

Welcome to the Eighteenth Annual Hawaii International Conference on Education



Aloha!

We welcome you to the Eighteenth Annual Hawaii International Conference on Education. For more than a decade and a half, this event has offered a unique opportunity for academics and other professionals from around the globe to share their broad array of knowledge and perspectives. The primary goal of the conference is to provide those with cross-disciplinary interests related to education to meet and interact with others inside and outside their own discipline.

The international aspect of the conference brings a truly diverse variety of viewpoints shaped by different cultures, languages, geography and politics. This diversity is also captured in the Hawaii International Conference's unique cross-disciplinary approach. The resulting interaction energizes research as well as vocation.

With Waikiki Beach, Diamond Head and the vast South Pacific as the backdrop, this venue is an important dimension of this conference. For centuries a stopping place of explorers, Hawaii has historically been enriched by the blend of ideas that have crossed our shores. The Hawaii International Conference on Education continues this tradition in the nurturing spirit of Aloha. Along with its ideal weather and striking beauty, the Hawaiian Islands provide natural elements to inspire learning and dialogue.

This year we have more than 1300 participants representing more than 30 countries. Thank you for joining the 2020 Hawaii International Conference on Education!

The 2021 Hawaii International Conference on Education is scheduled for January 4 – 7, 2021 at the Hilton Hawaiian Village Waikiki Beach Resort, in Honolulu, Hawaii. Please check our website in early February for more details!

<http://www.hiceducation.org>

Email: education@hiceducation.org

The **Digital Proceedings Publication** can be found on our website at www.hiceducation.org (ISSN #1541-5880)

Registration Hours:

January 3, 2020 (Friday)	4:00pm - 8:00pm
January 4, 2020 (Saturday)	7:00am - 4:30pm
January 5, 2020 (Sunday)	7:00am - 4:30pm
January 6, 2020 (Monday)	7:00am - 4:30pm
January 7, 2020 (Tuesday)	7:00am - 1:00pm

(The Registration Desk is located in the **Coral II Room**, located in the Mid-Pacific Conference Center of the Hilton Hawaiian Village Waikiki Beach Resort)

Concurrent Session Times:

8:00 – 9:30 AM; 9:45 – 11:15 AM; 11:30 AM – 1:00 PM; 1:15 – 2:45 PM; 3:00 – 4:30 PM;

Session Chairs

are asked to:

- Introduce the participants.
- Start and end the sessions on time.
- Lead discussions. It is up to the Session Chair to decide if questions and answers will come after each paper or if questions and answers will come after all of the papers of the session are presented.

All participants of each of the sessions should feel free to consider themselves as discussants.

Poster and Round Table Sessions:

All Poster Sessions will be held in the **Coral III Ballroom**. Presenters will be able to meet one-on-one or in small groups with interested participants for detailed discussions regarding their research. Tri-fold presentation boards, easels, and tables will be provided for poster presenters.

Internet Access:

Limited Internet access will be provided in the registration room only. There will be a very small number of laptops provided by the conference for Internet use. Please limit use of these computers to 15 minutes.

If you have your own laptop with wireless Internet capabilities, you will be able to pick up our wireless signal in and around the registration room. The wireless Internet SSID is **“HIC”**. Password: **HAWAII2020**

Please note that **Internet access is NOT provided** in any of the presentation rooms.

Breakfasts

- Four breakfasts are included with your registration:

1/4/2020	Saturday	7:00 AM – 9:00 AM	Coral III Ballroom
1/5/2020	Sunday	7:00 AM – 9:00 AM	Coral III Ballroom
1/6/2020	Monday	7:00 AM – 9:00 AM	Coral III Ballroom
1/7/2020	Tuesday	7:00 AM – 9:00 AM	Coral III Ballroom

Additional breakfasts for guests are available for \$25(per day) at the registration desk.

Coffee Breaks:

Saturday – Tuesday 10:30 AM – 11:30 AM and 2:30 PM – 3:30 PM

Coffee breaks will be located near the registration room (Coral II Ballroom)

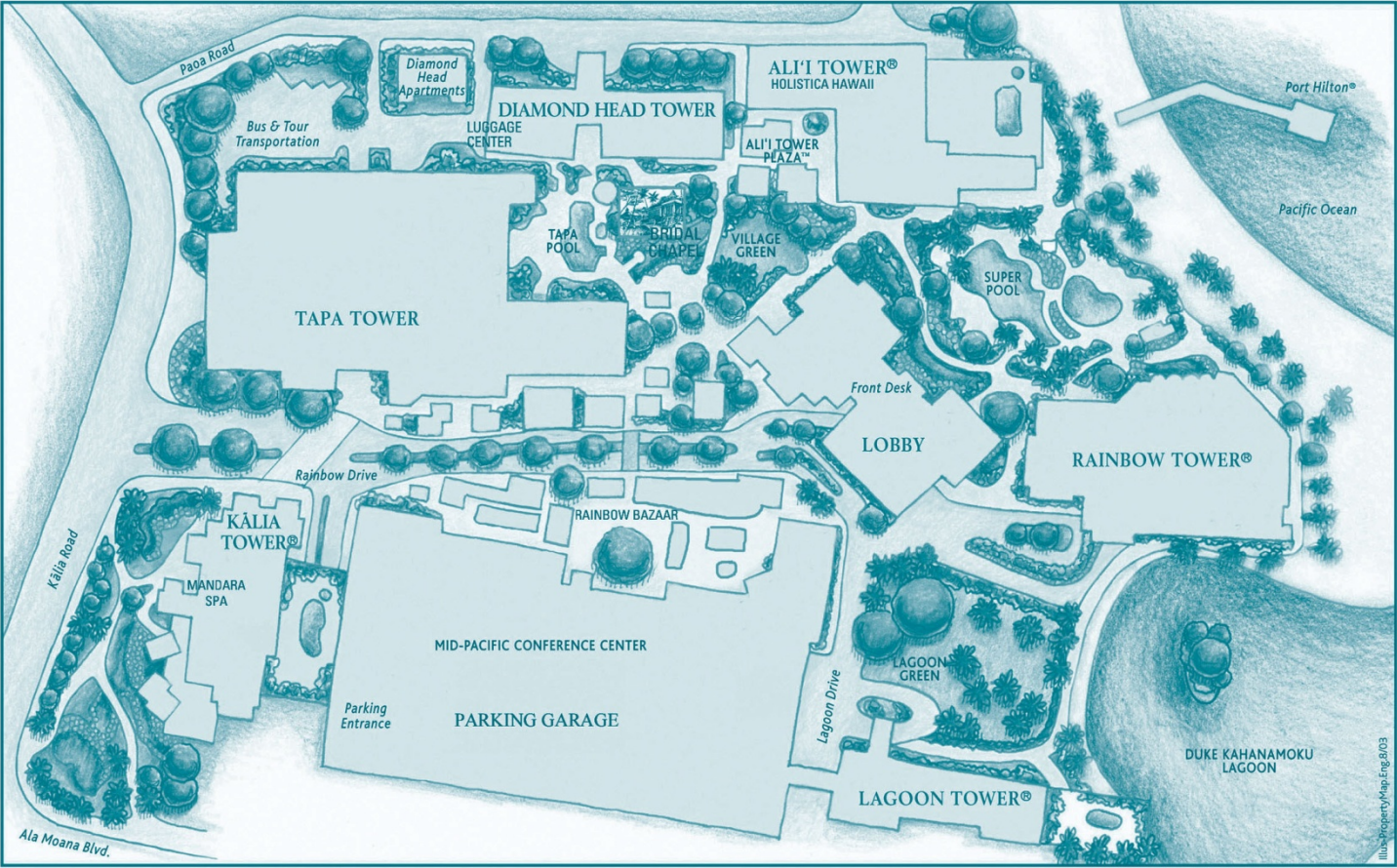
Audio/Visual Equipment:

The conference will provide the following in each presentation room (**excluding poster and round table sessions**):

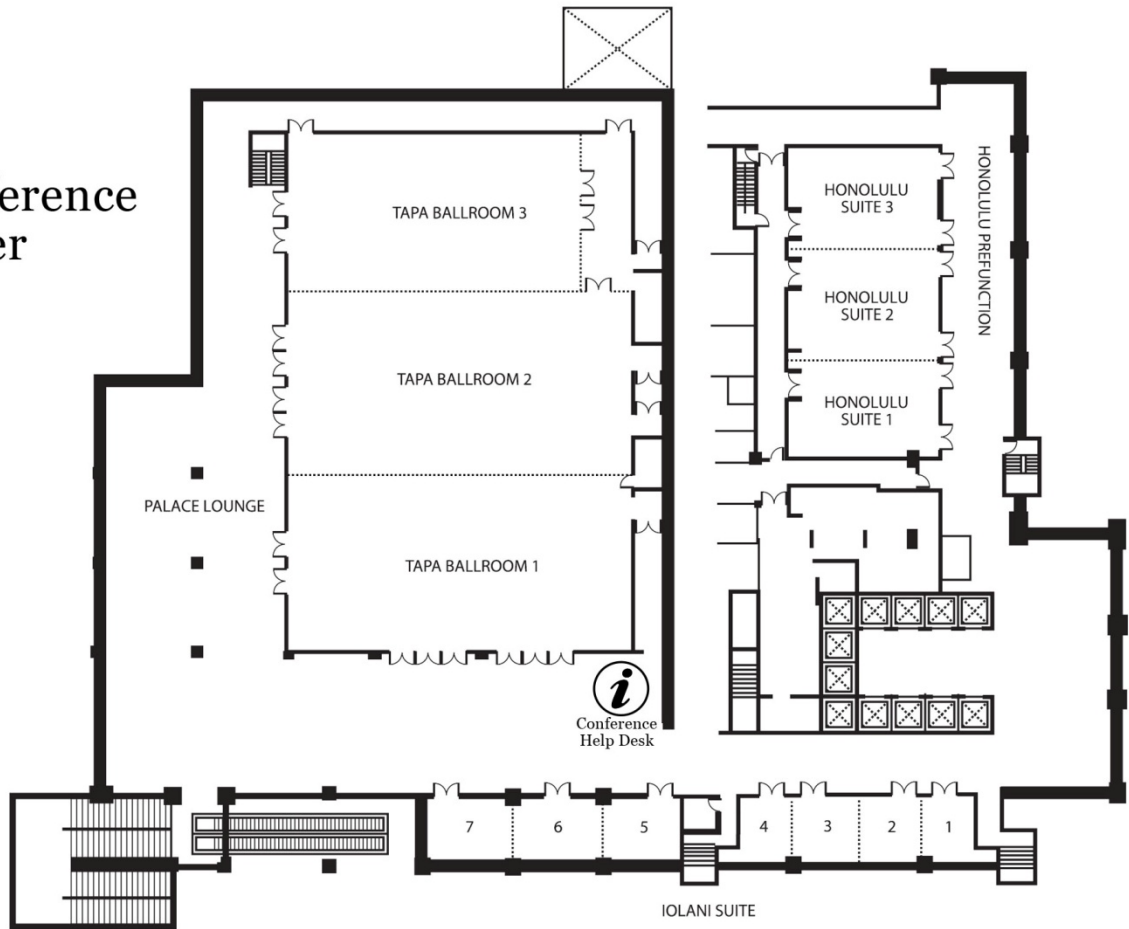
- ✓ Laptop Computer (Please see notes below regarding the laptops)***
- ✓ LCD Data Projector (with screen)
- ✓ DVD Player (also plays audio CD's)

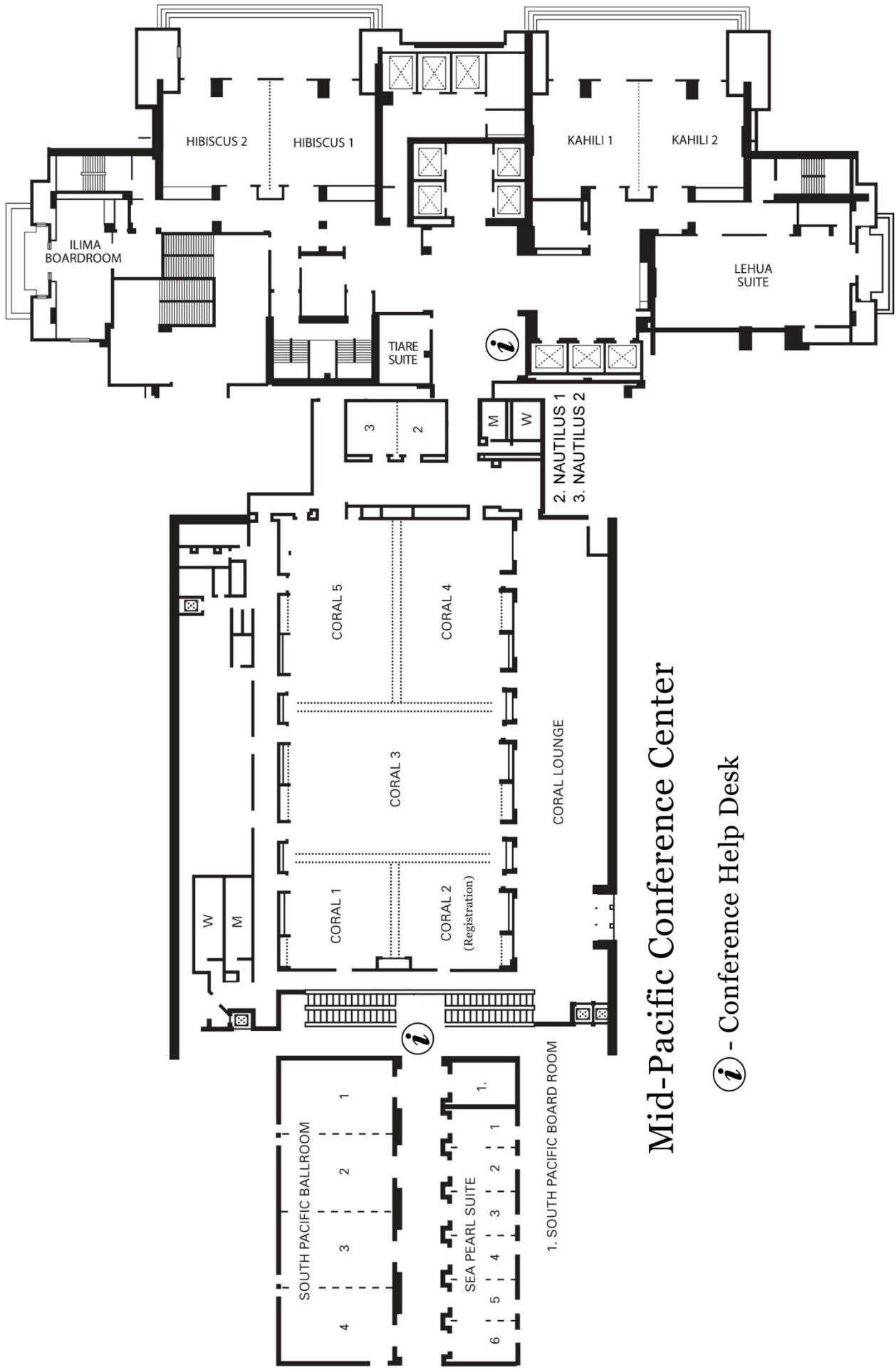
*** The laptops will accept CD-ROMs, DVD's, and USB “Flash” drives. Microsoft PowerPoint, Word, and Excel are installed on each laptop for your convenience. We will not be able to install any special software that your presentation may require. However, if you brought your own laptop, you may use it instead of the one that is provided. Please note that **Internet access is NOT provided** in any of the presentation rooms.

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Tapa Conference Center





Mid-Pacific Conference Center

 - Conference Help Desk

Kalia Tower

Keynote Address

Time: 11:30 AM - 1:00 PM / **Sunday** - 1/5/2020 / **Room:** Coral 3 Ballroom

The Religion of the Hawaiian Chiefs: *Aliʻi, Missionaries, and Religion in Early 19th Century Hawaiʻi*

The years 1819 -1820 marked a watershed in the history of the Hawaiian Islands. With the passing of King Kamehameha I in 1819, the Kapu System was abolished, setting off a catalyst for change in the systems of faith, government and society. A major agent of change was the missionaries who came to Hawaiʻi in April 1820 to spread the Gospel, and in the process, the islands were forever changed.

Nearly everyone who spends much time in Hawaiʻi soon forms an opinion about “the missionaries” who, as many accounts have it, cajoled, browbeat, and, eventually, converted an entire “heathen” nation to Protestant Christianity. But how could a handful of overdressed New Englanders who, when they first arrived, did not know the native language or culture convince an entire nation to put on more clothes, adopt western views of sin and sexuality, and replace their traditional Polynesian religion for that of Boston? Could there be more to the story?



Kapali (Jeffrey) Lyon, Ph.D. is the chair of the Department of Religion at the University of Hawaiʻi at Mānoa. He graduated with a BA from Biola University in both ancient Greek and Biblical literature, received the MA and PhD in Near Eastern Languages and Literatures from UCLA, and the MA in Hawaiian language and literature from the Hawaiian Language College at the University of Hawaiʻi at Hilo. His earlier work focused on Aramaic translations of the Greek Gospels but in recent years his research has focused on the first Christian missions to Hawaiʻi, early Hawaiian Christianity, translations of the Bible into Eastern Polynesian languages, and 19th century Hawaiian language accounts of pre-Christian Hawaiian culture and religion. He and Charles Langlas are the editors and translators of *The Moʻolelo Hawaiʻi of Davida Malo* (two volumes, University of Hawaiʻi Press) coming out in spring, 2020.

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 1
Session Topic: Special Education - Workshop **Session Chair:** Khan, Zafrullah

Using Action Research For Professional Development: The Use of Precision Teaching to Increase Learning in Two Students who have Autism and an Intellectual Disability

This study evaluates the effectiveness of Precision Teaching for increasing student learning in two students who have autism and an intellectual disability (ID) using action research as professional development.

Khan, Zafrullah — Middle Tennessee State University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 2
Session Topic: Higher Education - Workshop **Session Chair:** Conway, Anne Shirley

Australian Case Study: Identified Problems in PhD Examination and Assessment and Impact on Candidates and Stakeholders

Identify the areas of concern in Australia's PhD 'examination selection' and 'examination and assessment' processes; present the case study which justifies proposed PhD research, discuss impact on candidate and stakeholders. Then, outline proposed PHD research thereafter generate discussion on the case study examiner reports and attendees perspectives on the objective and subjective elements (criteria) necessary for inclusion in PhD 'research marking sheets'.

Conway, Anne Shirley — Sidewaysmind Pty Ltd.

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Matsunaga, Mai

Can Non-native Spoken English Help Improve Children's English Listening Proficiency? –A Case Study of a Japanese Mother and Her Daughter

This case study attempted to examine to what extent the English listening proficiency of an eight-year-old (second grader) Japanese girl had improved through listening to her Japanese mother speak English to her at home for eight years. The results of a listening test suggested that her mother's non-native spoken English had helped her reach a level of listening comprehension expected of sixth graders (11 to 12 years old) in Japanese elementary schools.

Matsunaga, Mai — Kyoto Sangyo University

Profiling the Vocabulary of Authentic Passages for ESL Instruction

This study discusses comprehension issues involved with learners reading authentic passages for language learning, compares the vocabulary incorporated into different on-line newspapers and discusses how to modify that vocabulary for ESL learners.

Dilenschneider, Robert — Jichi Medical University

3rd-Year Japanese Junior High School Students: Perceptions of Non-Communicative English Classrooms

This research reviews the foreign language guidelines of a public city school district in the Kansai region of Japan. After the guidelines have been reviewed, the efficacy of those guidelines is juxtaposed against actual class observations and comments taken from teacher interviews which reveal that the guideline goals are difficult to realize due to constraints on teachers.

Edwards, Michael — Doshisha University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 4
Session Topic: Secondary Education **Session Chair:** McFarland, Jon

Creating an LGBTQ Inclusivity Task Force: A Case Study

This paper presents a case study of one public high school district's efforts to create and implement an LGBTQ Task Force to better address the need for safe and inclusive school environments for this marginalized population of students. The authors will discuss their qualitative research of the process of starting such a task force, the district supported data that grounds district initiatives, and the professional development conducted thus far.

McFarland, Jon — California State University, Stanislaus

Kuehn, Heidi — California Lutheran University

Gamification for a Better Education: How We Can Use Didactic Board Game Crossing Borders to Educate Youth About Migration

The presentation focuses on the integration of migration-related topics into the school system in Slovenia. It highlights the results of the analyzes of school curricula and textbooks in terms of integration migration-related topics and it indicates the necessity of integrating these contents into the school system. It introduces how can gamification improve education – it focuses on the innovative didactic board game Crossing Borders as a teaching tool for educating young people about migration.

Klun, Mojca Ilc — University of Ljubljana

Comparative Analysis of Employment Determinants of Specialized and Meister High School Students in Korea

The purpose of this study is to investigate the level of employment decision of students of specialized high school and Meister high school which are vocational high school in Korea. This study examined whether there are differences in employment decision and its factors of specialized high school and Meister high school students. Furthermore we studied investigate the interaction effect between student characteristics and school characteristics of vocational high school students.

Park, Ja-Kyung — Seoul National University

Ko, Gwi-young — Seoul National University

Aujchareeya, Duangviboon — Seoul National University

Characteristics of Abductive reasoning According to Scientific and Historical Knowledge in Traditional Korean Palace (Deoksugung)

In this study, we analyzed middle school students' abduction process according to scientific and historical knowledge. The program took place in South Korea's historic place, Deoksugung palace. Students observed, made questions and produced hypotheses. Based on the work of Peirce and Eco, we found different characteristics of perspective, observation, and form of abduction caused by the difference of background knowledge.

Jeon, Jooyoung — Ewha Womans University

Sheen, Donghee Shin — Ewha Womans University

Teaching for the Future: Intentionally Building Competency with Statistical Software

We argue that training in quantitative methods in the social sciences can be improved if introductory statistics instructors intentionally and explicitly teach computing skills, alongside statistical concepts, to their students. In this paper, we detail and evaluate our efforts to develop materials and effectively introduce sociology undergraduate students to statistical software through a one-session workshop.

Johnson, Amy — Stanford University

Gleit, Rebecca — Stanford University

Exploratory Analysis of Mass Shootings in US Education Settings: Shooters' Profile, Motive and Treatment by Criminal Justice System

The United States has shown the highest incidence of unanticipated and well-planned mass shootings perpetrated by civilians with unrestricted access to weapons of war against other civilians. This exploratory study is concerned with the analysis of twelve mass shootings perpetrated in education settings such as schools and universities from Columbine HS Shooting in Littleton, Colorado (1999) to the most recent one in Marjory Stoneman Douglas HS, Florida (2018). Recommendations for future research will be shared.

Lankster, Saul — National University

Amador-Lankster, Clara — National University

Engaging Imagination In Place-Based Education: Teaching As Weaving

Emotional connections to Place have been linked to ecological values, ethics, and ecologically-conscious behaviour. Building on literature in Place-Based Education this paper employs a weaving metaphor to describe principles of Imaginative Ecological Education (IEE) and introduces A Walking Curriculum (AUTHOR, 2018) as an example of imaginative ecological pedagogy that centralizes emotional connection in learning and might help us to re-imagine teaching practices, build ecological identity and encourage ecological relationships as part of learning and teaching.

Judson, Gillian — Simon Fraser University

How Does the Teacher's Language Increase or Reduce the Conflict?

We present the current state of our research on the analysis of the verbal tension rising in the classroom. This analysis leads us to establish that the language register convened by the professional conflict situation is critical, but it is also determined by one professional but up in interactional situation in or out rise in tension. There is therefore a form of interdiscursive register with the teacher that determines both the relationship in context of rise in tension and off.

Romain, Christina — Aix-Marseille Université

Rey, Véronique — Aix-Marseille Université

Integrating Culturally Responsive Social Justice Pedagogy: A Case Study of an Online EdD for Instructional / Professional Leadership

This case study uses interviews, open-ended surveys, and follow-up focus group interviews to examine the integration of culturally responsive social justice pedagogy into an online EdD. Findings include the need to link culturally responsive social justice pedagogy with urban education issues in K – 12 settings. This findings suggest ensuring support of students and faculty regarding race, ethnicity, gender, economic status, choice, and ability and providing the knowledge, skills, and dispositions needed for instructional leadership.

White, Cameron — University of Houston

Hutchison, Laveria — University of Houston

Traumatic Event Effect on Study Abroad Experience: A Case Study of the Christchurch 2019 Terror Attack

Many students come to New Zealand to study because of its safety record. However, New Zealand also has safety concerns, highlighted by the Christchurch Mosques shootings in March 2019. This presentation demonstrates the results of a post study abroad survey and interview research study of 15 Japanese students studying in Christchurch at the time of the event. Results indicate that while they were shocked, many felt empathy and their image of New Zealand was unchanged.

White, Jeremy — Ritsumeikan University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Kahili 1
Session Topic: Distance Education - Workshop **Session Chair:** Bird, Rick

Extended Classroom: Leveraging Onsite Class Delivery to Engage Online Students

Online students feel isolated, which oftentimes causes lower engagement and higher attrition rates. Using current technology, online students can join on-campus classes and become part of a live, extended classroom. This live participation helps the online students become part of the classroom community. The online students in this extended environment are more engaged and connected with the classroom and the university in general.

Bird, Rick — DeVry University

Schreiber, Veronica “Ronnie” — DeVry University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Kahili 2
Session Topic: STEM Education **Session Chair:** Fuerst, Travis

Promoting Higher-Order Thinking Skills Through Collaborative Project-Based Design Learning and Product Data Management

This paper describes the implementation of a Product Data Management (PDM) system in a freshman level 3D modeling course to support a collaborative design project that involves higher-order thinking skills. The PDM system provides an experiential and contextually relevant work environment intended to mimic those found in typical industrial settings. The role of PDM and the impact on students’ individual and team performances are discussed.

Fuerst, Travis — Purdue University

Camba, Jorge — Purdue University

Barragato, Adam — University of Michigan

Digital Forensics Research Experiences for Undergraduates

Software is being integrated into all aspects of human life, from wearable digital watches, mobile devices, home personal assistance, autonomous vehicles, to medical equipment. After an adverse technical event occurs within an organization, digital forensic investigation needs to transpire internal to the organizational and perhaps include external forensics involvement by the local law enforcement, FBI or even Secret Service.

Dragos, Denise — St. John’s University

Schmeelk, Suzanna — St. John’s University

CDU: Changing the face of STEM students from PK to 12th grade

CDU is committed to preparing students from underserved demographics and preparing them for leadership, excellence, college and careers. For CDU, we begin preparing students for this journey in Pre-school. Through research and kinesthetic hands on lessons students are exposed to health care careers.

Forbes-Hill, Eileen — Charles R. Drew University of Medicine and Science

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Lehua
Session Topic: Language Education **Session Chair:** Grande Triviño, Nancy Viviana Grande

Trends and Conceptions of Intercultural Competence in the didactic of English as a Foreign Language: A Content Study in Publications made in Hispanic American Countries

The presentation will discuss the changes that some Hispanic American countries have had in the Teaching of English Language, in order to embed an Intercultural Communication focus that promote acknowledgment of differences and therefore cultural awareness.

Grande Triviño, Nancy Viviana Grande — Corporación Universitaria Minuto de Dios and Colegio Cumbres Bogotá

How to Improve English Listening Skills? Try Video Flashcards

This research focuses on English listening enhancement and proposes a novel system to help the language learners. The idea is to utilize online videos and reinforce the key concept through video segments. VF-Card is a prototype system that demonstrates the idea of providing a variety of video segments in the form of flashcards. By using this system, the learners can get familiar with the tone and accent through video segments while enjoying personal’s favorite videos.

Pham, Lam — Wentworth Institute of Technology

Yu, Chen-Hsiang — Wentworth Institute of Technology

Communicative Language Teaching and Proficiency Based Instruction in the Teaching of Languages for Specific Purposes

Two methodological approaches in the teaching of an advanced level Spanish “for the professions” class are compared: Communicative Language Teaching and Proficiency Based Instruction. Data included: instructor interviews, class observation, recording of classes, student survey, pre-post written tests and pre-post oral interviews of students.

Rondon-Pari, Graziela — SUNY Buffalo State College

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education - Workshop **Session Chair:** Collina, Amanda

Pathfinder: Indigenous Youth Program

In the summer of 2011, Indigenous students from across Ontario came to Mohawk College to experience Project Pathfinder. Now having just finished its 9th intake, Pathfinder has connected with over 200 students and granted over 50 high-school/college credits. Indigenous Education & Student Services' Pathfinder is designed to transition Indigenous students to post-secondary by exploring cultural identity and building healthy relationships through experiential learning.

Collina, Amanda — Mohawk College

Hogan, Leah — Mohawk College

Aitchison, Amanda — Mohawk College

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Nautilus 2
Session Topic: Early Childhood Education - Workshop **Session Chair:** Lux, Christine

Reconnecting Young Children the Their Cultural History: Celebrating the Return of the Buffalo

Participants will gain a deeper understanding of the importance of culturally relevant and responsive curriculum in early childhood education using the indigenous ways of knowing framework to identify cultural bias and incorporate cultural values when collaborating with Native American partners. Participants will explore media and print resources created for Native American Head Start children celebrating the return of the buffalo to the Fort Peck Reservation in Montana.

Lux, Christine — Montana State University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Alsup, Janet

Teacher Identity Discourse as Identity Growth: Stories of Authority and Vulnerability

I describe the results of a qualitative, interview-based study with an emphasis on narrative and metaphorical discourse within the social/cultural context of secondary school teaching. In my larger study, I explore the teacher identity development of six female English education pre-service teachers at a large Midwestern university in 2016. In this paper, I focus on one of the six students and her discourse of 'authority and vulnerability' as she learns to become a teacher.

Alsup, Janet — Purdue University

Citizen Science on the Banks of the Amazon in Iquitos, Peru

Citizen science studies, with international researchers/ professors, have provided opportunities for student groups to experience real hands-on learning. This presentation will discuss opportunities in the Amazon River region to work with various fauna species, specifically micro chiropterans (small bats). This presentation will discuss the importance of incorporating global field studies into amazing learning opportunities for all disciplines. The purpose of this presentation is to: a) support hands-on experiences, b) explain integration of multiple disciplines, and c) provide examples of prior research projects.

Bechtel, Michael — Wartburg College

Making Sense of Teacher Performance Assessment Data – Blackboard, Tableau & Sibme Software – in a Statewide Graduate Teacher Credential Program in California

Measurement of teacher performance has been informed by state and national professional standards of the teaching profession in PK- 12 classrooms. An IHE in California has designed a program for Multiple Subject and Single Subject credentials that utilizes and triangulates data from Blackboard Learn, Tableau and Sibme software platforms to collect performance data and provide direct/indirect measures on teacher candidate performance as they prepare to successfully complete the California Teacher Performance Assessment (CalTPA 2.0).

Amador-Lankster, Clara — National University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 2
Session Topic: Art Education - Workshop **Session Chair:** Grimes, Diane

Mindfulness and the Joy of Drawing

Professor, Diane Grimes, recently published a book, "The Joy of Drawing, A Mindfulness Approach" with a complete guide. "The Joy of Drawing" is unique in that it also focuses on mindfulness and its use to enhance the foundational drawing skills. Together they help put the students in the right frame of mind and bring awareness to our eyes, hand, brain and breath. The workshop will consist of demonstrations using drawing mediums and applying mindfulness techniques.

Grimes, Diane — Immaculata University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 3
Session Topic: Health Education - Workshop **Session Chair:** Amende, Jackie

Nutrition for Healthy Aging

According to the Academy of Nutrition and Dietetics, 70% of physical decline among older adults with chronic disease (hypertension, diabetes, and/or high cholesterol) is associated with modifiable risk factors (nutrition, physical activity, and smoking). This program highlights four nutritional key messages, using cutting-edge research and evidence, that addresses four natural body changes that occur during the aging process. Participants will learn applicable take-home nutrition messages and how to implement and evaluate this program.

Amende, Jackie — University of Idaho Extension

Morrisroe-Aman, Bridget — University of Idaho Extension

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology - Workshop **Session Chair:** Myers, Michael

2020 Technology Tech Talk, Tools and Tips for Educators

Get your tech on for 2020 with this workshop on the best digital tools, web sites, apps, and software for teaching and learning. The presenters are university faculty experts on technology including Blackboard Certified Trainers and a UBTEch (EduComm) Fellow. If you've ever felt lost in the tech world or not up to speed with what your tech savvy colleagues seem to do with ease, then this workshop is for you!

Myers, Michael — National University

Sistek-Chandler, Cynthia — National University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1
Session Topic: In-service Science Teacher Education (Far West ASTE Session) **Session Chair:** Andersen, Lori

NGSS PLEASE: A Statewide Professional Learning Program for In-service Teachers of Science in Hawai'i

Teacher professional learning has been identified as one of the cornerstones of realizing the vision of the Framework for K–12 Science Education and NGSS. This presentation will share the goals, structure, and outcomes of a statewide model of NGSS professional learning in Hawai'i and discuss implications for continued NGSS implementation in Hawai'i and other districts.

Philippoff, Joanna — University of Hawai'i at Mānoa

Kaupp, Lauren — Hawaii Department of Education

Moulding, Brett — Partnership for Effective Science Teaching and Learning

Pauson, Nicole — Partnership for Effective Science Teaching and Learning

Blank, Rolf — STEM K-12 Research

Investigating Teacher Concerns Related to Climate Change and the Effect of a Climate Summit Professional Development Program

A Climate Change Summit was held at a state science teacher conference to support teacher's knowledge and understanding of climate change. Teachers attended talks from climate scientists and participated in educational roundtables featuring TK-12 application. Teacher concerns about climate change and teaching climate change topics were collected pre and post participation. Trends in teacher concerns were analyzed to reveal initial categories as well as how they shifted after participation in the intensive professional learning experience.

Grace, Jill — WestEd/ California Science Teachers Association

Gomez Zwiép, Susan — California State University, Long Beach

High School Teacher Task Analysis of Lesson Plans to Identify Opportunities for Computational Thinking in Data Analysis

This study examines the perspective of high school science teachers in the use of two lesson planning tools: a task analysis tool used to identify opportunities for data practices and computational thinking (CT) and a decision tree tool used to predict student responses to CT activities. The findings demonstrated that teachers were able to effectively decompose lessons to identify CT during data analysis and to adjust lessons to increase student-centered CT instruction.

Peters-Burton, Erin — George Mason University

Burton, Stephen — Loudoun County Public Schools

Laclede, Laura — George Mason University

Stehle, Stephanie — George Mason University

Rich, Peter — Brigham Young University

Cleary, Timothy — Rutgers University

Kitsantas, Anastasia — George Mason University

Whose Writing Gets Feedback? Evidence of Disparities in High School Biology

Writing plays an important role in secondary science education, but little is known about how student writing is interpreted in light of societal stereotypes that link scientific competence, linguistic competence, and student racial, ethnic, or gender identities. An online experiment with biology teachers found evidence of disparities in the feedback provided to students with different social identities. Practical and theoretical implications for antiracist and antisexist science education are discussed.

Sedlacek, Quentin — California State University, Monterey Bay

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Duquela, Rhina

Affinity Spaces EQUAL Healing Spaces

Across the country Colleges and Universities are filled with marginalized students looking for spaces and resources on campus that provide a sense of community and evoke a feeling of “home”. This workshop will identify two pedagogical approaches being implemented at a 4-year private University aimed at providing community, and opportunities to engage in difficult conversations connected to those who hold marginalized identities. This workshop will also explore how these approaches create secondary homes for the most vulnerable student populations on campus while embracing the power of community through dialogue and connectedness.

Duquela, Rhina — University of Pennsylvania

Lamar, Ebonish — Drexel University

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 3
Session Topic: Higher Education **Session Chair:** Lee, Hyunmin

The Moderating Effect of Self-efficacy on the Relationship between Future Time Perspective and Career Exploration Behavior of Undergraduate Students

The purpose of this study was to identify the moderating effect of self-efficacy on the relationship between future time perspective and career exploration behavior of undergraduate students in the Republic of Korea. Hierarchical regression analysis was used for the analysis, with the data from 471 students. According to the result of the analysis, a moderating of self-efficacy on the relationship between future time perspective and career exploration behavior was discovered.

Lee, Hyunmin — Seoul National University

Jeong, Jinchul — Seoul National University

The Changing Role of Institutions of Higher Education

Salient reasons for the “changing role” of IHEs will be presented regarding preparing teacher candidates, using culturally responsive pedagogy and social consciousness. It begins with a survey, based on a Likert scale, used to ascertain the audience’s perception of their IHE in the three major areas noted above. Research supporting the changing role of IHEs plus theory from educational psychology substantiates the changing face of Higher Education in the Twenty-first century.

Keough, Penelope — National University

Racial Identity Development of International Black African Collegians in U.S. Higher Education

Higher education professionals tend to conflate Black student identities and assume all Black students share the same ideas about race and experience Blackness in the same way. However, this ignores important socio-cultural differences across the diaspora. This paper considers the racial identity development of international Black African students in U.S. higher education.

Watson, Ashley — University of Minnesota-Twin Cities

Untapped or Exploited?: The Myriad Assets of Undocumented Latina/o/x Students in the Midwest

While undocumented students face many challenges in higher education, their stories demonstrate a tremendous amount of motivation, commitment, and perseverance. The literature on undocumented students has indicated that these students bring a vast array of assets to college and universities. However, undocumented student assets are often undervalued and underutilized. The purpose of this study is to examine how colleges and universities tap into undocumented student assets to improve higher education and the undocumented student experience.

Luedke, Courtney — University of Wisconsin-Whitewater

Mendez, Julián — Westminster College

Time: 8:00 - 9:30 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Harven, Aletha

Part 1: Instructing Pre- and Inservice Teachers to Support Students with (Dis)abilities: Pillars, Practical Applications, and Students’ Intersecting Identities

The workshop will be conducted across 2 sessions – and will cover three proposed pillars of effective instruction for supporting students identified with (dis)abilities. The pillars are grounded in IDEA and include: (1) the historical foundation of special education services, (2) current federal education policies regarding children identified with (dis)abilities, and (3) effective strategies for child and family advocacy. An emphasis will be placed on students’ intersecting identities and on practical applications of IDEA federal guidelines.

Harven, Aletha — California State University, Stanislaus

Perouse-Harvey, Ebony — University of Michigan

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development - Panel **Session Chair:** Brown, Deborah

Creating Thinking Cultures in Schools

Reporting on initiatives developed by the University of Queensland Critical Thinking Project and the Pacific Partnership on Critical Thinking (UCLA & Pepperdine University), this panel aims to further a discussion on the question of how to transform schools into sites of critical and creative thinking.

Brown, Deborah — University of Queensland

Normore, Calvin — University of California Los Angeles

Ellerton, Peter — University of Queensland

Cain, Ebony — Pepperdine University

Sanschagrin, Marc — Santa Monica Malibu Unified School District

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 2
Session Topic: Critical and Creative Thinking - Workshop **Session Chair:** Levy, Nathan

Powerful Strategies to Enhance the Learning of Gifted and Highly Capable Students

This workshop, by noted *Stories With Holes* author Nathan Levy, explores numerous, proven ways to reach gifted learners in challenging ways. Participants will leave with a variety of new strategies and specific ideas to help pupils become better creative and critical thinkers. A variety of successful teaching and parenting techniques relating to social and emotional needs will be shared. Bring your thinking caps and your funny bones to this dynamic presentation.

Levy, Nathan — Nathan Levy Books, LLC

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Feagin, Karen

Classroom Language Policy: Enactment and Influences

Students designated as English learners (ELs) in US school face a double-challenge of learning a new language while learning academic content through that language. Official and unofficial rules about language, or educational language policies, shape their experiences navigating those challenges. This study uses a critical discourse analysis theoretical and methodological framework to analyze discourse in an all-EL classroom, to identify enacted educational language policies and illuminate the influences on one teacher's practiced policies.

Feagin, Karen — University of Maryland

Can Manga Be Used to Teach Academic Writing?: L2 Writing Through Manga Narration

This study shows how the language in Manga helps low-intermediate EFL learners to acquire paraphrasing skills necessary for academic writing. The author analyzed how Japanese EFL learners converted the direct discourse in speech balloons into narrative texts in Manga. The results indicate that narrative writing activity could raise the awareness of linguistic features in spoken and written English, although further improvement in grammar and organizing information are necessary.

Yasuta, Takako — Fukushima Medical University

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 4
Session Topic: Reading Education - Workshop **Session Chair:** Wickstrom, Carol

Using Inquiry to Build and Sustain a Resilient and Mindful Professional Learning Network

The North Star of Texas Writing Project is a network of Literacy Teacher Leaders. During this workshop, we will share our "Passion Pathways" with an explanation of implementation in school districts. Participants will engage in a "slice" of the pathways: Mindfulness Practices, Multimodal Literacies, and Building on Cultural Resources.

Wickstrom, Carol — University of North Texas

Curtis, Joan Scott — University of North Texas

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Grimes, Diane

"Learning on Location", Cross-Disciplinary Short-Term Travel Abroad Tours: ART, HISTORY and POETRY (How to integrate a tour and course into your curriculum)

Learn about opportunities to travel abroad short term, see the many tours available that run 7 to 12 days during a spring or summer break and 3-credit courses. Workshop with materials on how to integrate projects, Digital Storytelling or Digital Journal's, from travel experiences. Learn what apps you can download to your smart phone for use while traveling. Learn about ways you can integrate different disciplines. See examples of cross discipline tours and collaborative learning.

Grimes, Diane — Immaculata University

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Heisel, Erin

Mindfulness and Meditation: Activities and Exercises for Education Professionals

Description of presentation: This workshop discusses the difference and overlap between mindfulness and meditation and will introduce mindfulness activities and meditation exercises participants can take with them for use in their lives. Special attention will be given to those activities and exercises that can be useful in classroom activities for students of different ages. Neurological benefits, as well as immediate psychological benefits, of engaging in these practices will also be discussed.

Heisel, Erin — Adelphi University

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Kahili 1
Session Topic: Business Education **Session Chair:** Paterson, Rab

When Words Are Not Enough: Going Beyond Language in Business English Communication

This session will provide a brief overview of some cultural analysis tools used by professionals in the field (Geert Hofstede in his National Culture Compass tool and the Seven Dimensions of Culture by management consultants Fons Trompenaars and Charles Hampden-Turner) and an explanation of how they're used in my Business English classes for Japanese executives. It will next allow attendees to use the apps and finish with a review of student feedback of these apps.

Paterson, Rab — Toyo University

Women's Leadership Program: An Extra-Curricular Intervention

This paper presents a six-session extra-curricular intervention designed to assist potential women leaders in developing both the skills and confidence necessary for leadership. Based on a pre-post study design, preliminary assessment results suggest that the intervention was effective.

Sadri, Golnaz — California State University, Fullerton

Salvador, Rommel — California State University, Fullerton

Using Short Case Preparation Write-ups to Promote Evidence-Based Management

This paper presents an approach to use short case preparation write-ups to integrate Evidence-Based Management into the business classroom. Results based on a Single Group Pretest-Posttest Design (N = 23) in an MBA-level introductory Organizational Behavior course suggest that the approach is effective.

Salvador, Rommel — California State University, Fullerton

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Kahili 2
Session Topic: STEM Education - Workshop **Session Chair:** Kelley, Todd

Design Thinking in Integrated STEM Education

This conference workshop will prepare teachers to effectively implement key strategies to improve students design thinking skills within integrated STEM lessons. The session will feature an integrated STEM lesson linking high school biology, physics, and engineering design to 3D print fishing lures. Elements of the workshop will feature research findings and lessons developed through an NSF project titled: TRAILS- Teachers and Researchers Advancing Integrated Lessons in STEM.

Kelley, Todd — Purdue University

Knowles, Geoff — Ivy Tech Community College

Jones, Jim — Fairfield Community Schools

‘Hosting’ Incivility in Classrooms: Hospitality and Responsibility

This presentation considers the relationship between education and hospitality in the specific context of moments of incivility in classrooms, with special attention to white resentment. We discuss the need for parameters balancing free speech and teaching moments with restoring agency to the marginalized ‘others.’ We propose that ‘hosting’ incivility requires framing teaching moments within an ethic of responsibility that aims to restore agency for those on the receiving end of white resentment.

Piquemal, Nathalie — University of Manitoba

Heringer, Rebeca — University of Manitoba

Misir, Dave — University of Manitoba

Classroom Creativity: Pedagogical Adaptability in Film

The paper examines how two remarkable cinematic educators win over students who resist and doubt them by changing their pedagogical perspectives, adapting to their pupils’ needs and interests. Such adaptability requires an array of virtues, ranging from attentiveness and responsiveness to humility and courage.

Instructional creativity is displayed by Katherine Watson (Mike Newell’s *Mona Lisa Smile*, 2003) and Mark Thackeray (To Sir, with Love, James Clavell, 1967).

Kupfer, Joseph — Iowa State University

The Julius Rosenwald Schools (1917-1932): Promoting Hopeful Learning Environments and Communities

This qualitative study examines the rural school building program of the Julius Rosenwald Fund and its emphasis upon providing hopeful and functional learning environments for rural African American communities in the South prior to the civil rights movement of the 1950s and 1960s. Through the publication entitled *Community School Plans*, the Julius Rosenwald Fund provided construction plans for approximately 20 one-teacher to ten-teacher school buildings along with plans for laboratories, industrial shops, and teacher homes.

Smith, Matthew — Tennessee Tech University

Vygotsky’s Curriculum Theory in 21 Century Classrooms

In this presentation, we will discuss Vygotsky’s inspired principals of curriculum and provide some examples of dilemmas of practice using examples of the curriculum.

Gajdamaschko, Natalia — Simon Fraser University

Elementary School Teachers’ Understanding of Mathematical Modeling

The Standards for Mathematical Practice (SMP) briefly explains how each SMP can be implemented in a mathematics classroom. Our particular interest rests on the fourth SMP, Model with Mathematics. This standard focuses on the connection of the real-world situation and mathematical concepts. Through intensive interviews with eight teachers who have taught mathematics in elementary school settings, we found that they understood and practiced this standard somewhat differently from the intention of the standards authors.

Colen, Jung Youn — St. Margaret’s School

Colen, Yong Suk — Indiana University of Pennsylvania

Auditing Curricula for Personal Finance Education Terms Towards Improved Student Financial Understanding

This quantitative study explores text mention data to examine the extent to which personal finance education is covered in four English-speaking context’s curricula. Moreover, expanding on Ryan’s (2015) notion of inclusive leadership, classroom-based practices informed by Baron (2015), Spotton Visano and Ek-Udofia (2017), Totenhagen et al. (2015), Gil (2015) and related articles will be synthesized into actionable classroom-based strategies to enhance student levels of financial understanding.

Armstrong, Wesley James — University of Western Ontario, Doshisha University, and Kyoto Sangyo University

Teaching Mathematics for Conceptual Understanding: Breaking Through Barriers for “Ambitious Teaching”

Teaching through problem solving has proven successful in mathematics education resulting in actively learning and therefore increasing learner retention.

Teaching through problem solving is not widely practiced in math methodology courses. The research conducted in an elementary education math methodology course provides insight into successfully using this active learning application.

TeKippe, Stephanie — Wartburg College

Rod Szabo, Maryam — Wartburg College

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Adeniji-Neill, Dolapo

The Gifts of the Yoruba Trickster: Equity and Social Justice for whom in the Age of Globalization?

This paper is conceptual, as it is based on literature on multicultural education and resources for teaching multiculturally for equity and social justice. Its aim is to enable teachers to teach effectively to global and national citizens in their classrooms, in ways that all students in all in (our) classrooms regardless of cultural backgrounds or religious affiliations could thrive.

Adeniji-Neill, Dolapo — Adelphi University

Lessons Learned while Infusing Culturally Responsive Pedagogy in a STEM Teacher Education Preparation Program

Research confirms that Culturally Responsive Pedagogy (CRP) is a vehicle for increasing student success in high need classrooms which broadens participation in STEM. teachHOUSTON, a secondary STEM teacher preparation program, has infused elements of CRP into their courses. This session includes activities that will support faculty in their implementation of CRP into their courses and/or programs as well as lessons learned during the first two years of implementation.

Evans, Paige — University of Houston

McAlister-Shields, Leah — University of Houston

Manuel, Mariam — University of Houston

Why Do They Stay? What Factors Contribute to Teachers' Decision to Remain in the Profession: A Case Study

In this presentation, the presenter will focus on pre-service and in-service strategies utilized to increase teacher retention while also looking at the relationship teacher education has on the attrition rate of novice teachers. Additionally, the presenter will discuss mentoring programs and the impact such programs have on the efficacy of novice teachers who do not participate in them.

Johnson, Jesseca Lynette — Alabama State University

Howard, Betty — Alabama State University

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 2
Session Topic: Academic Advising and Counseling **Session Chair:** Moffat, Katharine

Navigating the Intersections: A Phenomenological Examination of First-Generation Student-Athlete Identity

This study investigates the educational and social experiences of first-generation, Division I football student-athletes at the University of Hawai'i at Mānoa. In exploring their educational experiences and perspectives, this study aims to better understand the challenges that this population faces in navigating higher education. Through in-depth interviews, the researcher will explore the ways in which first-generation and student-athlete identities overlap and intersect. This project is in-progress and expected to be completed by Spring 2020.

Moffat, Katharine — University of Hawai'i at Mānoa

Advising of the Students, by the Students, for the Students: The Case of a Student-Owned Peer Advising Community

This research explores the importance of student-organized communities in higher education and provides insights into peer advising at scale. We examine a student-run course review website, discussing the website's evolution and investigating its usefulness as a peer advising community. We also develop a coding scheme to analyze reviews from the website, which reveals that, although students provide mostly evaluative information, they also provide advice, context for their reviews, course descriptions, and feedback for instructional teams.

Duncan, Alex — Georgia Institute of Technology

Joyner, David — Georgia Institute of Technology

How Educators and Counsellors Can Walk Alongside Minoritized Youth in Their Social Justice Endeavours

I share findings from my doctoral study: The Experiences of Youth from Immigrant and Refugee Backgrounds in a Social Justice Leadership Program: A Participatory Action Research Photovoice Project. I present the overarching themes of resiliency, self-efficacy, and empowerment; troubling Islamophobia; and reshaping the narratives of the school and community despite pressures to conform to the dominant culture. I also discuss future directions and recommendations to support youth in their social justice endeavours.

Ko, Gina — University of Calgary

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 3
Session Topic: Educational Administration **Session Chair:** Ramos, Gabriella

Can Justice Be Served: Advancing Student Access to Quality Education by Enhancing Teacher Stability

Though inner-city schools are said to lack sufficient financial resources to retain talented teachers, research shows working conditions also weigh prominently into employment decisions teachers make. This paper expands on earlier work identifying challenging classroom conditions as an overlooked cause of attrition, and offers specific classroom and supporting coaching options identified by the primary researcher who has extensive successful background as a behavioral interventionist, and secondary researcher who served as school psychologist for 10 years.

Ramos, Gabriella — Scottsdale Unified School District

Hughes, Thomas — Northern Arizona University

Are Technological Advances Truly Improving Effective School Communication to Families?

Drawing from parent surveys and interviews this paper advances important information about ways technological improvements in communication may in fact be contributing to less effective two-way communication between schools and parents. While ineffective communication would be unwelcomed anywhere, problems in Title I funded organizations could actually be illegal. This paper explores the reality of “progress” in communication technology and provides recommendations for practicing administrators truly interested in knowing what works best for reaching today’s parents.

Berklan, Stacey — Northern Arizona University

Hughes, Thomas — Northern Arizona University

Dereshiwsky, Mary — Northern Arizona University

Completing the Circle: Achieving Interconnectedness Between Navajo Faculty, Students and Community Through Professional Learning Communities

This paper advances positive impacts an effective professional learning community can have on the harmony or Hozho’ of a Navajo community. It explores the interconnectedness, trust, and academic achievement brought about by a united circle of support, which represents both power and peace in Navajo culture. Ultimately, it articulates the relationship between the PLC’s impacts upon faculty’s instructional ownership and subsequently student achievement.

Clauschee, Douglas — Northern Arizona University

Hughes, Thomas — Northern Arizona University

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology - Workshop **Session Chair:** Wilbur, Tiffany

Innovative Video Technology and Its Impact on Educational Systems

This session will take a look at exploring the impact of video technology when integrated into new teacher induction, instructional coaching, teacher evaluation, administrative coaching, and overall educational growth and development as a system. Technology is often used to impact student achievement, but what would happen if we expanded its reach to improve t support teachers’ and administrators’ growth and development.

Wilbur, Tiffany — FACTS Education Solutions

Plicanic, Emir — Vosaic

Milnovich, Monica — FACTS Education Solutions

Time: 9:45 - 10:30 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1
Session Topic: Far West ASTE Business Meeting and Poster Introductions **Session Chair:** Lardy, Corinne

Association for Science Teacher Education (ASTE) Far West Region Business Meeting

The Far West ASTE group represents a regional member subset of the Association for Science Teacher Education (ASTE). Our region officially includes science teacher educators from Alaska, Arizona, California, Hawaii, and Nevada. However, we welcome anyone interested in science teacher education and finding out more about our organization.

Lardy, Corinne — California State University, Sacramento; Far West ASTE Regional Director

Poster Presentations

Creating an Online Community to Develop Science Teacher Practice: Lessons Learned from the Implementation and Evaluation of a Synchronous, Online Noyce Program

As part of an NSF-funded Noyce Project, USC has created an online community of practice to support beginning science teacher development. Science teacher candidates participate in both synchronous and asynchronous activities to develop their ability to develop their students' science practices. This presentation will share six years of recruitment, preparation and retention data, with a focus on how these candidates transfer their learning from the online community of practice to their classroom science teaching.

Freking, Frederick — USC Rossier School of Education

Maddox, Anthony — USC Rossier School of Education

Collaborative Around Research Experiences for Teachers (CARET): Assessing Impacts Across Programs

Research programs for teachers are popular but there is scant research investigating overall impact. We are presenting ongoing efforts undertaken by the Collaborative around Research Experiences for Teachers (CARET). CARET has created a shared assessment and conducted a review of the literature focused on relevant programs. Our poster presents the results of our review of the literature along with the shared assessment and findings from field-testing across six different programs.

Horvath, Larry — San Francisco State University

Buxner, Sanlyn — University of Arizona

Rebar, Bryan — University of Oregon

Cote, Laleh — University of California, Berkeley

Keller, John — University of Colorado, Boulder

Stone, Elisa — University of California, Berkeley

Development of an NGSS Based Unit on Plastics

What does the flow of plastic and the flow of unit planning have in common? More than you think! There are as many factors that contribute to the role of plastics in our oceans as there are to planning a comprehensive integrated unit. This presentation will outline how to incorporate: the three dimensions of NGSS, California's Environmental Practices and Concepts, inquiry-based instruction, the 5E Instructional Model, Nature of Science, phenomenon, and more in a unit.

Sanders, Emily — California State University, Long Beach

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Panel **Session Chair:** Bottomley, Kevin

Brave. Honest. Focused: Faculty and Student Engagement in Online Doctoral Programs

The Lead Faculty Area Chair model used in the College of Doctoral Studies, University of Phoenix, provides faculty and students with experienced leaders who engage in faculty governance and instructional leadership. Lead Faculty Area Chairs demonstrate academic excellence and expertise in their disciplines and serve as mentors for faculty and students. Personalized coaching topics for faculty and students includes effective communication skills, teaching and learning, assessment, and doctoral studies that is brave, honest, and focused.

Bottomley, Kevin — University of Phoenix

Schumacher, Jane — University of Phoenix

Burleigh, Cheryl — University of Phoenix

Lindsay, Pamela — College of Adaptive Arts

Time: 9:45 - 11:15 AM / **Saturday** - 1/4/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Emanuel, Stashia

Hard Copy or Electronic Textbooks? How a Historically Black University Decided to Keep Learning Affordable

This workshop will examine how a historically Black University in the mid-south transitioned from physical textbooks to online textbooks and resources at no cost to the student. The presenter will explain the historical context of e-textbooks, the reason for the transition as well as explore the fiscal implications to the university. Lastly, the presenter will discuss the satisfaction level of both faculty and students regarding the transition.

Emanuel, Stashia — Kentucky State University

Yates, III, Lucian — Kentucky State University

Cleveland, Roger — Kentucky State University

Part 2: Instructing Pre- and Inservice Teachers to Support Students with (Dis)abilities: Pillars, Practical Applications, and Students' Intersecting Identities

The workshop will be conducted across 2 sessions – and will cover three proposed pillars of effective instruction for supporting students identified with (dis)abilities. The pillars are grounded in IDEA and include: (1) the historical foundation of special education services, (2) current federal education policies regarding children identified with (dis)abilities, and (3) effective strategies for child and family advocacy. An emphasis will be placed on students' intersecting identities and on practical applications of IDEA federal guidelines.

Harven, Aletha — California State University, Stanislaus

Perouse-Harvey, Ebony — University of Michigan

Roundtable Session

Presenters will have 25 minutes to lead a discussion with attendees. After the 25 minutes, attendees will have 5 minutes to select a new table. No audiovisual equipment will be provided for these sessions. They are meant to be discussions, not presentations.

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Coral III

1. Developing a Multidisciplinary International Training Program for Undergraduate Public Health Students

This presentation will discuss the development of an multidisciplinary international applied practice experience for undergraduate public health students working with Ugandan social work and community development students. A description of the development process, intended outcomes for students, benefits for faculty and the institutions, what the applied experience entailed, lessons learned and the future of the program will be discussed.

Cathorall, Michelle — Southern Illinois University Edwardsville

Najjuma, Saidah Mbooge — Ndejje University

2. KAT Academy: A Win/Win Collaboration for Preparing Future Teachers

The preparation of effective teachers is crucial. The literature is rich on what makes an effective educator preparation program (e.g. Cochran-Smith and Zeichner, 2005; Darling-Hammond, 2006; Darling-Hammond and Bransford, 2005; Weiner, 2006). With that in mind, researchers will share edTPA assessment, survey, and interview data from an alternative year-long student teaching experience that builds extensive classroom and leadership experiences for preservice teachers.

Keith, Karin — East Tennessee State University

Evanshen, Pam — East Tennessee State University

Edwards, Stacy — Kingsport City Schools

3. Exploring Research Participation of First-Year and First-Time Transfer Latinx Undergraduate Students in Engineering and Computer Science Fields: A Community Cultural Wealth Study of Aspirational and Navigational Capital in College Transitions

This session focuses on ideas for a research project that explores how research participation shapes aspirational and navigational capital in college transitions of first-year and first-time transfer Latinx undergraduate students in engineering and computer science fields. Session topics include strategizing about the use of a community cultural wealth lens, considering methodological approaches to collect and analyze data, designing fieldwork that shares story ownership with participants, and producing a research story that links findings to actionable recommendations for practice.

Durdella, Nathan — California State University, Northridge

4. Teaching Adult Latinas to Become Entrepreneurs

This session will provide attendees with current research that supports the need to provide culturally-relevant education to Latina entrepreneurs. Additionally, this program provides education on working with diverse audiences and how the team utilized research to structure a program that met demand, while being available to both monolingual Spanish and English program participants. A capstone event that allows participants to highlight new skillsets will also be shared.

Greenway, Surine — University of Idaho Extension

Amende, Jackie — University of Idaho Extension

5. Challenges Facing Teaching Art Education

This study explores the challenges that face art education. The purpose of this research is to learn: What are the challenges that teachers face when they teach curriculum of art education? and What can art educators from these countries learn from each other? The literature reviews are the importance of visual art education and the challenges of visual art education. The participants in this study are the twenty teachers. Deep – interviews and observations will be used.

Albakri, Ghadah Shukri — Princess Nourah bint Abdulrahman University & University of North Texas

6. Using Technology to Support Secondary Education Inquiry-Based Science Instruction

This presentation will examine and demonstrate the various components of Google Suite and other science-based resources to assist implementation in classrooms. Resources to ensure a safe online environment, progress monitor, and supporting communication with students, families, and colleagues will also be discussed. Student centered activities and for progress monitoring will be presented (student presentation, collaborative projects, student generated models, formative and summative assessment, student monitored learning, student research, and video and still photography).

Buchter, Drew — Independent Scholar

Buchter, Jennifer — Eastern Illinois University

7. Asian Female Protagonists in Children's Literature

This discussion will provide an opportunity to talk about elementary books featuring female main characters of Asian descent. In the conversation, we will highlight text quality, plot development, consideration of the reader's self-image, and the author's background relevance to understand how these components complement the reading experience to include a cultural and personal connection.

Aliyas, Kristal — New York University

8. *Preparing for More than Labor: Developing Skills for a New Life*

Parenting matters! The goal of this project is to determine impact of infant development knowledge on parent-child interactions during the first year of life. This project will intervene in the knowledge acquisition of first-time parents, supporting their understanding of their infant beyond knowledge acquired in prepared childbirth courses by teaching development and responsive parenting during the first year. Does child development training during pregnancy increase the responsiveness of first-time parents with their 4-month-old child?

Ota, Carrie — Weber State University

Payne, Pamela — University of Nevada, Reno

9. *Self-Care: Unique Issues When Counselors Need Counseling*

Self-care is critical yet often lacking for counselors. One important self-care option is counseling when personal or work-related concerns arise. This session will explore risks and benefits for both counselors (school and clinical) as clients and counselors providing therapy to other therapists.

Suri, Tanupreet — University of New Mexico

Woodford, Julia — University of New Mexico

Bramble, Mary Kathryn — University of New Mexico

Keim, Jeanmarie — University of New Mexico

10. *The Critical Role of Classified Staff in Supporting Academic Improvement: A Qualitative Investigation*

A district survey and semi-structured interviews, at multiple organizational levels, were conducted to analyze the role of classified staff in efforts to improve student achievement. While significant research confirms the role of caring relationships in the academic, social, and emotional growth of students, school leaders often overlook significant non-instructional personnel who foster these roles. The findings show reductions in discipline infractions and suspension rates, and increases in ELA passage rates.

May, Judy Jackson — Bowling Green State University

11. *A Study Exploring the Journey of Effective Beginning Teachers in Urban Schools*

This roundtable session will explore a current qualitative study in progress that tells the story of eight effective early career teachers who were prepared through a specialized urban-focused teacher education program. The study explores the ways in which these teachers (a) conceptualize their teacher preparation programs, (b) to what they attribute their success, and (c) how they have navigated the landscape of urban schools and school districts.

Waddell, Jennifer — University of Missouri, Kansas City

12. *Effects of Cooperation Learning on Improvement of Interpersonal Competence*

This study focuses on examining whether students' class activity of cooperation improve their interpersonal competency enough to see the distinguished difference. The participants were sixteen students of a problem-based learning (PBL) course in S university. The results showed that there was a significant difference of students' interpersonal scores before and after cooperative learning of PBL. Qualitative research based on students' feedbacks on the PBL was added.

Han, Shinil — Sungkyunkwan University

13. *Engaging Families in STEM Education for Young Children*

This presentation will describe how a school district in California engages Spanish-speaking families in their children's STEM education by offering parent education and scaffolding leadership at their children's schools. We will describe how data from parents, students, and teachers is being used to inform these activities, and will engage the audience in a conversation about challenges and strategies for lifting up the voices of families that are not usually involved in school leadership.

Denner, Jill — ETR

Robb, Mary Anne — Santa Cruz City Schools

14. *Building Awareness of Issues in Equity in Educational Settings for Pre-Service Teachers*

DragonsTeach is a teacher certification pathway for STEM students at Drexel University. DragonsTeach students research an issue of equity that is relevant to the Philadelphia classrooms in which the DragonsTeach students are observing and teaching. Purposefully open-ended, this assignment has allowed students to examine connections to their own experiences and those of Philadelphia students. DragonsTeach students will explain how exploring issues that can impact students' access to equitable education has broadened their understanding of teaching.

Balanza, Kelsey — Drexel University

Boerlin, Maria — Drexel University

Ikehara, Adam — Drexel University

Klein, Valerie — Drexel University

Munley, Vanessa — Drexel University

Reinsburrow, Amanda — Drexel University

15. *Effective Teaching Strategies for the iGen College Students, What Works and What Doesn't*

Research shows that iGen students are technologically savvy, at times more demanding than older generation, and often favor instant gratification. This study relies on existing studies to synthesize challenges faced by faculty in providing quality education to iGen college students in today's academic environment. The goal of this roundtable discussion is to support faculty as they help students towards academic success. Importantly, attendees will develop an understanding of iGen students and their academic needs.

Mshigeni, Salome Kapella — California State University, San Bernardino

16. Experiences and Perceptions on Culturally Responsive STEM Doctoral Mentoring

Doctoral minority students may feel isolated when embarking on an educational journey; thus, culturally responsive mentoring in doctoral programs is desperately needed. The purpose of this roundtable discussion is to discuss preliminary findings of a study that explored culturally responsive mentoring in STEM doctoral programs, and engage participants in sharing of ideas, experiences, and perspectives. The expected outcome from this discussion is participants' better understandings of the concept of culturally responsive STEM doctoral mentoring.

Sanczyk, Anna — University of North Carolina at Charlotte

Douglas, Niesha — Educate, Activate, Transform

Howell, Cathy — University of North Carolina at Charlotte

Merriweather, Lisa — University of North Carolina at Charlotte

17. The Role of Culture and Family Tradition in the Education of the Hmong Population

This discussion describes the role of culture and family tradition, and the influence it has on the education of the Hmong population. Discussion points include gender roles, and the continued challenges of integration and adaptation to the U.S. education system. This study was completed as a result of a Fulbright-Hays scholarship study to Thailand in June 2019 to study the Hmong Hill Tribe population, along with the local Hmong population in Wisconsin.

Gajewski, Amy — Northcentral Technical College

18. Implementing Workshops in India for In-Service Teachers

This round table presentation will examine the research topic of workshops being conducted in India with in-service teachers. Both researchers are currently conducting workshops in India but would like to explore other perspectives of including research within their or the in-service teachers' experiences in the workshops.

Tours, Sara — Slippery Rock University

Reid-Brown, Carolyn — Bloomsburg University

Shi, Chen — Bloomsburg University

Kumar, Nitin — Carnegie Mellon University

19. Creating a Computer Science Education Collaborative in Vermont

This presentation will highlight the development of a new Computer Science licensure program at the University of Vermont. This will include a discussion of the collaborative process between faculty and the state agency in the development of the program as well as a description of the new undergraduate programs in Computer Science Education.

Toolin, Regina — University of Vermont

20. Origami and CAD as Tools to Improve Spatial Ability of First-Year Female College Students

Individuals with strong spatial skills tend to have a propensity to pursue STEM careers however; females test lower on spatial reasoning tests than their male peers. The author has been developing an online workshop for participants to practice skills that will improve spatial reasoning. The author will share the third iteration of the workshop, show research results of workshop effectiveness, lead a roundtable discussion on how to implement this workshop, and solicit feedback on next steps.

Zurn-Birkhimer, Suzanne — Purdue University

21. Establishing International Partnerships in Higher Education: A Case Study

This roundtable presentation will feature a case study of the establishment of a partnership between a historically black college and university (HBCU) established in 1876 in the United States, Prairie View A&M University (PVAMU), and a 15-year old institution, Akita International University (AIU), with a predominantly Japanese student population. After contacts were established, procedures followed to attain official status included evaluation, negotiation, and final approval.

Senzaki, Travis — Akita International University

Bonner II, Fred — Prairie View A&M University

Agnello, Mary Frances — Akita International University

22. Creating a Reconciliation Pedagogy: Insights on Ubuntu from South African Schools After Apartheid

This paper is a work in progress. The research project aims to examine how schools and their classrooms might serve as open spaces of social reconciliation and cultural healing. Using post-Apartheid South Africa and selected schools as a case study, the author seeks to identify the roles played by school administrators and practices employed by classroom teachers to confront the challenges of uniting a nation divided after years of segregation and colonial oppression.

Hardy, Sharon — City University of New York

23. Promoting Graduate Student Success & Retention: Academic & Psychosocial Factors

The purpose of the present study is to understand factors that predict graduate student success and retention. Identifying success factors will give students an awareness of the attitudes, skills, and behaviors necessary to complete their graduate studies and be prepared for a competitive job market. Institutions will be better able to provide relevant programming and address learning outcomes. In this roundtable discussion, we look forward to hearing your insights and experiences and sharing best practices.

Metz, A.J. — University of Utah

Noel, Natalie — University of Utah

Brandt, Nile — University of Utah

Dooley-Feldman, Eric — University of Utah

Findley, Samuel — University of Utah

24. Making Teacher Thinking Transparent: An Examination of Teacher Think-Aloud Instruction

Educators strive to empower students to become independent, strategic thinkers. Therefore, teachers must explicitly teach students to utilize metacognitive, self-regulated strategies. Metacognitive thinking prompts students to consider their thoughts and behaviors as they approach and complete reading tasks. In this study (which will be completed in December 2019), the researcher collaborated with in-service teachers at a low socioeconomic elementary school on how to implement metacognitive think-aloud reading instruction through culturally responsive teaching. The methods and findings will be discussed.

Woods, Sarah — Auburn University

25. Saudi Arabian EFL Policy from a Cultural and Social Capital Perspective

In this paper, I investigate the EFL policy changes that are affected by global factors. Also, I analyze the post-2001 EFL policy in terms of Bourdieu's (1986) conception of capital, particularly cultural capital and social capital. I also use Bourdieu's theory of the sociology of education as frames of reference to identify the obstacles that hinder EFL learners' English achievement.

Alsuwat, Sami Eid — Taif University

26. College Transition Programs and Writing: A Missed Opportunity?

This round table discussion is designed to examine best practices in supporting students with developmental writing needs, that have hopes of earning a bachelor's degree. Through the lens of a career-specific approach to concurrent enrollment, participants should be prepared to share ideas and innovative approaches to supporting students participating in dual/concurrent enrollment post-secondary opportunities. Participants will also learn about the innovative approach that the University of Colorado Colorado Springs uses to tackle these academic challenges.

Brown, Terainer — University of Colorado Colorado Springs

27. Teaching the "Why" as Well as the "How" of the Teardrop Taping Technique for Thumb Sprains

The teardrop taping technique for sprained thumbs is generally a positive support management technique for this injury. However, often students of athletic training are taught how the taping is accomplished, without an emphasis on why the technique is effective in terms of the anatomy of the thumb. The round table invites active participation in the taping technique, accentuating the reason for placement of strips for support of the injured joint.

Holt, Jerry — Florida A&M University

28. Supporting First-Generation College Student Success

The National Center for Education Statistics (NCES) estimates that 30 percent of all entering freshmen are considered first-generation college students (FGCS). Regardless of our different roles in Higher Education, we all work with FGCS. This round table discussion aims to celebrate the journey our students make in coming to college and discuss memorable strategies to support their success.

Harjati, Leilani — University of Hawai'i at Mānoa

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 1

Session Topic: Curriculum, Research and Development **Session Chair:** Yeo, Sheunghyun

The Development of Constructive Mathematics Task Framework

This session documents the development of a comprehensive task analysis framework (the Constructive Task Framework) to be used to indicate the relative quality of mathematical tasks. We provide an introduction to the framework and illustrate the usefulness of the framework for teachers to determine task quality. Results show the framework effectively reflects task quality based on student mathematical activity and cognitive demand.

Yeo, Sheunghyun — University of Missouri

Kim, Jinho — Daegu National University of Education

Kwon, Nayoung — Inha University

Colen, Jung Youn — St. Margaret's School

Establishing Interdisciplinary Collaborative Undergraduate Research in the upper level chemistry lab: Impact on Student Skills and Engagement

This paper highlights the establishment of interdisciplinary collaborative projects in the upper level undergraduate chemistry lab with researchers across campus. This is a win-win

collaborative initiative whereby researchers have access to high-end analytical instrumentation and expertise and students get to tackle research that is authentic and broadly relevant beyond the classroom. Performance measures and assessment of the impact of the experience on students' enthusiasm and confidence are described and preliminary results reported.

Rabah, Ghada — North Carolina State University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 2

Session Topic: Other Areas of Education **Session Chair:** Koizumi, Kyomi

The Relationship between Competency and Employment Satisfaction: A Case Analysis of Generic Skills using PROG Scale Evaluation

The purpose of this research is to clarify the existence of competencies that don't always have a positive impact on job hunting and to consider how to apply it to university education. As a result of research study using PROG scale evaluation, there was a relationship between student's "Teamwork skills", "Problem solving skills" and students who had problems with employment.

Koizumi, Kyomi — Sagami Woman's University

Sugiyama, Akira — Rikkyo University

Making Sense of Competency Based Education

Competency-based education (CBE), an increasingly popular instructional model, is characterized by mastery-based advancement; differentiated support based on personalized needs; measurable learning objectives; and learning outcomes emphasizing knowledge creation and application and developing important skills and dispositions. Still, there is limited research on CBE as a school- or instructional-model. We examine the organizational practices of CBE schools, how teachers make sense of CBE, and what challenges teachers and administrators face in implementing a CBE model.

Bingham, Andrea — University of Colorado Colorado Springs

Adams, Matthew — University of Colorado Colorado Springs

Stewart, Randall Lee — University of Colorado Colorado Springs

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Patrick, Le'Brian

Borderline Education: Fostering Student Success through Faculty Development

This talk will focus on the lessons learned about teaching from the experience of becoming a student again in an international context. It will focus on the challenges that ESL students may encounter as they navigate educational spaces in foreign contexts. Lastly, it will provide suggestions for faculty to provide support for their international students through their own global development.

Patrick, Le'Brian — Glendale Community College

Investigating the Difficulties for University Learners of English in Japan of CEFR B1-level Phrases

This study examines the variations in difficulty encountered by university learners of English in Japan with regard to English phrases that are classified as CEFR B1 level by the English Vocabulary Profile (EVP). The results obtained show that there was a wide variation in the difficulty measures of the 60 investigated phrases, and that recognition and production showed a discrepancy in terms of level of difficulty.

Matsuzaki, Takeshi — Meiji University

Administrator Challenges of a Conversation Partner Program

The inclusion of a conversation partner program within an ESL school or institution is a double-edged sword. While it presents a range of challenges for directors or school managers, the conversation program will also provide opportunities for the growth of ESL students in their English studies.

Agullana, Patrick — University of Hawai'i at Mānoa

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 4
Session Topic: Reading Education **Session Chair:** Masterson, Jessica

Making "Readers in Society": School-Sanctioned Literacies in a Remedial Reading Class

Author will present on ethnographic research of a secondary remedial reading class, focusing on students' experiences with literacy both within and beyond school. Findings suggest the need for educators and teacher educators both to broaden their concept of what counts as literacy, and to encourage students (particularly those from marginalized communities) to bring, practice, and create their own literacies as part of their formal education.

Masterson, Jessica — Indiana State University

Enhancing Recognition and Engagement in Literacy and Social Studies for English Learners through Thematically-Categorized Literature: Focus on Filipinos and Filipino Americans

This paper focuses on the use of multicultural literature in facilitating reading and writing. The notions of identity recognition and student engagement are presented as well as the importance of using multicultural literature as vehicles for highlighting these notions. The process of creating thematic curriculum unit using multicultural children's books is discussed and the powerful themes and portrayal of diverse cultural groups in the books are featured.

Lalas, Jose — University of Redlands

The Interactions between Anti-Refugee Rhetoric, Monolingual Language Ideologies, and Refugee Literacy in the United States and Australia: A Comparative Case Study

The purpose of this study is to examine the interactions between anti-refugee rhetoric and discourse and monolingual language ideologies and refugee literacy. I used a critical comparative case study approach (Bartlett & Vavrus, 2017) in order to explore the ways in which broader English language education policies impact what happens in the reading classroom with refugees in Australia and the United States.

Clark, Ellen — George Mason University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education **Session Chair:** Crabtree, Bill

Experiential Learning Utilizing Professional Partnerships in Music Production

This presentation illustrates an experiential learning capstone course for commercial songwriting and music production students. student songwriters and sound engineers work with award winning songwriters and musicians to write, produce, and record songs in professional studios on Music Row in Nashville Tennessee USA. This collaborative and interdisciplinary project involves graduate and undergraduate students in the Department of Recording Industry at Middle Tennessee State University.

Crabtree, Bill — Middle Tennessee State University

Blackmon, Odie — Middle Tennessee State University

Recentering Agency in Dealing with New Curriculum

Implementation of new curricular will start from April, 2020, in schools in Japan with further emphasis on English language education and the introduction of programming education. Educators, parents, and students face the 'unknown'. It causes concerns, aspirations, and opportunities amongst them. Our presentation focuses on an ongoing investigation of cross-disciplinary workshops, 'programming education in English', offered to the community in a rural area of Japan where such opportunities outside schools are fairly limited.

Araki, Naoko — Akita International University

Agnello, Mary Frances — Akita International University

Domenach, Florent — Akita International University

Interdisciplinary Approaches to the Teaching of Plastic Pollution in Higher Education

The education of plastic pollution is seldom interdisciplinary in nature. This paper draws upon years of classroom instruction from a cross-disciplinary and team-taught university course on plastic pollution that is intended to answer the question "How can we begin to tackle such a 'wicked' problem, one so complex it seems impossible to solve?" The paper provides conclusions and ways forward to investigate the plastic problem, integrate expertise across disciplines, initiate action, and innovate solutions.

Burke, Adam — Hawaii Pacific University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education **Session Chair:** Arguera, Stephanie

The Impact of Place-Based Learning on Latinx youth within a University Neighborhood

University environments can be toxic to their surrounding communities, inadvertently reinforcing a negative reputation, among other disadvantages, upon non-college-enrolled neighbors. This prolonged participant observation and interview-based research utilizes place-based learning (PBL) projects, (youth-designed murals, summer theatre camp, and street renaming project) as focal points, in order to elicit insight about Latinx students' relationship with the concentrated university neighborhood in which they live and its impact on their self-identification as possible future college students.

Arguera, Stephanie — University of California, Santa Barbara

Development and Application of the Ethical Consulting Program Module for the Democratic Civic Education of North Korean Refugees

Park, Hyoung-Bin — Seoul National University of Education

Out-Of-Field Teaching – Should We Be Concerned?

Teachers teaching subjects they are not qualified for is a reality in schools. Should we be concerned about out-of-field teaching? Do students deserve to be taught by teachers who "know their stuff"? This session will focus on research related to out-of-field teaching and implications for the quality of teaching and learning in classrooms.

Alvaro, Joe — The University of Sydney

Can a Student's Perception of a Math Course Lead to Positive or Negative Student Performance?

Most students tend to perceive math courses as a difficult challenge to overcome. But student perception can be related to student performance in this course. Many people would say that perception is the very first way that a student decides on whether they will pass or fail a course. The goal of this research is to see if there is a link between the two concepts and whether it can assist professors in finding ways to look at student perception in order to predict the performance of students in the course.

Davis, Antoinette — Embry-Riddle Aeronautical University and Colorado State University-Global Campus

Engaging Middle School Students in Science through Sports Summer Program

This proposal focuses on Science through Sports summer program designed to develop middle school students' proficiency in science and computing. The broader objective of the program was to use sports as a tool for developing middle school students' computational and scientific thinking skills, science knowledge, sophisticated worldviews regarding the nature of science, and identification with computing and scientific communities of practice.

Galoyan, Tamara — Drexel University

Barany, Amanda — Drexel University

Ward, Nahla — Drexel University

Donaldson, Jonan — Drexel University

Hammrich, Penny — Drexel University

Preparing STEM Teachers in Culturally Relevant Practices

A two-pronged approach for preparing STEM teacher candidates in cultural proficiency will be shared. The first prong lays the foundation of understanding about what culture means and how it impacts the educational process. The second prong centers on explicit teaching of three culturally relevant practices (1) building relationships with students, (2) planning culturally responsive lessons, and (3) implementing specific culturally responsive practices.

Cuddapah, Jennifer — Hood College

Ann Stewart, Ann Stewart — Hood College

Stromberg, Christopher — Hood College

Investigating the Causal Effects of the Foundation of College Math Program in Delaware by Using Propensity Score and Regression Discontinuity Analysis

Remedial education is usually offered by 2-year and 4-year colleges and universities in the United States. Over the last four years, Delaware Department of Education has intervened at an earlier stage by providing Foundation of College Math course in high school to prepare graduates to be college ready. I propose to apply both regression discontinuity design (RD) and propensity score design (PS) to estimate the causal effects of FCM course on students' postsecondary outcomes.

Wang, Rui — University of Delaware

May, Henry — University of Delaware

Shen, Ye — University of Delaware

Promoting Biliterate and Bicultural Students in an Urban School District via Dual Language Immersion

This session will highlight how a minority majority urban school district, where all 67 schools and programs are designated school-wide Title I, turned around a failing charter dual language school to an achieving district magnet school. After the school failed to renew its charter, the district leadership took possession and devised a complex plan with a team to restructure and rebuild it for the school community.

Normil, Chantal — Clayton County Public Schools

Wiley, Monika — Clayton County Public Schools

Thompson, Katrina — Clayton County Public Schools

Ho'oponopono (Conflict Resolution): A Hawaiian Cultural Protocol for Use in Schools

Ho'oponopono is an Indigenous Hawaiian cultural practice used to set relationships right. This process has distinct phases: opening and statement of the problem; conversation phase in which participants share their thoughts; resolution phase including statements of personal responsibility and forgiveness; closing phase summarizing what has taken place. School communities (staff, leaders, families, community members, students) can use the principles of ho'oponopono to resolve conflicts and strengthen relationships toward one goal: honoring and doing what is right for all.

Schumacher, Jane — University of Phoenix

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership **Session Chair:** Brown, Zachary

Sustaining the Future of HBCUs through the Development of Institutional, Business & Industry and Community Partnerships

Despite a lack of equitable federal and state funding support, HBCUs continue to thrive through other streams of support. Using interviews, this proposed paper will examine the role of HBCU presidents in establishing institutional, business industry, and community partnerships that allow HBCUs to continue their mission of supporting underrepresented students.

Brown, Zachary — Purdue University

Esters, Levon — Purdue University

Williams, Janelle — Rutgers University

The Perception of Middle and High School STEM Teachers from High Poverty Schools on Job Satisfaction

Description With a high rate of teacher turnover and teacher vacancies, high poverty, rural schools in the United States, struggle to maintain the tenure of STEM teacher leaders. This presentation will share insights from STEM teacher leaders who teach children aged approximately 11-18 years old. It examines what responsibilities and aspects of teacher leadership they enjoy and what frustrates them.

Zeis, Jodi — Francis Marion University

Amplifying Whispers: Privileging the Voices of Black Women Doctoral Students

This qualitative study privileges the voices of Black women doctoral students to challenge the racialized and gendered marginalization of the participants using critical race theory, intersectionality, and endarkened feminism. The findings illustrate the need to expand existing policies to ensure inclusion is addressed in research, advocacy, and programmatic interventions.

Machera, Joelina Robinson — Pepperdine University

Improving Student Attendance through Improving School Climate and Practicing Transformational Leadership

This paper uses data from the Program for International Student Assessment (PISA) 2015 to examine the associations between transformational leadership and school climate with student absence among 15-year-old in the United Arab Emirates. Results show that an association between practicing a high level of transformational leadership in school was associated negatively with student absence after controlling for the demographic variables. Receiving teacher fairness and having school clubs are two strong indicators of school climate in reducing student absence.

Altamimi, Majed — University at Buffalo

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Davis, Lauren Dotson

Common Core and the Continued Socioeconomic Achievement Gap: How Can We Better Prepare Future Teachers?

This paper discusses a longitudinal study of North Carolina middle level student proficiency levels on standardized assessments since the shift to the Common Core curriculum. Student poverty and its impact on student achievement the focus of this paper, and this study analyzes long-term proficiency trends and while delving into inequity implications regarding socioeconomic status. Recognizing the impact of poverty on student achievement as measured by standardized tests, the author questions the explicit practices of teacher preparation programs in preparing teacher candidates to work with students of poverty, specifically pertaining to the middle level student.

Davis, Lauren Dotson — Montana State University

Authentic Contexts for Teacher Education: Preparing Teachers within Urban Schools and Communities

This case tells the story of how one program prepares candidates in authentic contexts: urban schools, classrooms and communities. The session will share stories of methods courses aligned with INTASC and CAEP standards that are taught in authentic contexts, helping candidates learn to be effective and responsive educators. The session will demonstrate how learning in context helps prepare effective teachers. Program job placement data and graduate success data will be shared.

Waddell, Jennifer — University of Missouri, Kansas City

DeGraff, Tricia — Academy for Integrated Arts Charter School

Reforming Teacher Education by Means of Learner-Centred Pedagogy: The Case of Cambodia

This contribution reviews Cambodia's teacher education reforms in the light of learner-centred pedagogy (LCP) as promoted by international stakeholders (e.g. the Unesco). It questions if and in which ways LCP's underlying assumptions and expectations can be aligned with existing modes and values of teaching in Cambodia. Findings derive from an ongoing project on capacity building in higher education in South Asia, which aims at improving teaching skills and teacher education.

Bohlinger, Sandra — University of Dresden

Riding a Roller Coaster: Improving the Landscape of Teacher Preparation Through Strengthening Partnerships

This session will describe a tripartite partnership for improving teacher preparation. Partners include Brooklyn College School of Education, New York City Department of Education, and US PREP, a technical assistance provider. This funded project focuses primarily on enhanced preparation of teacher candidates to effectively teach P-12 students from historically underserved communities. Presenters will share how we accomplished key objectives of the project and strengthened both our teacher education programs and our partnerships throughout the process.

Bedford, April — Brooklyn College

Lee, Yoon-Joo — Brooklyn College

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 2
Session Topic: Counselor Education - Workshop **Session Chair:** Ghoston, Michelle

Successful Dissertation Advising in Counselor Education: What Works?

Nearly 100,000 students pursue a doctoral degree in the United States every year (Jairam & Kahl, 2012), yet little is known about how faculty advisors support students through the dissertation process. This presentation will share research findings from a recent study examining strategies used in Counselor Education programs to help doctoral students successfully navigate the dissertation process. Attendees will leave with specific strategies that can be used to support doctoral students through this integral process.

Ghoston, Michelle — Wake Forest University

Grimes, Tameka — Virginia Tech University

Graham, Jasmine — Indiana University – Purdue University Indianapolis

Grimes, Justin — Virginia Tech University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 3
Session Topic: Health Education - Panel **Session Chair:** Thiel-Barrett, Ann

Infusing Humanity With Technology Use in Nursing: Keeping the Human Connection

Although the use of technology has made certain tasks and procedures more efficient and safer for the nursing profession, it has the capability to overwhelm the art of nursing of its human caring aspects. Utilizing technology and providing relationship-based patient care epitomizes an integrated approach in nursing education. This novice to expert panel explores strategies to balance the use of technology that cannot replace the human touch that nurses bring to the patient encounter.

Thiel-Barrett, Ann — Drexel University

Fay-Hillier, Theresa — Drexel University

Parker, Penny — Drexel University

Shattuck, Meaghan — Drexel University

Solecki, Susan — Drexel University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology **Session Chair:** Johnston, Melissa

Empowering Teacher Librarians to Support STEM Education: Preliminary Findings

This paper session will present preliminary findings from quasi-experimental research conducted to determine the influence of professional development on school librarians' knowledge, skills, and abilities to support STEM education in their schools.

Johnston, Melissa — University of West Georgia

Development of a Video Annotation System to Support Peer Review and Self-Reflection in Microteaching with Portable Mobile Devices and Verification of Teaching Skills

Currently, in Japan, there is an emphasis on the training of teaching practical skills in pre-service education. The purpose of this study was to verify that it is effective for improving the teaching skills of pre-service teachers by utilizing a VOVAM in an asynchronous online environment that employed portable mobile devices. Thus, we designed a microteaching task for improving teaching skills and conducted practice learning.

Kurata, Shin — Tokyo Institute of Technology / Nagasaki University

Takashi Fujiki, Takashi Fujiki — Nagasaki University

Murota, Masao — Tokyo Institute of Technology

Effectiveness of Google Jamboard in Competency Based Education

We provide a brief overview of Interactive White Board (IWB) features and demonstrate the capabilities of the Google Jamboard (a recent introduction to the marketplace). We then present our methodology and results from a 16-week classroom study to examine the effectiveness of using the Jamboard in Competency Based Education (CBE) activities as compared to the traditional classroom whiteboard. We conclude by offering recommendations for improvement arranged into 1) Physical, 2) Functional, and 3) Organizational categories.

Kirkwood, Laurie — Red River College

Peters, Randal — Red River College

E-Sport Practices and Experiences: Educational Impacts on 522 University E-Athletes

Esports are winning social and professional recognition and gaining a foothold at universities. This article reviews the fledging research on esports and presents the conclusions of a study on the esports practices of 522 university e-athletes. The four-fold aim was to: 1) determine their training methods and conditions, 2) describe their physical training routines, 3) describe their esports practices and experiences, and 4) better assess the potential for esports to achieve recognition as legitimate sports.

Karsenti, Thierry — University of Montreal

Time: 11:30 AM - 12:15 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1
Session Topic: NGSS Assessment (Hands-on Workshop) (Far West ASTE Session) **Session Chair:** Lardy, Corinne

Hands-on Science Performance Assessment of the NGSS Three Dimensions: An Effective Formative Assessment Strategy

Whether you're looking for innovative hands-on instructional activities or for hands-on assessment tasks, you'll gather several ideas in this session. We will share hands-on science tasks that can be used for instruction and that can easily assess mastery of conceptual understanding of core ideas and crosscutting concepts, as well as science and engineering practices. Engage with a hands-on science performance assessment task. Learn a protocol to develop hands-on tasks that you can teach others.

Tucker, Deborah — Independent Science Education Consultant

Gardner, Grant — Assessment Services, Inc.

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Beddoes, Kacey

Boundary Negotiating Artifacts for Interdisciplinary Communication

While recognizing the importance of teamwork in higher education, the challenges of teamwork – particularly interdisciplinary teamwork – must also be understood. In order to advance understandings of how best to facilitate interdisciplinary teamwork, this project examines and identifies Boundary Negotiating Artifacts as a framework for both studying and facilitating interdisciplinary teamwork. The workshop is based on a study of Boundary Negotiating Artifacts in a year-long ethnographic study of a collegiate design competition team.

Beddoes, Kacey — San Jose State University

Brown, Shane — Oregon State University

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Van Der Horn-Gibson, Jodi

Knowledge Is a Verb: The Impact of Instructional Rubrics on Students' Nonverbal Communication Skills

The session is appropriate for both new and established practitioners, teachers, and researchers. During the time, we will detail our examination of nonverbal communication as a “fundamental principle of good communication” and the process through which we analyzed the efficiency of instructional rubrics as an effective intervention for developing them. We argue that the use of instructional rubrics can also help students develop awareness of the difference between knowing a concept and understanding a concept - the difference between knowledge as a noun versus a verb (Wiggins and McTighe 36; 42).

Van Der Horn-Gibson, Jodi — City University of New York - Queensborough Community College

Klepper, Ashlie — City University of New York - Queensborough Community College

Time: 11:30 AM - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Bathina, Jyothi

The Learning Life Map - A Tool for Reflective Teaching

In this workshop, participants will be introduced to a highly effective tool the presenter has used with hundreds of K-12 teachers and students. The Learning Life Map encourages deep self-inquiry and reflection on one's own perceptions, biases and approaches to teaching and learning. Participants will create their own life maps and share within small groups, allowing them to directly experience the impact the method can have on their teaching.

Bathina, Jyothi — National University

Time: 12:20 - 1:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1

Session Topic: Preservice Science Teacher Education (Roundtable Presentations) (Far West ASTE Session) **Session Chair:** Martin-Hansen, Lisa

Exploring the Impact of the 5E Model of Learning Cycle on the Preparation of Secondary Pre-Service Science Teachers

The 5E Model was implemented as an instructional strategy in a science teaching methods course. Students wrote free-response essay as pre- and post-test, addressing the question, "How should science be taught?" Analysis of pre-post essays will be presented to indicate the influence of the 5E Model of Learning Cycle on secondary pre-service science teachers' understanding of elements of effective science instruction.

Dass, Pradeep (Max) — Northern Arizona University

Performance Assessment in Science Teacher Education: A Comparison of Noyce and non-Noyce Scholarship Participation

This study examines performance assessment data from 93 science preservice teachers and compares those who received Noyce Scholarships versus those who did not. Findings indicate a statistically significant difference in favor of the Noyce recipients, who performed better than the non-Noyce recipients in the domain of academic language. Using performance assessment and Noyce data to improve science teacher education is a major implication of this study.

Porter, Jenna — California State University, Sacramento

Sessoms, Deidre — California State University, Sacramento

Buxner, Sanlyn — University of Arizona

Faculty Learning Communities: An Innovative Approach to Improving Collaboration Between Science Teacher Educators and Science Disciplinary Faculty

The Faculty Learning Community model has been successfully used at our large regional comprehensive university to build collaborative relationships across science disciplinary faculty and science teacher education faculty. This has resulted in more effective recruitment strategies to bring excellent science students into teaching certification programs; new undergraduate early field experience coursework, some of it co-taught with STEM faculty; increased grant funding; and a more cohesive ecosystem as we work together to improve science teacher preparation.

Sessoms, Deidre — California State University, Sacramento

Connecting the Three Dimensions for Preservice Teachers

This study examines preservice teachers (PST)s' knowledge and perceptions on NGSS, specifically the integration of 3 dimensions in a lesson segment. The PSTs engaged through participation in their science methods teaching course. The results show that PSTs had a general understanding of NGSS and shared a belief in the value of multidimensional and integrated approach to teaching science. However, they struggled with effectively integrating the 3 dimensions of NGSS beyond a surface level.

Sinapuelas, Michelle — California State University, East Bay

Huang, Hui-Ju — California State University, Sacramento

Lardy, Corinne — California State University, Sacramento; Far West ASTE Regional Director

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 1

Session Topic: Special Education **Session Chair:** Peterson, Patricia

Special Education on the Border: Preparing Doctoral Students and Teachers to Serve English Learners with Disabilities

Keys to success for doctoral and teacher preparation programs (Bachelors, Masters, Doctoral) meeting the needs of English Learners with disabilities in rural schools on the border with Mexico. Programs focus on developing culturally responsive special educators and faculty knowledgeable about challenges and solutions to serve culturally linguistically diverse special education students in rural border areas.

Peterson, Patricia — Northern Arizona University

Ableism and Teacher Burnout

The purpose of this paper is to provide discourse about improving positive impact and outcomes for students with disabilities because teacher burnout occurs NOT because of student disability, but because of the lack of support and negative attitudes within school structures. It shares the observations, applications, and parallels for improvements in special education and special education leadership in Saudi Arabia.

Althobaiti, Shatha — Taif University and Concordia University Chicago

The Effectiveness of an Educational Portfolio for Developing the Competencies of Special Education Teachers to Reduce Ablesim

The effectiveness of an educational portfolio for developing the competencies of special education teachers in terms of planning the learning environments and social interactions to reduce ablesim, According to Professional Practice Standards of the Council of Exceptional Children (CEC)

Al-hazmi, Huda Salim — Concordia University

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 2

Session Topic: Other Areas of Education - Workshop **Session Chair:** Robbins, Sherard

All Aboard!: Diversifying Your Hiring with All Intent and Purposes

With the vast majority of universities being predominantly white institutions, inclusionary practices can remain amiss. The absence of inclusive norms impacts subjugated and marginalized groups in ways that have profound implications for the institution. The foundational response to diversity of thought is to establish hiring practices that address multicultural needs. Speaking to the challenges that prohibit diversity in hiring, this session will focus on the importance of being brave and ethical when hiring.

Robbins, Sherard — Visceral Change

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Sinclair, Stacey

Making Education HIP: A Case Example of Systematic Integration of Interdisciplinary High Impact Practices (HIP) into the Curriculum

The Weber Honors College at SDSU has successfully embedded high impact practices (HIPs) into its curriculum while simultaneously making them accessible to a diverse student body. The Weber Honors college ensures participation in HIPs by embedding them into a systematic curricular and co-curricular pathway that is concentrated on interdisciplinary studies. This workshop will focus on both the benefits and the logistics of institutionalizing a coherent framework of high impact practices that supports inclusive excellence.

Sinclair, Stacey — San Diego State University

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education **Session Chair:** Gleit, Rebecca

Perceptions of the Necessity and Utility of Police in Schools

This study uses a survey experiment to better understand in what situations people think it is appropriate and/or necessary to bring the criminal justice system into schools in the form of school police officers. It also examines the degree to which this may be a result of race-based perceptions and stereotypes.

Gleit, Rebecca — Stanford University

A Qualitative Study on Educational Experiences of Students with Multicultural Family Backgrounds

This study attempts to examine how the foreign-born immigrant youths perceive their initial educational experiences in a school system in Korea and explore how these youths describe constraints of their learning experience.

Sim, Mikyung — Youngsian University

A Disenfranchised Notion of Econocide: As a Calculated Conspiracy

This essay includes an analysis of the book, "Econocide: Elimination of the Urban Poor" by Alice Skirtz, a narrative written as a qualitative study. I argue that these groups of the unwelcomed and unwanted being displaced often times end up worse off than before these public-private partnerships are constructed. In this paper, I have offered an alternative dialogue broken from the status quo push for public-private partnerships and its interdisciplinary and global implications.

Dieng, Nefferitti — Pepperdine University

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Kahili 1
Session Topic: Distance Education - Panel **Session Chair:** Chamillard, Tim

UCCS Teacher Mentor Program: Building a Successful Online Enrollment Program for Colorado High School Students

This panel session will give information about an innovative and collaborative program which addresses online concurrent enrollment of high school students. The interactive session will give attendees information about the successes and challenges of this unique program and will allow attendees to walk away with tangible information they can possibly use in their own high schools, colleges, and universities.

Chamillard, Tim — University of Colorado

Bennett, Candida — University of Colorado

Bisset, Karen — University of Colorado

Programming Education of IoT Based on ECHONET Lite for Overseas Students

This paper describe a project of programming education of creating IoT device based on ECHONET Lite for overseas students. The ECHONET Lite is an IoT communication protocol, that is most common used for smart house technology in Japan. For the education, we develop two types of programming materials for LabVIEW and M5Stack, and teach them using these materials.

Sugimura, Hiroshi — Kanagawa Institute of Technology
Keishin, Koh — Kanagawa Institute of Technology
Fujita, Hiroyuki — Kanagawa Institute of Technology
Isshiki, Masao — Kanagawa Institute of Technology

Identifying and Supporting Twice-Exceptional Students to Achieve and Matriculate into STEM Fields

This poster will showcase Project TEAMS (Twice Exceptional students Achieving and Matriculating into STEM), which aims to scale up and evaluate a model designed to increase the number of middle school Native Hawaiian, Native American, Pacific Island, and Hispanic students, identified as “mathematically promising.”

Park, Hye-Jin — University of Hawai‘i at Mānoa
Takahashi, Kiriko — University of Hawai‘i at Mānoa & The University of Tokyo
Feliciano, Jerrik — University of Hawai‘i at Mānoa
Wee, Samantha — University of Hawai‘i at Mānoa
Nip, Kendra — University of Hawai‘i at Mānoa
Kitami, Yoko — University of Hawai‘i at Mānoa
Guillen, Alejandro — University of Hawai‘i at Mānoa
Malmud, Max Kekai‘oli — University of Hawai‘i at Mānoa
Dabrowski, Megan — University of Hawai‘i at Mānoa
Chin, Viki — University of Hawai‘i at Mānoa

Engaging STEM Students through Active Learning

Have you ever wondered how to engage all of your students in a large class? Do you want to use your classroom time more effectively? Have you heard the term active learning before but are unsure how to start incorporating it? Learn first-hand how to actively engage your STEM students and have the responsibility of learning shift from instructor to the student, allowing for deeper analysis during class time.

Shryock, Kristi — Texas A&M University

Experiences from The Norwegian Centers for Gifted and Talented Students in STEM - What are the Student’s Learning Outcomes?

In 2016, Norway’s government established four national educational centers for gifted and talented students in STEM activities. These centers have three years of experience, and we will in this paper review some of the students’ experiences and outcomes at a center for Gifted and Talented students in STEM.

Svendsen, Bodil — Norwegian University of Science and Technology
de Klerk, Safina — Oslo Center for Gifted and Talented students in STEM

Perspectives of Community College Students on Food Insecurity and the Fuel for Success Food Campaign

This presentation will summarize a pilot research study conducted on the perspectives of a group of diverse community college students of various nationalities on food insecurity and the Student Health and Wellness Center’ Fuel for Success Food Campaign at one of Montgomery College’s campus in Maryland. The goal of the session is share to results from the pilot study and solicit feedback on taking the study to scale.

Farmer, Carmen Poston — Drexel University

Influencing Factors of Learning Attitude of Middle School Students - Based on the Shanghai Survey of PISA2012

My presentation is about influencing factors on 15-year-old students’ of their learning attitude. And the sample is targeting Shanghai of China from PISA(2012) . The study found that, at the student level, personal perseverance, school sense of belonging and school education adaptability have significant positive impacts on their own learning attitude. However, the impact of academic performance on learning attitude is very weak.

Xia, Xue — Northeast Normal University
Wei, Xing — Changchun Vocational Institute of Technology

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Nautilus 1
Session Topic: Educational Foundations - Panel **Session Chair:** Mitchell-Pellett, Mary-Ann

Leading with Heart: Facilitating Mindful and Empowering Connections

Participants will learn about the experiences and insights of educators who were part of a four-course topic specialization in a graduate program for emerging leaders that explored the meaning and benefits of heart-led leadership. Specifically, participants will learn how cultivating mindfulness, wisdom, and vision together with engaged action, transformed the perspectives, identities, and practice of new leaders. Opportunities to engage with the program creators and student presenters will be encouraged throughout the guided discussion.

Mitchell-Pellett, Mary-Ann — University of Calgary

Burns, Amy — University of Calgary

Cameron, Jacqueline — University of Calgary

Chrol, Robert — University of Calgary

Strome, Krista — University of Calgary

Talbot, Lisa — University of Calgary

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership - Workshop **Session Chair:** Danna, Stephen

The Teacher Leader Project: A P-20 Collaboration Promoting Teacher Leadership Within P-12 Schools

We will describe the Teacher Leader Project (TLP), an upstate New York P-20 collaboration designed to help districts thrive by empowering teacher leadership. Research shows shared leadership promotes trust, positive school culture, collective efficacy, and student learning. With feedback from graduates of a grant-funded SUNY Plattsburgh Teacher Leadership Program expressing their desire to assume greater leadership within their schools, the TLP was created. Successes, challenges and lessons learned will be shared. Questions will be encouraged.

Danna, Stephen — SUNY Plattsburgh

Romano, Annette — Niskayuna Central Schools

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 1
Session Topic: Higher Education **Session Chair:** Marković, Ljiljana

Learner Autonomy Didactics in the Teaching of Cultures

The authors of this paper will analyze the ways in which the application of Learner Autonomy Principles has become a precious tool in Culture Studies. Established within the Bologna Educational Universe as the leading principle of education and didactics, the principle of Learner Autonomy has enabled enlightened teachers to enhance and truly support their students, even in the case of large classes, on the path of self-attainment of information, analysis and knowledge acquisition.

Marković, Ljiljana — University of Belgrade

Francuski, Biljana Đorić — University of Belgrade

Innovative Learning Spaces to Promote Active Learning in Post-Secondary Education. A Case Study.

The faculty of a Critical Care Nursing Program is transforming the boundaries of adult education by creating innovative learning spaces and curriculum to promote active learning and collaboration. This presentation will followed the transition from lecture style environments to innovative active learning classrooms. These innovated changes incorporated a redesign of classroom spaces including furniture layout, to enabling the integration of multimedia alongside collaborative theory discussions with multiple screens within the classroom.

Parker, Lara — British Columbia Institute of Technology

Ladha, El — British Columbia Institute of Technology

Identifying & Responding to First-Year Student Struggles

This presentation aims to discuss work-in-progress in addressing common first-year, at-risk student struggles at the University of New Mexico. Discussion will include Fall 2018 survey development, implementation, results, immediate response, and innovative projects which will be implemented in the Fall 2019 semester. Data will be presented to show the effectiveness of these new projects, with anticipation of thoughtful discussion and feedback from conference attendees.

Montoya, Lisa — University of New Mexico

Innovative Extra-Curricular Experiences for Students in the Digital Humanities at the University of Southern California

In our environment of rapid change in higher education, there is a growing need to provide innovative curricular and extra-curricular pedagogical experiences for students through collaborations of faculty, experts, artists, designers, and fellow students whose shared focus is the Digital Humanities. This paper reviews salient aspects of current teaching and curricular approaches to the Digital Humanities, as exemplified by the programs offered at the Ahmanson Lab at the University of Southern California.

Mihram, Danielle — University of Southern California

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 2
Session Topic: Educational Psychology - Workshop **Session Chair:** Pagani, Linda

Sedentariness and Physical Activity: Two Challenges for Optimal Student Development

In this workshop, we will define sedentariness and physical activity and acknowledge the long-term developmental associations with screen time. We will learn applications of the pediatric guidelines for both screen time and physical activity education as protective factors for optimal child development. Participants will become acquainted with the Positive Youth Development view of youth as having 'resources to be developed' within their school and social environments which build their strengths and foster development.

Pagani, Linda — University of Montreal

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 3
Session Topic: Educational Administration **Session Chair:** Burleigh, Cheryl

Strategic Mentorships Encouraging High School Females to Enroll in the Physical Sciences: Twenty Years Later

The power of strategic mentorships can be facilitated by educators. When urban female high school students are introduced to non-traditional role-models, professions typically dominated by men, the results produced an environment of encouraging enrollment in the physical sciences and pursuing non-traditional careers. This narrative analysis revisits the original participants and their stories shared gives hope that positive strategic interventions can have a lasting impact on the population served.

Burleigh, Cheryl — University of Phoenix

Leading Through Culture-Centered Conflict in Education

This paper advances important information about escalating social and cultural tensions impacting schools and complicating efforts to equitably and effectively educate members of an increasingly diverse society. Starting with a review of literature on cultural awareness and leadership training, this paper provides an update on current challenges facing school leaders and outlines practical options for addressing obstacles that keep increasing in frequency and complexity.

Hughes, Thomas — Northern Arizona University

The Role of Trust in Leadership: Perceptions of Estimable Superintendents

Drawing from the experiences and insights of exemplary superintendents, this paper advances important information about trust and the important role it plays in high quality educational leadership. Impressions shared by a dozen award-winning Arizona administrators are addressed in a thought-provoking examination of trust's origins, contributions and limitations, with the paper ultimately focusing on useful recommendations for practicing administrators.

Davidson, Frank — Northern Arizona University

Hughes, Thomas — Northern Arizona University

Transformational Principal Leaders and Their Effect on Teacher Commitment

This paper advances important information on school leadership by delving into ways principals who employ a transformational approach are able to successfully motivate teachers who maintain a long-term commitment to serving their students and schools. Starting with original data comparing the approaches and effectiveness of transformational principals, as contrasted with transactional and laissez-faire principals, the paper presentation ultimately provides attendees with insights into positive strategies for both short-term and long-term leadership success.

Granillo, Sam — Northern Arizona University

Hughes, Thomas — Northern Arizona University

Davidson, Frank — Northern Arizona University

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 4
Session Topic: Higher Education - Workshop **Session Chair:** Bonner II, Fred

Models of Success: Identifying Factors that contribute to faculty production of Minority STEM Graduates: Implications for HBCUs and Beyond

As minority populations continue to increase, their participation in the STEM workforce will be critical to the health of our growing economy. Thus, one of the most important areas of focus should be on increasing minority STEM graduates. A significant facet of this is to understand the role faculty should play in preparing these students and assisting with their matriculation to graduation and ultimately their participation in the workforce.

Bonner II, Fred — Prairie View A&M University

Smith, Stella — Prairie View A&M University

Marbley, Aretha — Texas Tech University

Frizell, Sherri — Prairie View A&M University

Time: 1:15 - 2:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1
Session Topic: Modeling NGSS for Teachers (Hands-on Workshop) (Far West ASTE Session) **Session Chair:** Lardy, Corinne

Using Global Climate Change Related Phenomena to Develop an Understanding of the NGSS Shifts

The participants will engage in a hands-on activity that starts with an environmental phenomenon. The participants will then use the practice of modeling to explain the phenomenon and this will be scaffolded with readings. Intentional time will be spent at the end on debriefing the pedagogical shifts needed by teachers to guide students through 3-dimensional NGSS lessons and how pre-service courses at the university can model these shifts.

Vandergon, Virginia — California State University, Northridge

Gomez Zwiep, Susan — California State University, Long Beach

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Strom, Kathryn

Scaffolding Writing at the Doctoral Level: An Interactive Workshop

Many doctoral students experience challenges building a skillful writing practice in their EdD or PhD programs. In this workshop, I will ground the practice of writing at the doctoral level in three main theoretical perspectives: critical pedagogy, sociocultural/situated learning, and systemic functional linguistics. I will then engage participants in two different activities that demonstrate the operationalizing of these theories, ending with a collaborative analysis of the ways that these activities supported students to learn and practice specific features of doctoral writing.

Strom, Kathryn — California State University, East Bay

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 3

Session Topic: Higher Education **Session Chair:** Dew, Jason

The Marxist Takeover of University Discourse and the Need to Revisit Other Analytical Approaches: A Learning Technology Diffusion Case Study

The need for an innovation in higher education is clear and dire. For the public at large to regain its trust in institutions of higher learning and for there to be a return of civil discourse in the universities and on the streets, an innovation in how we frame ideas, theories, and world events must be diffused throughout the academy.

Dew, Jason — Georgia State University

Lessons Learned through Partnerships with Industrial Experts

One way of achieving program educational outcomes and course learning objectives in a professional degree program is to bring industrial experience into the classroom. The object of this work is to demonstrate the approach and methodology to create a learning environment where theories come to life through real-life problems and real data. The lessons learned through this practice are summarized, and recommendations using such approach are provided.

Dong, Yaomin — Kettering University

Time: 1:15 - 2:45 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 4

Session Topic: Teacher Education - Workshop **Session Chair:** Berns, Eric

Classroom Aquaponics

The design and implementation of classroom aquaponics systems, aligned to NGSS and AFNR standards, will be explained. Three sizes of low-cost systems (2-gallon, 30-gallon, and 75-gallon) allow classrooms to actively engage in biophilia for a purpose. Free blueprints of all systems are provided. Units were constructed, and vetted, of 15 co-curricular lessons at each of the PK-3, 4-6, 7-8, and 9-12 levels. A link will be given to gain access to the lessons.

Berns, Eric — Wartburg College

Bechtel, Michael — Wartburg College

Time: 2:00 - 2:30 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1

Session Topic: Science Teacher Education (Ignite Oral Presentations) (Far West ASTE Session) **Session Chair:** Tucker, Deborah

Note: In this session, presenters will give a fast-paced 5-minute oral presentations about their research, followed by discussion.

Fostering Meaningful Connections Between Literacy and Science for Secondary Science Preservice Teachers: A Case of Interdisciplinary Faculty Collaboration

Science teaching that is based on the Framework for K-12 Science Education (NRC, 2012) requires students to use language in the science classroom in sophisticated ways. Therefore, preservice science teachers (PSTs) must be prepared to not only teach science, but language as well. This presentation will describe an action research project in which the literacy methods and science methods instructors at one university collaborated to make explicit connections between their courses for secondary science PSTs.

Lardy, Corinne — California State University, Sacramento; Far West ASTE Regional Director

Pella, Shannon — California State University, Sacramento

NGSS and Literacy: Supporting Language in Science

High school teachers focus on science instruction in the classroom where they do not view literacy strategies as relevant (Draper, 2002, pg. 354). Our team investigates secondary science preservice teacher development to determine 1) How literacy standards align within the Science and Engineering Practices (SEPs 6, 7, 8), and 2) to what extent preservice science teachers actualize literacy strategies (create and implement) via the Science and Engineering Practices.

Martin-Hansen, Lisa — California State University, Long Beach

Ross, Donna — San Diego State University

Nelsen, Fred — California State University, Fresno

Exploration of Effective Peer Coaching for Teacher Noticing

We explored the features of a collaborative professional learning experience that supported teachers in their ability to notice. Videos of peer coaching, student work, and teacher reflections were used to identify the three key elements that were considered most effective by teachers.

Ross, Donna — San Diego State University

Drammissi, Nina — Lakeside School District

Poster Session

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Coral III

Say This, Not That: An Experiential Learning Opportunity for Public Health Students on Cultural Humility

The purpose of this class-based experiential learning project was for graduate students to understand the importance of cultural competency and humility. As a result, students created a “Say this, not that” photo display to highlight how socially accepted words can negatively impact a minority culture. Students also provided alternates to culturally appropriate terminologies for everyday use.

Becerra, Monideepa — California State University, San Bernardino

Assessing the Readability of the Centers for Disease Control and Prevention’s Preparedness Infographics: A Content Analysis

Readability of public health and emergency preparedness related content is a critical component of any published work, especially when educating the public on a specific subject matter. Established guidelines for readability suggest that reading levels should be targeted between a 4th and 6th-grade education level (i.e., United States) to avoid health disparities. This content analysis will evaluate the readability levels of the Centers for Disease Control and Prevention’s (CDC), Center for Preparedness and Response’s infographics.

Berry, David — Saginaw Valley State University

Berry, Leisha — Saginaw Valley State University

The Development of Critical & Creative Thinking Skills across the Curriculum

A key component of Japan’s Course of Study concerns the development of critical and creative thinking abilities across the curriculum. This presentation discusses three areas and suggests a number of practical ways for developing cognitive abilities across content and English language courses. Three areas are: 1. the reassignment of English language teachers’ extra-curricular duties; 2. an increase in cooperation between content subject teachers and English language teachers; and 3. the establishment of in-service, cross-curricular professional development.

Hattori, Takahiko — Otsuma Women’s University

A Study of the Effects of Speed Reading on Japanese Students

This presentation reports on the preliminary findings of a study into the effects of speed reading on Japanese high school students in terms of three areas of reading proficiency development: 1. reading-rate and accuracy; 2. knowledge of high-frequency vocabulary; and 3. general reading comprehension. The findings indicated that significant gains were made in reading-rate and vocabulary development over the course.

Hattori, Takahiko — Otsuma Women’s University

L1 Use during L2 Writing: The Effect of Planning in L1 and L2

The proposed study aims to examine how first language (L1) and second language (L2) use during collaborative planning affect the quality of L2 learners’ individual written products of L2 writers with different L2 proficiency. The proposed study looks at the effect of the language of planning on overall L2 writing quality and different aspects of L2 writing quality, and if it differentially affects higher- and lower-proficiency L2 learners’ writing quality.

Shen, Ye — University of Delaware

Wang, Rui — University of Delaware

Teaching Critical Thinking Skills in Japanese Higher Education

The purpose of this work-in-progress report is to develop effective methods of teaching critical thinking skills in Japanese universities. The author has encouraged students to read literature related to critical thinking and discuss topics of required readings. Then, the author provides students with various types of materials and requests them to evaluate the materials by utilizing critical thinking skills learnt in the course.

Nakagawa, Rika — Toyo University

Exploring the Relationships between Procrastination and Perfectionism in Undergraduates with a Probabilistic Category Learning Task

The relationship between procrastination and perfectionism in undergraduates was examined in reward and punishment learning in a probabilistic category learning task in which trials could be skipped. Both procrastination and perfectionism were positively correlated with sensitivity to punishment but not reward. Overall, procrastinators scored higher on the task based on better performance on reward, but not punishment, trials while perfectionists, but not procrastinators, tended to skip punishment trials.

Allen, M. Todd — University of Northern Colorado

Epidemics & Hunger Games: Working Together to Gamify Information Literacy Instruction...And Maybe Save the World

In this poster presentation, we will outline the basic elements and processes of creating a successful scenario and problem-based learning game as well as how specific game principles can increase student engagement and learning. We will showcase the games we created using these elements for Biology, English, and College Success courses. We will also discuss how we developed the collaborations we have with discipline faculty and share ideas for building new partnerships across disciplines.

Cwengros, Kristine — Scottsdale Community College

Rock, Serene — Scottsdale Community College

Sustained Transformation through Teacher Collaboration

This poster session will feature a work in progress report that details the findings of the first semester of a year-long mixed methods case study with the purpose of investigating the effects of teacher collaboration in an interdisciplinary course on student achievement and determining if the pilot course could be expanded and offered to all 9th graders.

Wolstein, Ashley — Concordia University Chicago & Kaiser High School

The Efficiency of Tablets on Learning Global Food Culture in "Shokuiku (Food and Nutrition Education)" Classes

This study aims to examine the efficiency of tablets in learning global food culture and diversity through the selective type school trips. The participants were able to grasp the lessons on food culture through tablets. To conclude, the use of tablets in Shokuiku classes is efficient.

Takeda, Miho — Urawa Gakuin High School
Fujikura, Junko — Kagawa Nutrition University
Obukuro, Nobue — Urawa Gakuin High School
Kanda, Shinji — Myojo Gakuen School Corporation

Practice of "Shokuiku (Food and Nutrition Education)" for High-School Students with "The Game of Healthy Life-Travels of Body Weight"

This study aims to examine the efficiency of "The Game of Healthy Life-Travels of Body Weight" in high school Shokuiku classes. The game made by our alumni incorporated elements of play and was efficient in enriching students' knowledge of eating habits, sparking students' interest, and teaching Shokuiku.

Obukuro, Nobue — Urawa Gakuin High School
Fujikura, Junko — Kagawa Nutrition University
Takeda, Miho — Urawa Gakuin High School
Kanda, Shinji — Myojo Gakuen School Corporation

Implementation of "Shokuiku (Food and Nutrition)" Classes for High School Students Aiming to Be Medical Professionals with the Use of ICT - Application of Augmented Reality (AR) in "Shokuiku (Food and Nutrition)"

Food and nutrition classes using ICT were given to high school students who wished to be medical professionals for the understanding of their eating habits and the awareness of the relationship between eating and health, and the value of using AR as teaching materials for their enjoyable, voluntarily learning was considered. It is suggested that the use of ICT in food and nutrition education develops interest and attention and the application of AR is useful.

Fujikura, Junko — Kagawa Nutrition University
Ono, Mariko — Kagawa Nutrition University
Obukuro, Nobue — Urawa Gakuin High School
Takeda, Miho — Urawa Gakuin High School

A Large Group Video Modeling Intervention to Increase Social Interactions in Inclusive Classrooms

For some young children with disabilities, learning appropriate social skills takes direct and explicit instruction, not only for the targeted child but also for their peers. Implementing a class-wide video modeling intervention demonstrated a functional relation and very high positive effects in increasing social interactions post intervention. Results generalized to the playground.

Buchter, Jennifer — Eastern Illinois University
Oh-Young, Conrad — California State University, Dominguez Hills

Experiential Learning in Host-Pathogen Research Impact on Medical Students' Interest and Attitudes Towards Microbiology and Immunology

We here explore the impact that experiential activities on host-pathogen research have on medical students' interests and attitudes towards medical microbiology and immunology. Their experience in developing a project in host-pathogen interaction increased their interest in microbiology and immunology, their confidence to do science, enhanced their science knowledge, allowed learning of science techniques that will help them in future projects and activities.

Cervantes, Jorge — Texas Tech University Health Sciences Center at El Paso
Hong, Bo-Young — Jackson Laboratory for Genomic Medicine

Fostering Computational Thinking and Interests in Elementary Robotics Classes

This current study reports our attempt to design and implement a course to foster computational thinking and interests for primary school students in Korea. We have incorporated Hamster robots for Practical Arts course in various real world problem solving contexts.

Lee, Jeongmin — Ewha Womans University
Koh, Eunji — Ewha Womans University

The Need to Educate High School Counselors about the Natural Resources Profession

High school counselors provide guidance to students about potential careers. We found a lack of awareness by counselors about careers within the natural resources profession, with most recommending being veterinarian or park ranger; however, there are over 100 career options available. Improved dialogue between the natural resources profession and counselors is needed to increase awareness of the wide range of career choices available within the natural resources profession.

Fedynich, Alan — Texas A&M University-Kingsville
Henke, Scott — Texas A&M University-Kingsville
Fedynich, LaVonne — Texas A&M University-Kingsville

Addressing the Needs of Minority Students: Integrating Group Experimental Design into a Biology Course

This project integrated inclusive teaching and learning to address the needs of all students. In order to fully engage Hispanic students in the teaching/learning process, an experimental design project was incorporated into a human physiology laboratory to involve, motivate and realize that individual uniqueness must be recognized to foster the development of the students' full potential. This project relied on the ability of the students to design, collect, analyze, and interpret the data.

Weiss, Sandra — Neumann University

Relevant International Academic Experience for Undergraduate Health Science Students

Creating relevant and engaging international academic experiences for undergraduate health science students can be challenging. As non-professionals, students cannot be allowed to practice any type of healthcare or healthcare delivery. However, with the right kind of relationship between the professors and the international healthcare facility, students can make meaningful contributions to the healthcare facility while growing in their own ability to research and critically think through health program design.

Fletcher, Wayne — California Baptist University

Boyer, William — California Baptist University

Sands, IV, Charles — California Baptist University

3D Printing in Civil/Structural Engineering

3D printing is an extremely accessible, economically reasonable, and versatile technology being utilized in numerous sectors of engineering education. However, the application of 3D printing to civil/structural engineering education and outreach is still extremely limited if not non-existent until now. This presentation will provide an overview of the motivation, design, and production of 3D printed structural elements for use in college engineering coursework and outreach.

Wong, Jenna — San Francisco State University

Using English Movies in Novice-Level EFL Classes

For novice level students, learning English grammar has its own challenge. Teachers should find a strategy to attract students' attention to learn English grammar. Using English movies to teach English grammar can be the answer. Thus, this presentation shows how to teach English grammar using movies in novice-level EFL classes at university in Japan.

Carreira, Junko Matsuzaki — Tokyo Keizai University

A Research Framework to Classify Students' Level of Geometric Reasoning

An examination of how research can be used to characterize students' geometric thinking and how this information can be used to make better instructional decisions in the mathematics classroom.

Fox, Thomas — University of Houston-Clear Lake

From the Margins to the Frame: Social Identities and a "pan-Pacific" Moana

The aim of this session is to share research highlighting the overlaps and discrepancies between the lived versus the (mis)represented experiences of Pacific Islander college-aged students. Using the talanoa research methodology, the author explores the role of identity formation and representation in Disney's recent production, *Moana*. This study will highlight the significance of elevating Pacific narratives and utilizing cultural-responsiveness in the film-making process.

Sternberg, Keara Ning — Williams College

"What Do Japanese Learners of English Know About 'Partial Rules'?" Exploring Paradigmatic Gaps in English wh-Questions

In this presentation, we present new, online, data from a Self-Paced Reading Task (SPRT) examining the time course of sensitivity to violation of lexically-specific and construction-specific rules in English wh-questions as well as other constructions, involving inversion. This research follows up on the offline results presented in Duffield & Matsuo (2019a, b). These new data allow us to probe more accurately how and when L2 learners become aware of the grammatical unacceptability of the various constructions examined in previous work.

Duffield, Nigel — Konan University

Matsuo, Ayumi — Kobe College

Assessing DocCom: A Web-Based Tool for Teaching Healthcare Communications Skills

The study aimed to assess the perceived value DocCom, a web-based learning tool that teaches basic and advanced communication competencies in healthcare, and to determine the viability of purchasing DocCom with the intention of modernizing the product in the areas of content and technology.

Sandfort, Donna — Drexel University

Cestone, Christina — University of Maryland, Baltimore

Giordano, Carolyn — Drexel University

Defining Hawaiian Creole English through a Local Lens

This study investigated participants' (N = 29) knowledge of Pidgin (Hawaiian Creole English) who lived in the greater Honolulu area. A three-part questionnaire was administered to the participants who translated sentences from Pidgin into English, English into Pidgin, and answered self-reflection questions. Results indicated that age and gender impacted the extent to which participants were familiar with Pidgin, and stressed the importance providing support for Pidgin in the public education system.

Gentry, Reginald — University of Fukui

Play It Safe: Playground Injury Prevention

Did you know the National Playground Safety Institute says every year more than 200,000 children are treated in emergency departments because of injuries that took place on playgrounds. If you are an elementary school leader or want to learn more about playground safety, this poster presentation will provide recommendations for playground injury prevention. Participants will receive information on playground guidelines and standards, information about the Americans with Disabilities Act, adopting a maintenance policy and more.

Craig III, Silas Charles — City of Raleigh NC

Connecting the Classroom to the Community through Service-Learning Activities in an On-Campus Physical Therapy Clinic

The use of service-learning in an on-campus clinic provided improved affective skills in Doctor of Physical Therapy students. As opposed to cognitive and psychomotor skills, affective or "soft" skills have been difficult to develop in physical therapy students. Participation in patient care in an integrated clinical experience improved the communication skills, accountability and professional behaviors of 3rd year Doctor of Physical Therapy students to a level on average with entry level professionals.

Adame-Walker, Jennifer — California State University, Fresno

Zarrinkhameh, Leslie — California State University, Fresno

Roos, Jennifer — California State University, Fresno

Shared Governance: Why Faculty Senates Should Play a Role in Decision-Making

This poster outlines and identifies the reasons for a strong faculty senate within higher education. The poster will also provide examples of institutions with strong faculty senate governance and the effects of this strong faculty senate

Conway, DeeDee — Southern Methodist University

Life Steps: Addressing Barriers for LGBTQ Students enrolled in Higher Education

Lesbian, gay, bisexual, transgender, and queer (LGBTQ) students continue to face structural and individual barriers when attending higher educational institutions. As such, an early intervention is warranted. The adapted Life Steps protocol will position staff across support services to collaboratively work with LGBTQ students to highlight relevant barriers and generate problem-solving solutions in order to improve academic retention and success.

Kidwai, Ammaar — Ryerson University

Ayoub, Mariam — University of Toronto

The Unintended Consequences of Using Punishment in Schools and Its Long History in the United States

Punishment in school has a long tradition in the American school system, yet harsh school discipline contributes to low academic achievement and school drop-out. It even predicts negative post-school outcomes such as incarceration, substance abuse, and impaired social relationships. In addition to these serious long-term consequences, there are more immediate negative effects from punishment that a teacher may observe in their students during the academic year. They include social disruption, learned helplessness, and increased aggression.

Menzies, Holly — California State University, Los Angeles

Smith-Menzies, Lucia — Alvord Unified School District

The Practical Application of Blockchain Technology in Higher Education

Blockchain technology offers considerable advantages for teachers, students, and institutions. This paper will begin by briefly explaining how this new technology works. Then, after highlighting a few of the ways it promises to heavily impact many aspects of the digital landscape, the focus will shift to Blockchain in the field of education, with specific emphasis placed on practical applications in higher education.

Cripps, Anthony — Nanzan University

Kimber, Larry — Fukuoka University

The Role of Expressive Flexibility between Positive Emotionality and Communication Competence in Preservice Early Childhood Teachers: The Mediation Analysis

This study is conducted to provide the way to improve early childhood teachers' communication competence. As the result the expressive flexibility of preservice early childhood teachers has a partial mediating effect on the relationship between positive emotionality and communication competence. It collectively means that enhancing positive emotionality and expressive flexibility are important to improve communication competence for preservice early childhood teachers.

Oh, Jee Eun — International University of Korea

Marketing Strategies to Grow Your Graduate Program

This poster presentation will illustrate research-based literature and marketing data and strategies we have used over the past few years to aid the North Carolina State University Youth, Family, and Community Sciences graduate program. This poster presentation will share strategies like relationship marketing, target marketing and print marketing we have used to successfully increase our student enrollment and online presence and engagement with family science affiliates, students, prospective students, alum faculty and staff.

Craig, Deidra — North Carolina State University

Harkey, Amber — North Carolina State University

Probing Student Thinking about Ecosystem Concepts for Developing the Learning Progression

The purpose of the study was to explore students' understanding of ecosystem ideas by analyzing their responses to the assessment tasks. The ecosystem ideas were separated into five categories with four levels of conceptual complexity and 22 items aligned to the concepts were administered to 185 students. Based on the analysis of students' responses, ordered multiple-choice items will be developed and applied to validate the hypothesized learning progression of ecosystem ideas.

Kim, Heung-Tae — Seowon University

Developing a Setting for Scientific Communication to Support Novice Preschool Teachers' Philosophy of Early Childhood Education

The project is to develop a setting for scientific communication to support novice preschool teacher's philosophy of ECE. The presentation will report the process of how child-adult interaction through using digital device emerges narrative knowledge in the setting courses.

Inoue, Chika — Tokoha University Junior College

Osaki, Akihiro — Ochanomizu University

Goto, Ikuko — Ochanomizu University

Suematsu, Kana — Odawara Junior College

Development and Practice of Personal Evaluation tools in Elementary School Morals Education Classes

Regarding moral education in Japan, there is a demand for enhancement of personal evaluation skills that allow you to feel and realistically assess your growth. The purpose of this study is to propose a method to support personal evaluation in moral education guidance. For this purpose, a four-frame worksheet has been developed as a tool to support personal evaluation.

Mukuo, Sotaro — Nagasaki University

Kurata, Shin — Tokyo Institute of Technology / Nagasaki University

Asako, Hideki — LINE corporation

The Officer Charlie Get Fit Project: Training Law Enforcement Officers in a Service Learning Project

Police officers have physically strenuous duties which require them to be in top physical health for effective performance. While most law enforcement agencies recognize the importance of physical fitness for their officers and encourage them to maintain an adequate level of fitness, many find it difficult to implement a fitness program. This presentation discusses the immersive learning, Officer Charlie Get Fit Project as a model pedagogical strategy for exercise science educators to achieve broad educational objectives.

Judge, Lawrence — Ball State University

Literate Voices - Personal Narrative as a Means to Empowerment and Literacy

A poster presentation of successful literacy projects conducted in middle schools and high schools in California's Central Valley with underprivileged students to increase student motivation and literacy. These personal narrative projects resulted in five published student anthologies, increasing student comprehension, attendance, engagement and self-esteem.

Bathina, Jyothi — National University

Setting a Trajectory for Success: A Multi-Faceted Program to Recruit and Retain Underrepresented Students in the Physical Sciences

A new NSF-funded Physical Science Scholars program seeks to increase recruitment, retention and career success for high-achieving physical science students from lower socioeconomic backgrounds. The role of scholarships for students' academic success and the evaluation of how students' curiosity, intrinsic motivation and self-identification as a scientist evolves as a result of this new program is being investigated.

Gray, Mary Beth — Bucknell University

Dong, JiaJia — Bucknell University

Castle, Karen — Bucknell University

Nottis, Katharyn — Bucknell University

STEAMed Kicks: Examining STEM Learning & Identities through Sneaker Design

There is a growing disparity of equitable access and culturally relevant framing for minoritized students to engage in STEM pathways. The purpose of this study was to examine agency amongst minoritized students as they engage in the design and construction of a physical STEM lab space that incorporates their personal STEM interests.

Edouard, Kareem — Drexel University

Wright, Christopher — Drexel University

Comparison of Research Trends in K-12 Astronomy Education Programs between Korea and Other Countries

In this study, we analyzed astronomy education programs for K-12 in Korea and other countries. The total number of previous studies is 88(89 for double counting), and the analysis was conducted on educational level, program types, learning methods, place where students learn, and learning materials. As a result, there are clear differences between Korea and other countries, especially in program types and learning methods.

Choi, Haneaul — Ewha Womans University

Shin, Donghee — Ewha Womans University

Teaching Strategies and Preferred Pedagogy of Military and Veteran Students

Online and immersion military and veteran post-secondary teaching strategies from the military and veteran learner's perspective, to support military and veteran learners' academic success and higher educational institutions in establishing a means for increasing retention, student achievement, and graduation rates.

Hrcir, Shawn Marie — Arizona State University

Robinson, Julian — Crux Point Consulting

An Inquiry into the Relationship between Participation in Competitive Creative Problem Solving and Measures of Academic Success in High School Students

This paper will address the understudied relationship between participation in creative problem solving contests and academic success, primarily in three very disparate groups of high school students: one in the United States and two in India. To study this link, we will be using the American Math Competition as an example of this category of contests and a variety of performance and behavioural factors to represent academic success.

Chandra, Achyuth — McGill University

Sjegas, Marcio — Mathematical Association of America

O'Bannon, Alphonse — LBA Foundation

Sarkar, Ruchira — Delhi Public School Faridabad

Kumar, Nanda — Shantiniketan School

Kastwar, Lehar — Dubai English Speaking College

Sharma, Ojus — RN Podar School

Sen, Roopsa — Delhi Public School Vasanth Kunj

Movie Madness: Methods for Exploring Controversial Issues with Film

Teaching with film is a powerful and meaningful instructional strategy. This presentation will discuss exploring controversial issues with film. Specifically, five classroom-tested methods for teaching with film: (1) film as a visual textbook, (2) film as a depicter of atmosphere, (3) film as an analogy, (4) film as a historiography, and (5) film as a springboard will be discussed. Each of the methods discussed includes examples of a variety of films that could be used, along with suggested focus questions and conversation topics. Furthermore, this presentation will discuss relevant legal issues surrounding the use of film in the classroom.

Russell III, William — University of Central Florida

Preservice Teachers Attend Class at a Homeless Shelter for Families

This presentation will showcase how the perceptions about homelessness held by elementary education preservice teachers transformed after participating in an after-school, and summer literacy tutoring program at a city's homeless shelter for families. Data were collected for six semesters to measure the changes in preservice teachers' perceptions, attitudes, and beliefs about working with children and families experiencing homelessness.

Zelenka, Valerie — Fort Hays State University

Walizer, Beth — Fort Hays State University

Read4Respect PBL Project: Integrating Reading Interventions and Social Emotional Skills

Because of their nomadic lifestyle and language barriers, many migrant students may not have had ample opportunity to become skillful readers, and therefore benefit from a skills-based literacy tutoring program. Also, poverty, social isolation, rejection, school indifference, and peer victimization are common threads throughout the literature concerning these students. With this in mind, we chose to implement the Read4Respect Program developed by the Anti-Defamation League (ADL). This program engages children in lessons that promote self-esteem, self-confidence, empathy, respect, and appreciation of differences.

Walizer, Beth — Fort Hays State University

Zelenka, Valerie — Fort Hays State University

Localizing Information Literacy Education to Educate Future Chinese International Students

While it is widely recognized that students are coming to American colleges from diverse backgrounds, most literature on information literacy education in higher education revolves around domestic students. One quintessential example of this issue is the ineffectiveness of information literacy education for Chinese international students as demonstrated in the striking academic problems they encounter. Drawing from the findings of a cross-national study, this poster discusses recommendations for practitioners so better serve Chinese international students.

Ding, Yi — California State University, Northridge

Pathways to Biliteracy

The presentation will deal with various pathways that lead to the acquisition of a second language in the Americas. The primary focus will be English/Spanish bilingualism.

Cortes, Judy — California State University, Monterey Bay

From Generalist to Specialist, the Evolution of Elementary Science Teacher Preparation

Traditionally, elementary teachers have been prepared as generalists. This generalist training does not prepare pre-service teachers for the unique demands of teaching science at the elementary level. To address this need, two science education professors at a southeastern university developed an 18-h science concentration for Elementary Education majors. Discussion will include program rationale, goals, course development, key assignments as well as program review.

Lee, Tammy — East Carolina University

Glass, Bonnie — East Carolina University

Adventure Based Counseling: Seeing Diversity as Strengths

This presentation examines how effective adventure based counseling programs discuss diversity as part of the experience and views diversity as a strength, not a weakness, and how participants are able to discuss their unique characteristics while learning to appreciate the differences of others. The use of the outdoors in these programs may provide an environment conducive to highlighting and discussing diversity. Poster will examine the usefulness of these types of programs.

Glass, J. Scott — East Carolina University

In vitro and in vivo Effects of Fermented Oyster Supplementation on Health and Fitness Indicators

The results of this study suggested that the effects of FO supplementation may manifest in a dose response manner. FO administration, in vitro, and supplementation, in vivo, both demonstrate a potential for improvements in health and physical fitness through upregulating mitochondrial metabolism and biogenesis, and even potentiating the adaptive effects of endurance exercise.

Reid, Storm — Kyungshung University

Jeon, Byeong Hwan — Kyungshung University

Practices That Attribute to the Success of Boys: A Study of Title I Middle Schools in Texas

The purpose of this research study was to investigate approaches that contribute to the success of boys within six Title I middle schools located in various regions of Texas. The study's findings suggest that the studied middle schools are implementing practices and programs that contribute to the success of boys. The results revealed within this study imply that in fact the practices suggested by the literature are significant to the success of boys.

Duhon, Laura — Texas State University

Enhancing Aural-Oral Skills through Authentic Videos for Beginning and Intermediate Japanese

The authors created a series of authentic videos filmed in Japan and online listening comprehension exercises for the beginning and intermediate levels of Japanese, which had an amazing impact on students enhancing their aural-oral skills. In addition, the students learn socio-linguistics aspects of Japanese by watching video clips that are culturally relevant. The authors hope to demonstrate how the project successfully increased classroom productivity through the implementation of technology.

Torii-Williams, Eiko — Wellesley College

Yoshimi, Maeno — Wellesley College

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 1
Session Topic: Special Education **Session Chair:** Knox, Kimberly

Advocacy for Students with Disabilities: Who's Listening?

This presentation intends to build a global dialogue about power differentials experienced in educational settings that hinder the action of advocacy. Although many individuals advocate for students with disabilities concerning services, best practices, and interventions; the advocacy is not always received to facilitate change. This discussion will explore systems of oppression, ableism, and perceptions of students with disabilities.

Knox, Kimberly — New Mexico State University

Assessing Outcomes of Face to Face Positive Behavioural Support Capacity Training for Staff supporting IDD individuals

Positive Behavioural Supports (PBS) are a key intervention for supporting individuals with challenging behaviours. This research study will discuss participant outcomes assessed from face to face PBS training. The outcomes focusing on PBS knowledge, attitudes of participants and behaviour support plan quality.

Johnston-Hatch, Victoria — Kwantlen Polytechnic University

Visual Communication Analysis (VCA): Implementing Self-Determination Theory and Research-Based Practices in Special Education Classrooms

This presentation will review a year-long study which examined the use of iPads with KIS Publishing Learning Center Apps embedded in three special education self-contained classrooms in a Southern California district very close to the border of Mexico. Thirty students diagnosed with Autism Spectrum Disorder and/or Intellectual Disabilities ranged from k-6th grade and a third of the students were also English Learners. This app allowed students the choice to match, identify, type words and sentences in a variety of academic domains (i.e. colors, numbers, nouns, shapes, money identification), providing varied levels of support and prompting.

Shkedy, Gary — Alternative Teaching Strategy Center

Sandoval, Aileen Herlinda — The Chicago School of Professional Psychology

Shkedy, Dalia — Alternative Teaching Strategy Center

Fantaroni, Grace — Point Loma Nazarene University

Using Differentiated Instruction applying cognitive approaches and strategies for teaching diverse learners in the 21 Century Learning and Career Readiness classrooms

Educational systems are tasked with preparing students for future success. The 21 Century Learning and Career Readiness classrooms strive to achieve it, yet this can be challenging in the increasingly diverse educational systems. The diversity comes in various forms: cultural and linguistic differences, learning preferences and styles, ability and disability. Unfortunately, conventional teaching methods aren't always effective when students' needs are more unique. One way to ensure successful education for ALL students is by providing differentiated instruction employing cognitive approaches and strategies for teaching.

Jonak, Jolanta — Northeastern Illinois University

Tolczyk, Sylvia — Loyola University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Hibiscus 2
Session Topic: Other Areas of Education - Workshop **Session Chair:** Robbins, Sherard

Well Meaning vs. Well Intended: Confronting Microaggressions in the Workplace

The workplace, like other public entities, is a place where individuals have a right to make a living and operate in a space free from verbal slights and discrimination. Unfortunately, when it comes to people of marginalized identities, the line between the two is a lot finer than ideal. Exploring the concept of microaggressions, this session will examine how to identify microaggressive behaviors in the workplace and offer suggestions on how to address them.

Robbins, Sherard — Visceral Change

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education **Session Chair:** Ramsay, Lorna

Writing through Fear and Disappointment: Teacher Education and Mentorship as Transformational Critical Literacy Inquiry

This conceptual paper introduces power of writing as critical literacy inquiry for self-reflective processes to understand coping skills, emotions, and emotions of others (Poirel, 2014), and writing as arts-based inquiry through discussion of three missing components in British Columbia, Canada, pre-service teacher courses: (1) essential writing skills courses; (2) interdepartmental collaborative writing mentorship; and, (3) continued first year teaching mentorship and beyond in BC New Curriculum supporting teacher transformational inquiry and multi-modal student-led inquiry.

Ramsay, Lorna — University of British Columbia

A Puzzling Resource: Examining the Presence of Sworn Law Enforcement Officers in Public Schools, Use of Exclusionary Discipline Practices, and Student Racial Composition

Through using the School Survey on Crime and Safety (SSOCS) (NCES), I construct a longitudinal data set which examines the association between the percentage of historically underrepresented minority students in K-12 public schools and the presence of sworn law enforcement officers on campus. I also investigate whether there is a relationship between the presence of sworn law enforcement officers and the suspension rates of these students.

Prim, Jeremy — University of California, Davis

Understanding Current Math Teacher Perceptions of Literacy and Its Role in Their Classrooms in a Large Urban School District

This session will share how math teachers define math and reading literacy as independent and interrelated. It will also describe the teachers use of literacy in their classrooms and its connection to the definitions provided through interviews. Overall, this study aims to benefit math teachers in providing meaningful uses of literacy in the math classroom to better scaffold students interactions with word problems.

Reinsburrow, Amanda — Drexel University

Transdisciplinary Analysis of the School Shooting Crisis

The purpose of this paper is to: 1) provide a transdisciplinary framework in understanding the gun crises, 2) describe the history of federal gun laws & policies, 3) examine the current gun crisis in our nation's K-12 public schools, 4) analyze the literature looking at adolescent male school shooters, and 5) provide recommendations for students, parents, school leaders, and policy makers.

Saito, L. Erika — Pacific Academy K-12

Hodgin, Sandra — Colorado State University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Brock, Tessa

How Should I Say This? (Strategies for Difficult Conversations)

Approaching challenging conversations with parents, co-worker and professionals can be difficult – yet is incredibly important! In this lighthearted and insightful presentation, participants will be able to self-reflect on their personal intentions for conversations and styles of holding “emotionally charged” or “high stakes” conversations. Participants will use real life scenarios to gain new ideas and skills for holding difficult conversations with more successful outcomes.

Brock, Tessa — Harmonizing Hearts, Consultant

Creating a Framework: Understanding Computing Identity Development for U.S. Latina Undergraduate Students

The purpose of this research paper is to present a framework for understanding identity development for U.S. Latina undergraduate students in computing. This framework is informed by an on-going research agenda focused on illuminating how Latinas make meaning of their experiences and develop and sustain computing identities during college. The project is uniquely positioned to disseminate new knowledge regarding Latina students' persistence in computing fields in order to inform institutional policy and practice.

Rodriguez, Sarah — Texas A&M University-Commerce

Mathematics in Tertiary and Secondary Curricula: Roles Inside, Yet Beyond, Science

A widespread notion that mathematics (mathematical education) has no application intrigues us; yet, why has its inclusion been deemed historically to be a requisite in the curricula of both secondary and tertiary education? We reveal that, though mathematics is neither necessary nor sufficient for Science, it teaches/demonstrates that there exist Man-made statements which are irrefutably true. Thus, it serves to train each adolescent mind to reach logically correct, even near-irrefutable, conclusions throughout adulthood.

Mihram, G. Arthur — Author/Consultant

Mihram, Danielle — University of Southern California

Using Model-Eliciting Activities to Enhance Middle School Students' Academic and Career Interest in STEM-AFNR

This paper will provide a progress report for a study involving the implementation of Agri-life science model-eliciting activities (AgLS MEAs) in 5th and 6th-grade middle school classrooms. These AgLS MEAs are designed to encourage underrepresented minority student development in STEM and AFNR career exploration, STEM knowledge, literacy, and motivation.

Brown, Zachary — Purdue University

Esters, Levon — Purdue University

Knobloch, Neil — Purdue University

Clark, Quintana — Purdue University

Alexander, Elizabeth — Purdue University

Kornegay, Ryan — Purdue University

Hester, Ulyssa — Purdue University

First-Year Engineering Undergraduates' Will and Skill: The Mediating Role of Self-Regulation

This study will explore the mediation function of self-regulation strategies between will strategies and skill strategies of first-year engineering undergraduates. Data will be collected by the Learning and Study Strategies Inventory (LASSI) on first-year engineering undergraduates' self-regulation, will, and skill strategies in a redesigned introductory course. The study will contribute to the research in first-year undergraduates' learning experience in engineering education and provide implications for retention and graduation in the discipline of engineering.

Li, Chengcheng — University of Nevada, Las Vegas

Zhang, Shaoan — University of Nevada, Las Vegas

Garza, Tiberio — University of Nevada, Las Vegas

Jiang, Yingtao — University of Nevada, Las Vegas

Transformative Learning in Indigenous Studies: A Student and Academic Perspective

Transformative learning has become something of a catch phrase in higher education, although now often divorced from its theoretical roots. This research draws on qualitative research using the threshold concepts framework to explore students' experiences of learning in Indigenous Studies. Data includes interviews with students from three university sites, Indigenous Studies academics, and a group of Aboriginal Elders. The presentation focuses on transformative learning examined from the perspective of the student and academic participants.

Page, Susan — University of Technology Sydney

Sullivan, Corrinne — Western Sydney University

Graduate Course on Aloha 'Āina Education and Leadership at the University of Hawai'i: Countering a "False Narrative"

This presentation features the development of a course on Aloha 'Āina Education and Leadership at the University of Hawai'i at Mānoa-College of Education. This course will include key aspects of the Aloha 'Āina MEd program and be offered to graduate and possibly undergraduate students. The motivations, theoretical foundations, definitions, assumptions, topics, faculty, and issues/challenges of institutionalization regarding the course will be discussed.

Cashman, Kimo Alexander — University of Hawai'i at Mānoa

From the Indigisphere to the Land: Indigenous Intersectional Violence and Trauma-informed Teaching Practices in Shifting Spaces of Learning

In this paper the author will discuss Indigenous education that is violence and trauma-informed in shifting spaces of learning including online learning, community and classroom settings. Topics covered will include how to address issues of violence, trauma, safety and identity in online and blended learning environments, considerations of place and location when using digital technologies, and addressing cultural safety, wellness, and violence and trauma-informed learning in online, field education, and classroom environments.

Clark, Natalie — Thompson Rivers University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Nautilus 2
Session Topic: Elementary Education - Workshop **Session Chair:** Disseler, Shirley

Building a Growth Mindset for Math with Brick Math

The participants will explore the Brick math series and learn about case studies and data surrounding the success of this program in elementary classrooms. Participants will have a hands-on experience with the materials and be provided with activities to take home.

Disseler, Shirley — High Point University and BrickED

Beard, Brianna — High Point University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 1
Session Topic: Higher Education **Session Chair:** Scamacca, Leslie Gail

Adding Value to the College Experience: Using Co-Curricular Transcripts to Enhance Student Learning

In this presentation, the author will discuss efforts at an urban community college to implement co-curricular learning through the Digication platform of ePortfolio. This joint effort between the Hospitality and Tourism program (housed in Academic Affairs) and Student Affairs is an ongoing process that has already met with positive results and improvements in student engagement and knowledge retention.

Scamacca, Leslie Gail — LaGuardia Community College/ The City University of New York

The Use of Technology to Assist with Innovative Distance Learning Models as a Component of Fieldwork in Higher Education

This study examined institutions that successfully integrated an online design within the fieldwork component of their curriculum. The knowledge gained from this study can provide guidance for programs seeking to diversify their student base, allow more flexibility for students and/or become more competitive in today's marketplace. By examining innovative programs, this study identifies factors leading to successful implementation of new distance learning models and subsequently assists other institutions in following in their footsteps.

Roback, Karin — University of Southern California

The Challenging Student: Turn The Worst Case Scenario into a Win for Teacher and Student

The students in the classroom make or break the experience for both the instructor and fellow students. This session reviews various types of challenging students and strategies to not only minimize impact but reduce the misbehavior. The concept of countertransference will be introduced to explain the instructor's role in the discord. Participants will learn to assess their own emotions resulting from student actions. Concrete recommendations will be given to manage the most challenging students.

Pearlman, Catherine — Brandman University

An Evaluation of Academic- and Cultural-Based Service-Learning as Critical Pedagogies for Student Learning

Academic- and cultural-based service-learning contribute to different yet important student learning outcomes in underclassmen and upperclassmen. Cultural-based service-learners acquire a deeper understanding of White privilege, racial and gender discrimination, and develop stronger perspective-taking skills, ethnocultural empathy, and interpersonal engagement by the end of the term compared to academic service-learners. Implications for implementing these pedagogical methods in beginning, middle and ending psychology courses will be discussed.

Simons, Lori — Widener University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 2
Session Topic: Educational Psychology **Session Chair:** Pagani, Linda

Physical Inactivity in Childhood Predicts Later ADHD Symptoms by Preadolescence: A Gender-Based Prospective-Longitudinal Study

Physical education is implemented to foster positive student development. Few longitudinal studies have tested whether extracurricular sport relates to ADHD symptoms. Prevalence of symptoms and treatment vary by gender, given differences in behavioral manifestation and social tolerance in boys versus girls. This makes it important to examine the association between organized physical activity and behavior within gender. Benefits of consistent childhood extracurricular sport participation on subsequent teacher-reported ADHD symptoms were found exclusively for girls.

Pagani, Linda — University of Montreal
Harbec, Marie-Josée — University of Montreal
Fortin, Geneviève — University of Montreal
Imbeault, Arianne — University of Montreal
Brière, Frederic — University of Montreal

Lasting Impacts of Chronic Health Conditions on Education and Learning

This presentation outlines how chronic health conditions can affect many aspects of individual learning and discusses why more research should be conducted on the relationship between mental and physical health and beliefs about intelligence in relation to the impact of chronic health conditions on youth development into adulthood. It proposes empirical research centered in the state of New Mexico, unique to the United States for its culture and its challenges in education and childhood well-being.

Slocum, Jordan — University of New Mexico

Development of a Japanese Version of Ability Scales of Emotional Intelligence

This study aimed to develop a Japanese version of ability scales for measuring emotional intelligence (EI), using item response theory (IRT), and to obtain the data necessary for standardization of these scales. We are currently preparing ability scales for measuring EI with reference to MSCEIT. In this study, we created two tasks related to managing emotions (emotion management and emotional relationships tasks), and statistically confirmed the reliability and validity of the scale.

Okada, Yoshiko — Shibaura Institute of Technology
Takano, Koji — Waseda University
Tsukahara, Nozomi — Waseda University

Exposure to War Stressors and Its Impact on Student Learning in Literacy and Numeracy: The Impact of Civil War in Syria

Many years of civil conflict in Syria have dire impacts on the civilians and the society. Being exposed to war stressors could affect the capacity of children to develop literacy and numeracy competencies. This study aims to evaluate the level of war stressors exposure of Syrian children and their impact on their learning in school. Results show a high level of exposure to war stressors but little association with literacy and numeracy.

Rousseau, Michel — Université du Québec à Trois-Rivières

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** Sea Pearl 3
Session Topic: Health Education - Workshop **Session Chair:** Berry, David

Employing the Use of Infographics in CPR and First Aid Education to Influence Students' Achievement and Attitude Concerning Helping Behaviors

Effective health communication and engagement in helping behaviors during an emergency is critically important. One way to increase communication effectiveness and engage shareholders is via the use of infographics; however, the educational value of these is dependent on best practices in design and accurate data. This workshop explores infographics as learning tools, examines standard infographic types and investigates what comprises an excellent infographic for learning and how this medium influence cardiopulmonary and first aid education.

Berry, David — Saginaw Valley State University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Adelabu, Detris Honora

First Generation Student Success

First generation students and college experienced students often arrive to college with varying experiences with K-12 education, different expectations about higher education and different needs. These factors can all shape time to graduation. Participants in this interactive workshop will leave with concrete strategies to support the success of first generation students and to reduce time to graduation. Strategies include classroom teaching methods and broader institutional initiatives. Participants will identify three goals/strategies for their home institution.

Adelabu, Detris Honora — Boston University
Santilli, Linda Banks — Boston University

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Vilchis, Aurora

CSU College Readiness and Academic Preparation: Maximizing Student Success for First-Time Freshmen

This work in progress examines the positive impact of two CSU undergraduates programs working together to maximize first-time freshmen success. Early success services such as the Early Assessment Program and the Early Start Program are utilized to create a seamless transition from high school to college by educating students on being college ready and academically prepared for college. Preliminary data provide strong evidence for a notable positive impact of the program for students who participate specifically those placed as needing support in math.

Vilchis, Aurora — California State University, San Bernardino

Wong, Faye — California State University, San Bernardino

Time: 3:00 - 4:30 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Buchanan, Sean

The Real T.L.C.'s of Education

This workshop is designed to give solutions to staff members as they try to reach students and parents who may be apathetic in their outlook toward education, struggle with discipline issues, or lack motivation. It features researched based strategies that will improve student behavior and results on standardized assessments!

Buchanan, Sean — Geary Public Schools

Time: 3:30 - 5:00 PM / **Saturday** - 1/4/2020 / **Room:** South Pacific 1
Session Topic: Preservice Teacher Education and NGSS-aligned Curriculum (Far West ASTE Session) **Session Chair:** Ross, Donna

Challenging the Relationship Dynamics between STEM Education and Special Education Teachers through Co-Teaching in a Pre-Service Secondary Education Program

Co-teaching in the K-12 classroom can be beneficial to students, but can also be challenging for the teachers involved. The final methods course in our teacher preparation program, Reading and Literacy in the Content Areas, is now co-taught with a reading specialist to model how two professionals can interact in the classroom and to improve relationships between STEM and special educators. We will share strategies used and lessons learned from the past five years.

Johnston, Carol — Mount Saint Mary's University, Los Angeles

Ronning, Melanie — Los Angeles Unified School District and Mount Saint Mary's University, Los Angeles

A Framework for Critically Conscious STEM Education

We propose a developing framework around Humanizing STEM (H-STEM) education, one where K-12 teachers affirm identity, integrate authentic critical purpose, and discourse focused on advocacy. For this study we explore how pre-service math and science teachers integrate a critical framework that integrates critically conscious purpose, identity and advocacy in STEM. H-STEM can be an approach where teachers challenge K-12 students to think critically based on real-world and community issues.

Nava, Imelda — University of California Los Angeles

Incorporating NASA Astrophysics resources into Pre-Service Science Methods Courses

NASA's Universe of Learning team members from Sonoma State University worked with California State University faculty to co-develop and pilot test a module for science methods courses. The module incorporates measurements of planets from outside our Solar System that were obtained and analyzed by students. These tools facilitate exploration of Science and Engineering Practices within an authentic research exercise. The free 3-hour module is now available for use, and additional topics are under development.

Bartolone, Lindsay — Sonoma State University

Cominsky, Lynn — Sonoma State University

Horvath, Larry — San Francisco State University

Korb, Michelle — California State University, East Bay

Peticolas, Laura — Sonoma State University

Integrating Cybersecurity and Computer Science into Core K-12 Science Curriculum

There is a (inter)national push for students to learn Computer Science (CS) although most approaches focus on teaching programming. This work uses CS as a problem-solving approach and explores the use and mapping of core CS concepts such as encoding, abstraction, algorithmic design, and optimization to existing Next Generation Science Standards and curricular units throughout K-12 while enhancing perceptions of CS in K-12 students. Cybersecurity themes and challenges are cross-cutting throughout.

Borowczak, Mike — University of Wyoming

Burrows, Andrea — University of Wyoming

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Hibiscus 1
Session Topic: Special Education **Session Chair:** Perez, Katherine

Co-Teaching in Inclusive Classrooms: What's More Possible?

Co-teaching and teacher collaboration are proven strategies for helping students with diverse backgrounds, such as English language learners and students with special needs, achieve academic success. Come and discover the essential components for a successful co-teaching program: learn practical ways to define your roles, a variety of co-teaching approaches, ways to plan and deliver instruction, as well as how to make the most of each teacher's strengths.

Perez, Katherine — Saint Mary's College of California

Putting Models of Student Mathematical Thinking to the Test: Preliminary Design and Testing of Implicit Tier 2 Intervention

We report on our scientific design process and iterative testing of Tier 2 fraction intervention. Results revealed positive effects of the program's usability and potential to improve student outcomes in authentic school settings. The positive outcomes support continued exploration and expansion of a new framework for supplemental intervention grounded in students' mathematical thinking.

Hunt, Jessica — North Carolina State University

Martin, Kristi — North Carolina State University

Patterson, Blain — North Carolina State University

Khounmeuang, Andy — North Carolina State University

Understanding, Teaching, and Serving Students with Disabilities in Hispanic Serving Institutions of Higher Education

Universities today are often not prepared for the number of students with disabilities entering their institutions. These students may be reluctant to identify themselves as students with disabilities although they still require accommodations for success. Many of these students are entering Hispanic Serving Institutions, thus, the majority are minority students. In this presentation, the focus will aim to provide insight into the various critical facets surrounding students with disabilities attending Hispanic serving institutions in higher education. A clear understanding of the types of disabilities, accommodations, curricula and additional strategies to encourage student success will be discussed.

De Los Santos, Stephanie Bain — Texas A&M University-Kingsville

Kupczynski, Lori — University of St. Augustine for Health Sciences

Bain, Maria Martinez — Texas A&M University-Kingsville

Creative Problem Solving and Children with Learning Disabilities: A Hidden Potential

This session will present the unique idea that children with learning disabilities may have creative-problem solving strengths. Children with learning disabilities, a presumed left-hemispheric processing problem, tend to process information with the right side of the brain. In over-using their right hemisphere, it may be that children with learning disabilities have well-developed right hemispheres and as such, have strengths associated with this type of processing such as innovation and creativity.

McNamara, John — Brock University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Hibiscus 2
Session Topic: Practical Teaching Strategies That Work - Workshop **Session Chair:** Levy, Nathan

How to Reach Hard to Reach Students and Children Suffering From Trauma

This presentation will address the challenges of working with students who appear unmotivated, frustrated, and resigned to experiencing failure. In this session, activities will be demonstrated that increase the motivation and achievement of students, and creative ideas will be offered to help break the cycle of discouragement that many students face. Developing a culture where ALL kinds of students will develop skills for learning and a willingness to participate will be addressed.

Levy, Nathan — Nathan Levy Books, LLC

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Berman, Shari Joy

Project-Based Learning, Giving College Students What They Can't Google

Hirosaki University actively subsidizes international project-based learning programs (PBLs). Since 2017, the authors have conducted Hirosaki-Hawaii programs. In addition to discussing organizational procedures, including ways an HICE 2019 presentation supported their process, they explain both predeparture (Hirosaki) and Kona-based activities, while showing how curricula have been altered and refined over three cohorts. Once again, they solicit input from HICE 2020 attendees on convincing skeptical administrators and colleagues that PBLs offer much students cannot learn online.

Berman, Shari Joy — Hirosaki University

Tada, Megumi — Hirosaki University

An Exploration of the CEFR LR Self-analysis Grid

Self-analysis is related to self-realization, error correction and improvement in language proficiency. The Common European Framework of Reference for Languages offers self-analysis tools in order for English language learners to gauge their skills and estimate their proficiency levels. This research looks at the CEFR listening and reading self-analysis surveys and how accurately learner responses (n=200) on these self-assessments aligned with converted TOEIC Listening and Reading scores and course scores.

Harrison, Jonathan — Nihon University

Vanbaelen, Ruth — University of Tsukuba

Connecting Practices of First-Person Pronoun Usage in Recent Research Articles to Existing Writing Guidelines for Researchers

The usage of first-person pronouns in research articles is one area of writing research in the field of English for Specific Purposes. This presentation will propose guidelines on the usage of first-person pronouns and its associated use of active/passive voices for novice writers, based on our findings of their usage in some recent journal articles, together with our survey of guidelines in most current writing manuals and reference books on writing research papers. (74 words)

Kawaguchi, Keiko — Shibaura Institute of Technology

Ota, Harumi — Nihon University

Ohta, Ritsuko — Keio University

Ito, Tae — Toyota Technological Institute

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Iolani 4
Session Topic: Secondary Education **Session Chair:** Sterelyukhin, Max

Experiencing Learning Mathematics and Reflection: Calculus 12 Participants' Study

In this presentation I will focus on the highlights of this study, showcasing the data in a more expanded way with video of lessons to demonstrate how the discussion-based learning in mathematics works, as well as the new assessment strategy used in the study. I will discuss the findings and opportunities for further studies.

Sterelyukhin, Max — Simon Fraser University

Looking Within: Four Cases of Schooling, Poverty, Systemic Barriers, and Strategies for Knowledge Reform

The paper uses a pedagogical inquiry approach of dialogic knowledge to illuminate four cases as they relate to poverty, teachers' lives, youth advocacy, school culture and community/organizational stakeholder connections. The paper engages researchers, practitioners, youth, and organizational stakeholders for the public good. In particular, it examines how educators and youth re-awaken curriculum by collaboratively creating an inclusive school climate and culture. The relationship between youth and educators will examine transformative possibilities for future schooling, equity, and public confidence.

Parker, Darlene Ciuffetelli — Brock University

Examining Hurdles in the Strategic Implementation of Universal Design for Learning in Schools

This paper examines hurdles which impede the strategic implementation of Universal Design for Learning in schools. While there has been much interest in UDL within the K-12 sector across Canada over the last decade, few projects or communities of practice succeed in scaling up their efforts and presenting sustainable models for whole-school implementation. This study explores facilitators and stressors encountered by UDL advocates in the K-12 sector in order to propose an institutional model for buy-in that takes into account eco-systemic realities and pressures.

Fovet, Frederic — Royal Roads University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Hastings, Tom

Revisiting the teachings of Dr. Martin Luther King, Jr. Letter from Birmingham Jail

In this workshop we will explore the many teaching moments in the text and context of Dr. Martin Luther King Jr.'s canonical Letter from Birmingham Jail. This document is both timeless and timely in a nation riven once again by racial animus, a document that offers teachable lessons for students of all ages.

Hastings, Tom — Portland State University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education **Session Chair:** Saudelli, Mary Gene

Going Global: A Walkabout into Contemporary International Lives

This presentation will outline the introductory chapter of a new book called *Voices from Far Away Lands: From Divergent to Convergent*. Themes represented are: identity, change, equality, ethics, citizenship, family, feminism, community, faiths and values, advocacy and charity, systems, and languages. Movements are contextualized through a storied approach.

Saudelli, Mary Gene — University of the Fraser Valley

Kusch, Jim — American University of Cyprus

Carroll, Sharon — Healthcare Manager

The Point of PowerPoint Is to Use All Its Power

PowerPoint presentations are important, even crucial, centerpieces of pedagogical practices in those classrooms where instructors strive to maximize learning outcomes through multimedia. And yet, many of the educator-generated “dos-and-don’ts” lists governing the creation of PowerPoints are so proscriptive as to discourage the fullest exploration of all its bells and whistles. Both the intentions of PowerPoint’s inventor and the findings of “brain science” substantiate that careful, intentional use of PowerPoint’s elaborative possibilities can actually improve learning.

Charney, W. Mick — Kansas State University

The Role of Family and Community Partners in Culturally Responsive Work

This paper presents findings from a mini-ethnographic case study that explored the organizational practices of one school district engaged in initiatives focused on culturally responsive practices. The findings include several factors to consider when engaging in family and community partnerships, including one particular model utilized within the school district. Through this model, the discussion includes challenges and possibilities for further engaging and developing models that encourage authentic family and community partnerships with school districts.

Castillo, Bernadette — Minnesota State University, Mankato

Understanding Pre-Collegiate Support: A Closer Look at Writing Interventions in Pre-College Programming

This paper explores pre-college programs as a unit of analysis for college preparation. Pre-college programs—such as Upward Bound—are uniquely positioned to address some of the challenges many college-matriculating students face. While these support initiatives are widely recognized as being important catalyst to student success, their effectiveness is less understood. Session attendees will learn about one pre-college programs effort to implement and measure a writing tutoring model imbedded within a concurrent enrollment course.

Brown, Terainer — University of Colorado Colorado Springs

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Kahili 1
Session Topic: Distance Education **Session Chair:** Boston, Wallace

The Application of Cognitive Analytics to Student Retention

This session will cover the basis of cognitive analytics and how the technique can be applied to improving retention in higher education. Secondary emphasis is placed on how the technique is also being utilized in areas such as career planning and advising.

Boston, Wallace — American Public University System

Ice, Phil — Analytikos

Layne, Melissa — American Public University System

Designing an Accessible Online Course: A Proactive Approach

General accessibility principles should be at the core of any online course design. Using a Canvas course as example, this session will go over the main steps that instructional designers and/or faculty need to take to ensure accessibility of online courses. A discussion of relevant resources on improving accessibility of online courses will conclude this session.

Antonenko, Yulia — University of Florida

Effective Strategies in Using Lightboard Technology to Deliver Online Lectures for Successful Student’s Engagement

One of California State University San Bernardino goal is to provide high impact, evidence-based teaching strategies that will increase student-learning outcomes and stimulate their classroom engagement in online courses. This presentation will focus on the instructor integrated lightboard technology used to provide interactive lectures in a 6-weeks health science online summer course at a public University. A summary of students’ feedback as evidence of effective intentional engagement strategies used will be presented.

Mshigeni, Salome Kapella — California State University, San Bernardino

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Kahili 2
Session Topic: STEM Education - Workshop **Session Chair:** Ito, Kazunari

Pictogramming Workshop

We have been developing content creation environment using human pictogram, called “Pictogramming.” Pictogramming is coined from two words, “pictogram” and “programming”. Pictogramming is designed with the goal of creating pictograms, so its command set and functions are limited compared with general programming languages. This time, we would like to introduce this application and show off some practice examples and after that we held short workshop that each participant makes pictogram signs.

Ito, Kazunari — Aoyama Gakuin University

Nakano, Yoshiaki — Kobe Municipal High School of Science and Technology

Inoue, Hitoshi — Gunma University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Lehua
Session Topic: Adult Education **Session Chair:** Brower, Naomi

Outcomes of a Multiyear Multicounty Marriage Celebration

Couples often seek relationship and marital education (RME) to strengthen their relationships. The Marriage Celebration is a multicounty date night of education and entertainment organized to help couples strengthen their relationships. Analysis of participant evaluations indicate that as a result of attending, participants reported gains in knowledge and skills and made plans for and implemented change, and further confirmed the efficacy of single-session RME events.

Brower, Naomi — Utah State University

Payne, Pamela — University of Nevada, Reno

Appreciative Inquiry within Autoethnographic Research: Discovering the Best Version of Self

A major goal of conducting “autoethnographic research” is to assist researchers to better understand the progressive journey of student learning to improve their own teaching strategies. This form of self-actualizing inquiry is a type of autographical narrative that explores a researcher’s life experiences. Most life experiences shared within the paper will be examined through an “Appreciative Inquiry” lens, which encourages the intention of seeing and working towards the highest and best in one’s life

Doetzel, Nancy-Angel — Mount Royal University

The Intersection of Social Media, Religion, and Adult Learning

This paper examines literature relevant to adult learning and religion through social media. The literature reveal that social media are communally negotiated spaces that include familiar forms of communication and are best examined as Communities of Practice.

Carrow-Boyd, Gregory — Pepperdine University

Learners of Quebec General Adult Education Transitioning to College: A Cross Perspective

We wish to present the results of the first phase of our research. The methodology of co-construction of knowledge favors an ethno-pedagogical approach rooted in the milieu that brings together learners in transition and professionals from an ethnographic perspective of the sciences of education. We will present our findings related to the students’ perspective but also the points of view of the specialists regarding their transition and the potential hurdles these students face.

Marzarte-Fricot, Nicolas — Université de Montréal

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education - Panel **Session Chair:** Hegwood, Sunny

Developing a Network Improvement Community for Native Student Success

This panel will highlight community network improvement strategies for holistic Native American student success, focusing primarily on the relationships between local education agencies (LEAs) and tribes in Southwest Oklahoma.

Hegwood, Sunny — Kiowa Tribe

Silverhorn-Wolfe, Amber — Kiowa Tribe

Sullivan, David — Anadarko Public Schools

Boettger, Misty — Wichita and Affiliated Tribes

Bussell, Donna — Communities in Schools of Mid-America

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** Nautilus 2
Session Topic: Early Childhood Education - Workshop **Session Chair:** Moroney, Kim

Play in the Early Years of School

This presentation details findings of the Brother John Taylor Fellowship which explores substantial and compelling research about the role of play in children’s learning, wellbeing and development via different educational contexts and settings in Finland, China, England and Australia. It also explores the positive benefits of the implementation of play in the early years of school.

Moroney, Kim — University of Newcastle

Mindfulness in Teaching Language Education: A Case Study of Current University English Teachers in Japan

This paper explores effective methods of how language teachers can develop a sense of mindfulness. Mindfulness is one way to live in peace, and it is gradually gaining more attention in education fields. However, little research has been conducted on teacher education. In this research, semi-structured interviews were conducted to explore how current university teachers live their teaching lives with mindfulness. It proposes how language teachers can implement mindfulness in their daily teaching practice.

Harada, Rie — Rikkyo University

Lessons Learned Creating an Elementary Education Capstone Colloquium: Extending Learning Through Collaborative Environments

An Elementary Education Capstone Colloquium was created after many years of discussion, data collection, and program revision. The presenters will share the process and multiple lessons learned as they worked with fellow program faculty to create this much-needed capstone experience for their Elementary Education teacher candidates.

Hoffman, Elizabeth — University of Central Florida

Spalding, Lee-Anne — University of Central Florida

Kennedy, Analaxis — University of Central Florida

A Virtual Lesson Game for Encouraging Mathematics Teachers to Perform PBL Lessons

In order to promote teachers who can design a PBL lesson in Mathematics, this study developed a virtual lesson game based on the Warp and Woof model. Our game was designed to consist of two STEPs: the preparation activities and the main activities. Moreover, in order to make a formative evaluation of the gaming material, we performed a trial lesson in the “Method of Curriculum Design” course of our teacher promotion program.

Mizuno, Yumi — Tokyo Institute of Technology

Matsuda, Toshiki — Tokyo Institute of Technology

Language Teacher Agency: From the Ivory Tower to the Classroom

Despite the increasing research on language teacher agency, its findings remain in “the ivory tower” of universities. It’s time we explore these findings with the community who can truly benefit from it – the teachers and teacher educators themselves. We share a literature review on language teacher agency focusing specifically on how teachers have adjusted to school accountability measures, have engaged in professional learning, and have negotiated their various identities as professionals.

Leal, Priscila — A’o Language Education Consulting

Sanczyk, Anna — University of North Carolina at Charlotte

Academic Professional’s Perception of Organizational Politics and Job Stress Relationship: An analysis from Two Different Public Sector Universities’ Samples

This study investigated the existence, effect and the relationship of Perception of Organizational Politics on Job Stress among University Academic Professional. Response rate was 86.6% which is quite remarkable as it represents the interest and consideration from the respondents on this topic. The crux of the study confirmed the existing of organizational politics and its effect i.e. stress on the performance of Academic Professionals. The study is a major contribution in the education sector where the literature is rare and unstudied as per contextual gap.

ur Rehman, Faisal — University of Utara Malaysia

Zakaria, Nazlina — University Utara Malaysia

Boundary Orientation: An Integrated and Expanded Model

This paper explores elements of care that are necessary for healthy child development, including protection, opportunities for growth, socialization, and empowerment. Educators, as well as parents, must understand and maintain boundaries with respect to these key aspects of care. These concepts will be analyzed through studies from both developmental psychology and feminist theorists. Concepts will be illustrated through both parent and teacher applications.

Davidson, Oliver — University of Texas, Austin

Wright, Sue Marie — Eastern Washington University

Experience to Affect Advertising Literacy Among Elementary School Students

This study aimed to examine the effect of experience on advertising literacy among elementary school students. An online survey was conducted with 932 parents. The results of a one-way analysis of variance within the two groups (the presence and absence of noticing) indicated that children who noticed unknown information on products by confirmation and exploration showed less understanding the characteristics of advertisements. The findings suggested that these experiences were not enough to enhance advertising literacy

Suzuki, Kanae — University of Tsukuba

Mother’s Perceptions and Beliefs About the Role of Parents in Preventing Adolescent Impaired Driving Behaviours

Through an examination of the literature, one may see that the focus on parents in relation to adolescent impaired driving behaviours is justified, timely, and novel. In research and in schools, behaviours such as substance use and impaired driving are often seen as relating to factors stemming from the individual or peer-group, but the influence of the family environment is similarly critical. These influences, in the form of maternal perceptions and beliefs, will be discussed.

Hunter, Jessica — Simon Fraser University

Hoskyn, Maureen — Simon Fraser University

Health Consciousness Among Saudi Citizens: Research Proposal

I will present using PowerPoint slides covering the main ideas I will include introduction, problem statement, significant of the research, research question and proposed methodology.

Iskandarani, Leenah — University of St. Thomas

Utilizing a Peer Mentorship Model to Teach Healthy Living Practices to Native American Youth

Cooperative Extension has an established capacity to implement educational programming throughout rural communities.

Sulzer, Sandra — Utah State University

Prevedel, Suzanne — Utah State University

Wray, Paige — Utah State University

MacArthur, Stacey — Utah State University

Keady, Timothy — Utah State University

Madden, Erin — University of New Mexico

Face-To-Face and Videoconference Mentoring Success Among Outpatient Physical and Occupational Therapists

The purpose of this mixed methods, convergent design study was to compare the effectiveness of mentoring in face-to-face meetings to mentoring using videoconference meetings among newly graduated therapists. Results showed that there was no significant difference in the mentee's perception of effectiveness in the mentoring areas of work setting relationships, clinical skill knowledge/attainment, career path/future planning and organizational role. The qualitative responses supported the idea that participants preferred face-to-face mentoring for practicing hands-on skills and building personal connections but also appreciated the benefits of videoconference mentoring.

Feretti, Ann Marie — MOTION PT Group

Kupczynski, Lori — University of St. Augustine for Health Sciences

Groff, Shannon — Florida College at Jacksonville

Converging Behavioral and Psychophysiological Data to Understand Visuospatial Cognition and Learning in Chemistry

In this session, we will discuss an empirical study that used both behavioral and psychophysiological data sources (EEG, fNIRS and eye tracking) to examine how 120 community college students new to organic chemistry processed and learned with 2D (dash-wedge) and 3D (ball-stick) visuospatial molecule representations in a common stereochemistry task (chirality). Implications for using multimodal data in educational research will be discussed.

Antonenko, Pavlo — University of Florida

Examining Peer Feedback in a Technology-Mediated Collaborative Writing Class

This study examines the process of planning and implementing collaborative peer feedback using technology. And, the data from the survey and interview shed light on the numerous benefits and challenges of peer feedback within a technology mediated collaborative group work.

Mori, Carolyn — Tokyo International University

Social Emotional Learning and Virtual Reality Support

A PowerPoint presentation of approximately 15 minutes followed by an interactive discussion of the remaining allotted presentation time. The presentation will address and integrate the major points of the paper to include Social Emotion Learning, Brain Research Implications, and Virtual Reality Enhancements and support.

Beckwith, E. George — National University

Combining Immersive Technologies to Leverage Pre-service Teacher Training

This presentation will focus on how one university educator preparation provider is combining AR/ VR in pre-service teacher training. It will demonstrate how AR/VR provide safe areas to practice newly learned skills, promote culturally responsive teaching, offer new ways of thinking and teaching, builds candidate confidence in using technology. It will provide recent research findings on the perceptions of pre-service teachers with the use of AR/VR. Lastly, audience members will directly interact and use materials.

Figueroa, Jorge — Texas Woman's University

Huffman, Lisa — Texas Woman's University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Holt, Brett

The Fabricated Authority of Accreditation and its Effects on Academic Freedom

This Presentation will identify the historical context of public institutions' association with educational accrediting bodies and a philosophical discourse that illustrates accreditation's invasive behavior on the foundation of academic freedom.

Holt, Brett — University of Vermont

Promoting Inclusion in Higher Education Classrooms through Student Panels in Faculty Development

Opportunities for faculty to reflect on their support of students from traditionally marginalized identities tend to be structured as conversations about students, but students themselves often are absent. In 2018, UNCG introduced Viewpoints of Inclusive Student Experiences (VOISES) as an opportunity for faculty to hear directly from students who self-identify within marginalized identities. We share details about the program and its impact on our faculty through insights and feedback from over a year of experience.

Gonzalez, Marisa — University of North Carolina at Greensboro

Callejas, Cristina Arango — University of North Carolina at Greensboro

Peterson, Benjamin — University of North Carolina at Greensboro

Understanding Factors that Impact Students' Retention in College: A School-University Partnership Reports on Lessons Learned

The purpose of this qualitative research study was to identify the practices and processes implemented by a school-university partnership that contributed to an understanding of factors that influenced students' enrollment and retention in postsecondary education. In analyzing information acquired from the partnership, practices and processes were identified as lessons learned that could be beneficial to other educators who are working to increase students' enrollment and retention in college. These lessons learned will be presented in this session.

Alford, Betty — California State Polytechnic University

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Pipe, Laura

TALLS: A Model for Liberation and Resistance

In this session, attendees will explore the TALLS Model (Toward a Liberated Learning Spirit), developed by Pipe and Stephens, which infuses traditionally-considered equity approaches with an indigenous pedagogical approach and Martin Luther King Jr.'s Six Steps of Nonviolent Social Change. Through a series of transferable activities and guided reflection, participants will extend their understanding of intellectual curiosity to one of curiosity for change, blending culturally-responsive pedagogy and experiential approaches into the learning environment.

Pipe, Laura — University of North Carolina at Greensboro

Stephens, Jennifer — University of North Carolina at Greensboro

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Phelps, Yvonne

Increasing Student Engagement by Leveraging Local Employers

An opportunity exists for Universities to partner with local employers to help support strategic student career choices and uncover employment laddering options to lay the foundation for students to upskill in select occupational career categories. This qualitative case study will explore options leveraging academic and university leaders and community employers.

Phelps, Yvonne — University of Phoenix

Van Pelt, Summer — University of Phoenix

Palaroan, Michelle — University of Phoenix

Time: 8:00 - 9:30 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Chavez-Thibault, Malissa

Supporting Educators through Professional Development Paired with Coaching

In this workshop session, presenters will share their unique approach to professional development paired with coaching to better prepare educators to best support English Language Learners (ELLs). You will participate in an interactive model of the approach that is grounded in Darling-Hammond, Hyler, and Gardner's (2017) seven elements of effective professional development and reflect on this teacher education approach within your own context.

Chavez-Thibault, Malissa — Arizona State University

Aparicio, Silvia — Arizona State University

Farr, Wendy — Arizona State University

Adapting a Youth Program for Hispanic/Latinx Youth Audiences

This session will describe the steps taken in adapting a youth entrepreneurship program to effectively educate Hispanic/Latinx youth. The outcomes of the developed program indicated Hispanic/Latinx youth had increased knowledge of entrepreneurial concepts and acquired self-confidence to become an entrepreneur. There is currently limited research to know what factors contribute to a successful Hispanic/Latinx youth program, and this program's results support existing research and suggests new research in continued confidence-building for Latinx youth programs.

Amende, Jackie — University of Idaho Extension

Greenway, Surine — University of Idaho Extension

Vega, Liliana — University of California, Davis

Japanese Language Classes Providing Career Support

The development of a "Japanese for Professional Purposes" course is summarized. The course aims to prepare international students for the initial hiring process and the corporate culture once hired. The presenters explain how the course differs from a general business language course together with issues encountered during the curriculum development process. Student satisfaction and instructor concerns are analyzed and content adjustments are considered. Finally, the cooperation with other university organizations is described and evaluated.

Vanbaelen, Ruth — University of Tsukuba

Kido, Mitsuko — University of Tsukuba

Sekizaki, Hironori — University of Tsukuba

Hirakata, Yukiko — University of Tsukuba

Ishida, Mami — University of Tsukuba

Itokawa, Yu — University of Tsukuba

Kato, Asagi — University of Tsukuba

Kondo, Yukiko — University of Tsukuba

Nagato, Minako — University of Tsukuba

Sekiguchi, Mio — University of Tsukuba

Takahashi, Jun — University of Tsukuba

Yamamoto, Chinami — University of Tsukuba

Zen, Koran — University of Tsukuba

Suetomi, Mayumi — University of Tsukuba

Takishita, Yoshihi — University of Tsukuba

The Science of Global Learning: Curriculum in an International Context

This session is a commentary on the value of curriculum in an international context. It analyzes the importance of incorporating pedagogy with a relational emphasis, creating stronger cultural sensitivity, international awareness, and overall more effective global communication skills. It concludes by exploring salient features of successful educators in a diverse world.

Dean, Prem — National University

Written Authentic Materials: An Examination of Adult English Language Learners' Perceptions About the Use of Real-Life Materials to Teach and Learn English

The study examined English language learners' perceptions about the use of authentic materials in English reading classes. Qualitative data were collected through classroom observation and semi-structured interviews with adult ESL learners. The findings suggest that the use of authentic materials leads to many social and academic benefits, such as increased classroom authenticity, improved students' motivation, and enhanced cultural awareness. However, a lack of pedagogical intention and the difficulty of some texts were among the identified challenges.

Albiladi, Waheeb — University of Arkansas

Effective Teaching of English Time Adverbs

We present a statistical investigation of an effective method of teaching English time adverbs, 'still, yet, and already,' using moving pictures that we have developed. The English aspectual system is difficult for Japanese learners of English because of the existence of a Japanese inflectional morpheme 'teiru,' which can be interpreted as progressive, past perfect, or present tense. We will show how learners acquire those time adverbs related to English aspect.

Takahashi, Chikako — Tokyo Junshin University

Matsuya, Akemi — Takachiho University

Effectiveness of Writing Exercise in English Through the 'Web Class' for Japanese Learners

This report examines the learning effectiveness of an exercise I created for English composition proficiency in a classroom setting. Using of the university's portal page, students collaboratively develop a passage by posting one word at a time until the start of the next class. Since 2015, I have analysed 160 student-made passages. The findings of the analysis indicate high learning potential.

Ito, Yukiko — Tokyo Denki University

Exploring Critical Literacy in the Korean EFL High School Classroom

This qualitative case study explores how a native-speaking English teacher integrates critical literacy into the Korean high school classroom. It describes the process as well as benefits and challenges of implementing critical literacy into the EFL curriculum in which students examined social issues, such as racism, sexism, and LGBT rights. The presentation concludes with suggestions for teachers who are interested in enacting critical literacy pedagogy in their classrooms.

Cho, Hyesun — University of Kansas

Exploring the Tenets of Tribal Critical Race Theory in Grade 4

The presentation explores the use of Tribal Critical Race Theory (TribalCrit) to design and implement a lesson about the history of Indigenous peoples for fourth-grade students. The author acknowledges challenges with required textbooks and encourages teachers and students to understand history from multiple perspectives. The lesson is built on the author's personal experiences as an elementary school teacher in both public and private schools.

Neddeau, Browning — California State University, Chico

Two Spirit Knowledge in the Social Studies Classroom

Though k-12 social studies teachers across the United States instruct/inform their students about various American Indian people and their traditions, little is spoken about Two Spirit individuals, those imbued with both the masculine and the feminine residing within one individual body (Anguksuar, 1997). This paper describes the lessons learned when one social studies teacher includes Two Spirit knowledge in his elective Anthropology class in a Midwest (United States) high school.

Mayo, Jr., J.B. — University of Minnesota

How Family History Impacts Mainland 4th & 5th Generation Japanese Americans

The purpose of this paper is to provide historical information on 4th and 5th generation Japanese American adults, primarily residing in California. Based on the interviews of 40 participants, the results indicate a reverence to family history and how experiences from previous generations influence identity.

Saito, L. Erika — Pacific Academy K-12

Interdisciplinary Training on Queer-Affirmative Practice for Medical and Social Work Students

The sexual and gender minority population have disproportionately higher negative health outcomes and barriers to accessing healthcare compared to their cisgender-heterosexual peers. Despite this, little time is spent in the education of medical and social work students on how to work as a team to address these issues. This presentation highlights the medical needs, how to design and implement an interdisciplinary training program, and the initial results of implementing such a program within this population.

Bragg, Jedediah — University of Oklahoma–Tulsa

Rodriguez, Kristin — University of Oklahoma–Tulsa

Latham, Whitney — Oklahoma State University

Peak, Ian — University of Oklahoma–Tulsa

Nay, Eden — Oklahoma State University

Nguyen, Tuan — Oklahoma State University

Howell, Daniel — University of Oklahoma

Intercultural Education in Kosovo: A Critical Case Study

This critical case study investigates intercultural education experiences at the University of Prishtina's Faculty of Education in Kosovo. The data included pre and post open-ended surveys, one on one interviews, and follow up interviews with students to determine their general perceptions, knowledge, skills, and dispositions regarding intercultural education. The findings suggest contextualizing issues of intercultural education in doctoral studies in education, integrating local to global connections in teaching, research, and service, and increasing intercultural experiences.

White, Cameron — University of Houston

Saqipi, Blerim — University of Prishtina

Bachmann, Abbey — University of Houston

Lewis, Anita — University of Houston

Uzzell, Keela — University of Houston

Mack, Rosa — University of Houston

Learning from Chinese Sister Schools: An International Educational and Cultural Exchange

Local communities and economies are more globally connected than ever before. The potential to learn from other educational systems can be a necessary and powerful endeavor. This study analyzes the impact an international educational and cultural exchange program between Los Angeles and Beijing area schools had on American educator perceptions of student engagement, creativity, and pedagogy. Preliminary findings suggest this exchange generated highly reflective meta-cognitive processes among participants that can have positive implications for pedagogy.

Nava, Imelda — University of California Los Angeles

Nava, Marco — Los Angeles Unified School District

Nava, Román — San Diego State University

Effects of School Discipline on Vulnerable Families

This study explores the extent to which the negative effects of school suspensions might extend to families as well. We quantitatively examine whether and how exclusionary school discipline is related to the health and labor market outcomes of the mothers of disciplined children.

Gleit, Rebecca — Stanford University

Sosina, Victoria — Stanford University

Hungry Leopard

Online order application is one of the most popular methods to order foods. Not only for commercial restaurants, most of higher education institutes also provide campus-dining applications. However, existing applications are passive information-based solutions by providing menus, hours of operation, and location of the cafeteria or links to ordering applications. In this paper, we propose the Hungry Leopards, a mobile application that provides not only online ordering and payment, but also a secure pick-up solution.

Zhao, Kai — Wentworth Institute of Technology

Deng, Olivia — Wentworth Institute of Technology

Huang, Johnny — Wentworth Institute of Technology

Yun, Mira — Wentworth Institute of Technology

The Role of Online Learning and the Implementation of Academic Continuity Plans: Preserving the Delivery of the Academy

The number, frequency, and severity of natural or human-made emergencies are on the rise. Higher education institutions are presented with challenges of potential campus closures. Planning for such events has become necessary through a process known as Academic Continuity. The advent and popularity of online education make the modality a formidable ally to complement and swiftly resume classes, after a significant event. Participants will leave with knowledge for how to engage the campus community in the planning and implementation of an Academic Continuity Plan.

Morales, Carlos — Tarrant County College

Focus of Quality and Success: A model to Implement Online Faculty Support Services

The relentless increase in popularity of online learning courses and programs in the last decade has been fueled by early adopters, rapid change, dwindling enrollments and revenue. To maintain a thriving online campus moving forward, it is paramount to safeguard that the faculty possess the right skills, at the right time, with the right resources to perform their role at optimum capacity. This session provides engaging strategies that help other online programs implement and support Online Faculty at a 100% online campus.

Morales, Carlos — Tarrant County College

Applying UDL Principles to Create Effective Online Learning Experiences

UDL is a research-based framework that guides the design of learning environments to make them effective and accessible for all learners. This session covers the steps taken in relation to each of the four components of effective UDL curriculum as identified by Meyer et al. (2014): goals, methods, materials and assessment.

Antonenko, Yulia — University of Florida

An Examination of Students' Perceptions of Active Learning Using Game-based Group Testing to Improve Academic Performance

Technology and students have become a natural connection, given the digital and mobile world we now live in. Technology not only encompasses selfies and gaming, it is now primed to be a key feature for innovative, technology-driven active learning spaces in higher education. This study examines students' perceptions of active learning using game-based group testing to improve academic performance.

Udeh, Kimberly Holiday — Drexel University and University of Maryland

Implementing an Inquiry-based (STEAM) Curriculum into a Summer Camp for Disadvantaged Children: Preliminary Results of a 3-Year Project

Competency in the areas of science, technology, engineering, and mathematics is essential however content areas are usually taught separately in our schools and disadvantaged children need opportunities to understand and use information (Bell & Beven, 2015). Research shows an integrated approach is a more effective (Ronis, 2007). This session provides insight into the use of inquiry-based hands-on curriculum at a summer camp for at-risk children (N=150). Preliminary results of a 3-year project will be discussed.

Mitchell, Linda Crane — East Carolina University

"Learning STEM by Making" to Prepare a Diverse STEM Workforce of the Future

We describe an undergraduate STEM model funded by the NSF's S-STEM program, awarded to a Consortium of institutions to improve the preparation of STEM majors from low-income groups for the workforce. We employ a co-curricular strategy called "Learning STEM by Making", which groups students into interdisciplinary clusters in makerspaces at Consortium institutions to make prototypes to address community-based problems. The approach simulates practices of the STEM industry through which students gain skills sought by employers.

Qazi, Mohammed — Tuskegee University

Escobar, Martha — Oakland University

Ordinary Knowledge and Scientific Practice in Elementary School Scientific Experience

This study explicates how ordinary knowledge is used in elementary school science classroom to introduce and instruct scientific knowledge and reasoning through simplified/conceptualized models of permeation through solids. From the perspective of ethnomethodology and conversation analysis, we examine video data of lessons recorded from grade 4 science education lessons in a Japanese elementary school, and demonstrate how local educational order is produced instructionally from within practices of teachers and students.

Mizukawa, Yoshifumi — Hokusei Gakuen University

Igarashi, Motoko — Hokkai Gakuen University

Nakamura, Kazuo — Aomori University

Digital Process Writing: An Apps Based Approach

This workshop session will initially provide a brief overview of my digital writing approach and the apps that underpin it. I will then walk attendees through using the range of apps I use in my digital writing classes. Taken collectively this session will equip participants with a full digital age research and writing ecosystem that can easily be passed on to students for efficient and easy academic writing.

Paterson, Rab — Toyo University

Gamifying University-Sponsored Event Interactions to Increase Under-Represented Minority Student Graduation Rates

This presentation will describe a research project that measures and analyzes interactions students have with university-sponsored events. The project goal is to increase assimilation and sense of “belonging” of URM (Under-Represented Minority) students to the university to improve that group’s graduation rate. We describe the psychological justification for this process and the technology platform for executing the data collection, storage, and analysis.

Beckman, Paul — San Francisco State University

Maintaining Retention and Minimizing Attrition

Learning is a social process that can often be seen in the interactions between students and instructors in today’s face-to-face classrooms. This paper will examine the potential benefits of creating structures for personalization within a learning environment that is asynchronous to maintain retention and minimize attrition in specific teacher education programs. In essence, seek ways in which a student-centered learning community can be created for the adult learner in an online, asynchronous, continuous intake environment.

Bustillos, Terry — National University-Costa Mesa Campus

Tyler, Clifford — National University-San Jose Campus

Eroding Investment in Repeated Peer Review: A Reaction to Unrequited Aid?

We hypothesize a trend of performance matching on peer evaluations, whereby initially high-performing students eventually match the behavior of their lower-performing classmates. Investigating over 50,000 peer evaluations, we tested class performance and found evidence for performance matching: average performance drops; performance in the upper quartile drops more significantly than performance in the lower quartile; and over time, students performing in the upper quartile drop more significantly than students performing in the lower quartile.

Joyner, David — Georgia Institute of Technology

Duncan, Alex — Georgia Institute of Technology

Responsibility Theory®: A Leap Forward in Behavior Management Using Brain-friendly Strategies by Students and Teachers

Challenging behaviors by school students can be the bane of many a teacher’s professional life and result in leaving the profession early. What if you could ‘magically’ turn this around using practical principles from contemporary Educational Neuroscience? Four key precepts from Responsibility Theory® (RT) (Purje, 2014) to regulate behaviors and thoughts are given in this session and the RT language you need to use that sees turnarounds in student and class behavior in just weeks.

Purje, Ragnar — Central Queensland University

Purnell, Ken — Central Queensland University

Neuroeducation for Teachers and School Students

With our new understandings about the brain over the past 10 years we can now better address the question: “How do children best learn?” Education practices are being transformed with new understandings of the from relatively new brain imaging techniques. Neuroeducation uses understandings about memory and learning to empower teachers and students to optimize learning. As an example, stress is the enemy of learning and we know how to mitigate that with brain-friendly learning experiences.

White, Monique — Central Queensland University

Purnell, Ken — Central Queensland University

Metacognitive Aware and Informed Instruction of Problem-solving

In order to realize metacognitive aware and informed instruction to cultivate problem-solving ability, this paper discussed a cognitive model of problem-solving activities as the metacognitive knowledge offered to learners. For this purpose, my “Warp and Woof model” is referred to as the starting point. Moreover, the definition of ways of viewing and thinking, as well as methods of utilizing them, are clarified in the process of acquiring problem-solving abilities and applying them to new contexts.

Matsuda, Toshiki — Tokyo Institute of Technology

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Matsunaga, Mai

Do Self-Study Activities of Classroom English Improve Prospective Teachers' English Proficiency and Teaching Skills?

This study examined the feasibility and effectiveness of a self-study activity which targeted Japanese university students enrolled in a teaching certificate program. It was meant to improve their English proficiency and teaching skills as future elementary school teachers. The participants participated in a self-study activity on classroom English, using an assigned textbook for three months. Overall results suggested the participants' positive attitudes towards self-study activities, and the participants' improvements in their English and teaching skills.

Matsunaga, Mai — Kyoto Sangyo University

Beginning Teacher Voices: Advice to School-based Administrators on Building Practices to Support Flourishing

This presentation describes a recent Saskatchewan study where through a provincial survey and focus groups, beginning teachers provided perceptions on their early teaching experiences. Beginning teacher voices provided insights for school-based administrators striving to build promising practices to support beginning teacher flourishing.

Dollansky, Tracy — University of Saskatchewan

Hellsten, Laurie-ann — University of Saskatchewan

Lemisko, Lynn — University of Saskatchewan

Anderson, Vince — University of Saskatchewan

Culturally Responsive Literacy Instruction: Elevating Teacher Candidates' Readiness Through an Urban Collaborative Clinic

Teacher preparation programs aim to develop teachers' abilities to work in diverse settings. This project shows that a placement in a diverse setting and the addition of course experiences to support culturally responsive instruction are not necessarily enough, however. Teacher candidates must be challenged by a setting to the extent that they have an awareness and readiness to learn more about meeting the needs of children and families in high needs populations.

Wenzel, Taylor — University of Central Florida

Case Study: Analysis of Graduate Teaching Assistants' Teaching Performance in Response to the Pre-Service Training and In-Service Mentoring in Foreign Language Instruction

The presentation reports the observation of three graduate teaching assistants' (GTA) teaching performance in five categories: instructional delivery, material preparation, one-on-one individualized teaching sessions, involvement in programmatic events, and communication skills. The analysis of the GTAs' performance is referenced with the pre-service training and in-service mentoring in an effort to investigate the further additional instructional support necessary for GTAs to succeed in their college teaching responsibilities.

Wu, Ching-Hsuan — West Virginia University

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 2
Session Topic: Counselor Education - Workshop **Session Chair:** Snyder, Carla

Change the World... Where Passion Intersects with Purpose

With the backdrop of the calming island breeze, step back and enjoy the opportunity to reflect, re-energize and refine your voyage. Knowing the importance of stretching and sometimes reinventing one's self in this rapidly changing environment creates the need for learning new strategies for continued career fulfillment. Join me for a lively discussion filled with numerous tools, techniques and pragmatic suggestions to ignite your professional experience as well as being the beacon of light for those you touch and daily inspire; students, family and our Community thirsting for meaning in the work that we all do.

Snyder, Carla — Valley of the Sun United Way

Training School Leaders to Better Understand and Address Conflict

This paper advances important information about administrator struggles with conflict in schools and the lack of formal preparation in this area. Starting with original data supporting the need for targeted training with conflict, the paper additionally addresses ways that administrators could better understand and effectively reframe the conflict they find themselves drawn into. Ultimately, information provided is intended to positively impact attendee's own efforts to lead through conflict as well as contribute to the literature.

Hughes, Thomas — Northern Arizona University

Davidson, Frank — Northern Arizona University

Schwanenberger, Michael — Northern Arizona University

Engaging Latino Parents Through Technology at the Secondary Level

This paper advances the importance of parental participation in schools by exploring the possibilities of educators in Latino communities actually expanding active adult engagement as students move on to secondary schools. Focusing directly on conditions in California, and utilizing phenomenological approaches to better understand parental perceptions and aspirations, the study ultimately addresses ways through which the achievement gap long connected with Latino students could begin to be narrowed with increased engagement from home.

Hope, Yvette — Northern Arizona University

Hughes, Thomas — Northern Arizona University

Davidson, Frank — Northern Arizona University

An Analysis of Evidence and Trends in National School Administrator Evaluation Systems

This purpose of this presentation is to present an analysis of current systems of evaluating school administrators. The presenters will define evidence and trends in systems of evaluating school administrators, as well as propose some conclusions about effective systems for evaluating school administrators.

Kurth, David — National University

Sewell, Glenn — National University

Panning for Gold, Part I: Program Evaluation of Community Service Learning (CSL) in a Teacher Education Program

The paper outlines the findings from a program evaluation of a non-evaluated Community Service Learning (CSL) in a teacher education program in an urban university setting. Findings indicate that the introduction of CSL into a pre-service program had positive results for student learning and increased confidence to undertake an evaluated practicum.

Andrews, Bernard — University of Ottawa

Adam, Hannah — University of Ottawa

3D Printing and Students' STEM Motivation in K-12 Science Education

This study examined the relationship between teacher beliefs, 3D printing integration in science classrooms, and students' STEM motivation. Results indicated that teachers' 3D printing integration level was not significant for students' STEM motivation, but STEM integration level was a positive predictor of students' math motivation. Interesting interaction effects were observed between student variables (student gender and pretest scores) and teacher variables (teacher beliefs and 3D printing integration).

Antonenko, Pavlo — University of Florida

Transforming Pedagogies: Advancing 21st Century Learning in Primary/Junior Classrooms

This paper outlines The Integrated Literacies Program (ILP), a multiliteracies/multimodalities, technology-infused literacy framework focused on developing 21st-century competencies of critical thinking, problem-solving, communication, and collaboration, by advancing teachers' curricular goals through innovative digital literacy pedagogies. While increasing access to digital devices, this project outlines the specific pedagogical training and ongoing support that enabled teachers in a low-income, high needs school to effectively embed digital tools as a regular part of literacy practice in their primary/junior classrooms.

McPherson, Kisha — York University

de Castell, Suzanne — Ontario Tech University

Ewart, Keri-Lyn — Brock University

Student Responses to Virtual Synchronous, Hybrid, and Face-to-Face Teaching/Learning

This presentation will describe a study that was conducted with students enrolled in a virtual synchronous course. They were asked to complete a survey about the quality of audio and video, ability to participate in discussions, convenience of use, and level of satisfaction. Also, a comparison of virtual synchronous, asynchronous, and face-to-face was conducted.

Flynn-Wilson, Linda — University of New Orleans

Reynolds, Kate — University of New Orleans

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Morgan, Dewayne

Minding Curricular Change: Sustaining Mathematics Reforms at Maryland Colleges and Universities

This paper will share learnings from a high-functioning P-20 partnership of twelve collaborating institutions that was designed to ameliorate opportunity gaps between groups of students by reforming developmental mathematics. The ultimate effect of the reform was a newly developed mathematics pathway that accelerates students' ability to learn important mathematics concepts and improves their progress to undergraduate degrees.

Morgan, Dewayne — University System of Maryland

Shapiro, Nancy — University System of Maryland

Feagin, Karen — University System of Maryland

FD (Faculty Development) Project for Music Performance Teachers in Japanese Higher Education

The presenters will share their ideas of the FD project for music performance teachers at Japanese music college. The project explores a way to make use of "open music lessons" using the frameworks of ICE model for FD. As the FD, the following abilities are enhanced: 1) analytical ability, 2) coaching ability and 3) metacognitive ability. The two worksheets which raise awareness of music performance teachers will be shared as well.

Motojima, Asako — Kunitachi College of Music

Nakanishi, Chiharu — Kunitachi College of Music

Training Metacognition of Students by Use of the Bloom's Revised Taxonomy Table

The presenters will share their ideas of training metacognition for students by modifying the Bloom's revised Taxonomy Table (Anderson and Krathwohl et al., 2001). The Taxonomy Table was a two-dimensional tool which classify knowledge into 4 types and cognitive process into 6 categories. The Taxonomy Table was originally made for teachers to gain more complete understanding of their objectives of their teaching. In this study, teachers substitute the types of knowledge with the words used in the subject content. By using the Taxonomy Table Substituted with easy to understand (TTS), the students can also use the TTS as a tool to self-check their knowledge in the past and something they should learn from now on.

Nakanishi, Chiharu — Kunitachi College of Music

Nakanishi, Hodaka — Teikyo University

Motojima, Asako — Kunitachi College of Music

Promoting Doctoral Student Efficacy, Persistence, and Matriculation through Concierge Support

One institution has combined individual continuous advising, a mentoring process threaded through the doctoral program, and unique interactions with faculty and staff to contribute to successful completion of an EdD program. These components promote Efficacy, Persistence and Matriculation in the program. The presentation will discuss the elements involved in this model and provide data focused on retention and success. It will then provide discussion focused on implementation of the model with replicability other doctoral programs.

Kupczynski, Lori — University of St. Augustine for Health Sciences

Groff, Shannon — Florida State College at Jacksonville

Aguilar, Sundip — University of St. Augustine for Health Sciences

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Dugi, Rosemarie

Your Divided Classroom: Faculty Engaging in an Era of Disunion

The aim of the workshop is to engage educators in challenging topics such as race & racism. Since every classroom is a space for dialogue, discussion, and confronting difficult topics, we designed activities to carefully discuss Race and Racism in today's 21st Century classroom.

Dugi, Rosemarie — South Mountain Community College

Cherland, Summer — South Mountain Community College

Rivers, Andrea — South Mountain Community College

Mahmood, Azra — South Mountain Community College

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Panel **Session Chair:** Chun, Hans

Executing a Student Success Focused Emergency Preparedness and Management Plan

Leadership involved with emergency preparedness from The University of North Carolina at Chapel Hill and Chaminade University of Honolulu discuss making it an institutional priority to address student needs before, during, and after an emergency. Panelist will provide an overview of some best practices along with discussing the lessons learned and progress made as a result. The two campuses provide a context of higher education institutions that vary in size, geography, student population, and resources.

Chun, Hans — Chaminade University of Honolulu

Rieckenberg, Desirée — University of North Carolina-Chapel Hill

Jerome, Allison — Chaminade University of Honolulu

Jeter, Darrell — University of North Carolina-Chapel Hill

Time: 9:45 - 11:15 AM / **Sunday** - 1/5/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Jones, Leslie Sandra

Human Diversity Is Not “Race”: A Workshop on the Inheritance of Human Skin Color

For teachers to understand and handle racism in schools, we need to model antiracist lessons in their professional education. Participants will use manipulatives to work through the way natural selection influenced the evolution of skin colors in indigenous populations and how modern globalization is altering the tonal spectrum of humanity. There will be discussion of how to teach students to distinguish the biological reality of human diversity from the sociocultural construction of race.

Jones, Leslie Sandra — Valdosta State University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development **Session Chair:** Wiley, Jennifer

Comparison of Active and Passive Learning on Long-Term Academic Retention in a Midwestern Elementary School

The presentation will discuss research conducted by a pre-service teacher that spans a two-year period. Research was accomplished that compared active and passive learning and their effects on long-term retention. Active learning is an instructional approach in which students engage in their learning process. In comparison, passive learning is the absorption of information presented to the learner without teacher feedback or discussion.

Wiley, Jennifer — Wartburg College

Mastering Cybersecurity

Our curriculum model integrates three fundamental knowledge areas that are closely related to cybersecurity ideas and efforts while developing a multidisciplinary curriculum. We gathered data from 108 institutions on 140 cybersecurity masters programs. We reviewed and evaluated the curricula structure, degree requirements, course contents, and assessed how cybersecurity programs were organized, what technical and non-technical areas were included in curricula, and where the overall emphasis of knowledge areas existed in program offerings.

Jackson, Shane — Metropolitan State University of Denver

Fustos, Janos — Metropolitan State University of Denver

Diversifying Engineering via Identity- Congruent Education

Increasing evidence suggests that students who do not form an engineering identity at an early age (e.g., 12) do not pursue engineering careers. With the rising importance of such skills to STEM industries, educational opportunities have been developed that foster engineering identity. Operationalizing identity-based motivation (IBM) framework within a digital- game based (DGBL) learning environment may enable educational experiences to foster engineering identity formation in underrepresented minorities (e.g. young, women, rural, Native American).

Gannon, Paul — Montana State University

Lux, Nicholas — Montana State University

Obery, Amanda — Montana State University Billings

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Hibiscus 2
Session Topic: STEM Education - Workshop **Session Chair:** Kowalski, Frank

Helping STEM Students Ask Productive Questions

Students that ask and pursue productive questions enrich our STEM classroom learning environment. Subsequently, this skill can also serve these students well as they search for creative solutions to research problems, develop innovative new products, or explore interdisciplinary connections. Through demonstration, active learning, and small group activities, this workshop explores how we can help students ask more productive, thoughtful questions.

Kowalski, Frank — Colorado School of Mines

Kowalski, Susan — Colorado School of Mines

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL - Workshop **Session Chair:** Chavez-Thibault, Malissa

Problem-Based Enhanced Language Learning: An Innovative Instructional Approach

In this workshop session, presenters will share an innovative instructional approach called Problem-Based Enhanced Language Learning (PBELL). PBELL takes the roots of problem-based learning (PBL) and enhances it with language so that all learners, specifically English Language Learners (ELLs), can access the content. Session participants will take part in a PBELL experience and have an opportunity to plan for how they can apply this innovative instructional approach in their own individual educational contexts.

Chavez-Thibault, Malissa — Arizona State University

Aparicio, Silvia — Arizona State University

Farr, Wendy — Arizona State University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 4
Session Topic: Secondary Education - Workshop **Session Chair:** Farrell, Alice

Holistic Programming- Trauma-Informed Approach & Social-Emotional Development

As parents are children's first academic, social and emotional development teachers, the workforce must acquire skills to engage parents in learning how to promote children's social and emotional growth. School personnel, providers and communities must understand how children learn, and the impact SEL can have on children, family dynamics, and communities. I will introduce Collaborative for Academic, Social and Emotional Learning's Competencies Framework. Participants will learn strategies for creating trauma-sensitive schools to support children's development.
Farrell, Alice — Olive Branch Clinical and Consulting Services, LLC

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Coughlin, Mimi

Cross-Disciplinary Teaching: Engaging the Holocaust in Today's World

In this workshop we will share the lessons (literally and figuratively) of a multiyear collaboration between teacher educators at Sacramento State, our student teachers, and experts at the Central Valley Holocaust Educators Network (CVHEN). Together we developed cross-disciplinary approaches to teaching the Holocaust. Accurate and empathetic understanding of this history is essential as Anti-Semitism is again on the rise in the Western world. We will share curriculum and instructional strategies to engage today's students.

Coughlin, Mimi — Sacramento State University
Merrill, Marcy — Sacramento State University
Igra, Liz — Central Valley Holocaust Educators Network (CVHEN)
Heno, Amy — Central Valley Holocaust Educators Network (CVHEN)
Cooperman, Jody — Central Valley Holocaust Educators Network (CVHEN)

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Brock, Tessa

The Triggered Brain (Enhancing Self-Awareness and Prevention Strategies for Trauma Informed Approaches)

Working with students who are easily triggered can be challenging. Trauma comes in many shapes and sizes and often manifests itself as "difficult behaviors" in students. In this lighthearted and informative workshop, participants will have hands on opportunities to gain skills and insights into students they work with (and themselves), while identifying strategies to understand the triggered brain and to minimize triggered moments. This interactive session will discuss brain states, self-regulation, and strategies to encourage adult self-awareness and positive student behavior.
Brock, Tessa — Harmonizing Hearts, Consultant

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Kahili 1
Session Topic: Education Policy and Leadership **Session Chair:** Bottomley, Kevin

Using the VAE-model to Develop Sustainable Leadership in Education by Passing the Torch to Millennials

The VAE-model (vision, alignment, and execution) provides a strategic framework to educational leaders to identify the next generation of leadership. Building on the concept of succession planning and sustainable leadership Boomer leaders can pass on their knowledge for high impact conversations to reshape perspectives, refine purposes, and redirect resources for alignment with desired outcomes.

Bottomley, Kevin — University of Phoenix
Burleigh, Cheryl — University of Phoenix
Migliore, LauraAnn — University of Phoenix
Bean, Erik — University of Phoenix

Using Data Displays to Engage and Focus School Improvement Teams

Effective educational leaders use data when working with staff to focus and drive decisions for school improvement (Bryk, Gomez, Grunow, & LeMahieu, 2015). When aspiring principals used data displays during collaborative meetings to guide school improvement, these meetings went more smoothly. Displays seemed to engage and focus team members more thoroughly. This study's results have implications for principal preparation programs related to instruction and use of data.
Bickmore, Dana — University of Nevada, Las Vegas
Lee, R. Karlene McCormick — Newleef, LLC

Conduct Unbecoming? Teacher Professionalism, Ethical Codes and Shifting Social Expectations

This presentation reports on a historical investigation into changing expectations regarding teacher conduct in relation to the evolving policies and codes of ethics of the Saskatchewan Teachers' Federation and the proclamation of a government mandated teacher regulatory board. This study was based on the idea that ethics are established and re-established as the values and behaviors considered to be professional change in relation to the shifting socio-political context.

Cochran, Natasha — University of Saskatchewan
Lemisko, Lynn — University of Saskatchewan

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Kahili 2
Session Topic: STEM Education **Session Chair:** Schmeelk, Suzanna

Research on Computational Thinking In: The Video Mosaic Collaborative

Computational thinking is a thought process involved in transforming a problem into a representation recognized by a computer. This research reports on a collection of video data, tasks, student work, and video narratives, that come from 30 years of longitudinal and cross-sectional research studies on students' mathematical learning, specifically as it relates to computational thinking, from early years to adulthood.

Schmeelk, Suzanna — St. John's University

Krupnik, Victoria — Rutgers University

Nyakoojo, Usufu — Rutgers University

Maher, Carolyn — Rutgers University

Horowitz, Ken — New Jersey Institute of Technology

Mathematics Used in Introductory Statistics and the Effects of Math Knowledge

Math courses such as College Algebra are frequently prerequisites for general education introductory statistics, although little evidence exists that College Algebra is the proper fit. This session will describe one department's process in determining the math needed in Introductory Statistics, designing a diagnostic that can be shared, and work in progress about quantitatively examining the relationship between mathematics knowledge and statistics course success.

Molnar, Adam — Oklahoma State University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Lehua
Session Topic: Language Education **Session Chair:** Vanbaelen, Ruth

A Decade of Japanese Language Classes for English Medium Majors

This presentation summarizes one decade of Japanese classes for English medium majors at a Japanese national university. The course coordinators describe the reasons for creating the course together with the course goals and contents. Changes in the number of participating English medium programs, the participant numbers, and the course levels and number of classes offered per term are discussed. Finally, the student needs, leading to activities beyond Japanese language learning, are examined.

Vanbaelen, Ruth — University of Tsukuba

Bushnell, Cade — University of Tsukuba

Short Term Language and Culture Study Abroad Program for University Students and Its Effectiveness on Students' Language and Culture Skills

The author will share with fellow educators a program that he created, which is a short term Arabic summer study abroad program, and its effectiveness or un-effectiveness on developing the needed language skills. The author will use data collected over the period of three years addressing pre-program and post-program questionnaires, in addition to a detailed comparison between quizzes and tests results of the program participants and other students, who did not participate in the program.

Mahmoud, Tarek — Embry-Riddle Aeronautical University

Constructing a Bilingual Japanese-English Collocations Dictionary: A Corpus-based Approach

This study will introduce our project for constructing a bilingual Japanese-English collocations dictionary. It will be shown that this new type of dictionary is beneficial particularly for encoding purposes (writing and speaking). In addition, it will be argued that the corpus-based approach will significantly improve the coverage of the dictionary.

Uchida, Satoru — Kyushu University

Ishii, Yasutake — Seijo University

Kudo, Yoji — Tamagawa University

Haswell, Christopher — Kyushu University

Minn, Danny — University of Kitakyushu

Uchida, Seiji — Nara University

Akano, Ichiro — Kyoto University of Foreign Studies

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education **Session Chair:** Haami, Meri

WHAKARAUORA: Re-integrating Traditional Ancestral Knowledge into Māori School Curricular

The Whakarauora Research Project aims to collect traditional fishing knowledge and methods used by Whanganui ancestors. This knowledge will be collected and reintegrated into an education curriculum.

Haami, Meri — Te Atawhai o Te Ao

Indigenizing Career Counselling: Breaking Bad Employment Policy with Indigenous Knowledges

This presentation will share results from an empirical study on Indigenous career counselling and development in Canada. A career development model for practice and policy recommendations will be shared.

Stewart, Suzanne — University of Toronto

Marshall, Anne — University of Victoria

A Theoretical Framework for Cultural Intelligence: Competency, Responsiveness, or Enrichment?

This paper develops a theoretical framework for Cultural Intelligence by comparing the perspectives of Cultural Competency, Responsiveness, and Enrichment and discussing the practical implications of their implementation in international educational policy.

Kingsley, Eiline — Western New Mexico University

Introducing Métis Languages in Canadian French-Speaking Schools and French Immersion Programs: Building Bridges

In this presentation, I will discuss a pedagogical approach that I am implementing within the mainstream curriculum, in Canadian French-speaking schools in order to contribute to the revitalization of the Michif language, an endangered Indigenous language spoken by Métis people. We will discuss the potential of such a multilingual and intercultural program to develop both teachers' and students' awareness of Aboriginal languages and cultures, build foundations for better understanding, and strengthen multilingual and intercultural skills.

Lemaire, Eva — University of Alberta

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Nautilus 2
Session Topic: Early Childhood Education **Session Chair:** Bub, Kristen

Peer Socialization as a Predictor of Young Children's Cognitive, Behavioral, and Emotional Regulation

In this cross-sectional study, we explore the benefits of peer transactions (competence and engagement) for 147 3- to 5-year-old Head Start children's cognitive and social/emotional capacities. Findings suggest that teacher-reported and directly-assessed peer experiences predict behavioral, emotional, and cognitive regulatory skills. By using extensive observational data combined with teacher reports, our study offers new insight into links between social adaptation in the peer group and critical learning-related skills during early childhood.

Bub, Kristen — University of Georgia

Curry, Kate — University of Illinois, Urbana-Champaign

Banerjee, Sanchari — University of Illinois, Urbana-Champaign

Smolinski, Erica — University of Georgia

Reed, Michelle — University of Illinois, Urbana-Champaign

Self-Evaluation: A Device to Support the Reflective Practice of Educators in the Workplace

This presentation follows up on a previous study in which Boily and Lefebvre (accepted) proposed a reflective step-by-step process to promote the professional learning of educators following the provision of workplace training. This communication presents the reflections of the educators at stage 3 of the process, which highlighted various forms of self-evaluation implemented by the educators. The potential of self-evaluation within the reflective approach associated with professional learning and their reinvestment in practice is discussed.

Boily, Manon — University of Quebec in Montreal

Lefebvre, Julie — University of Quebec in Montreal

Goulet, Nathalie — University of Quebec in Montreal

Jean-Baptiste, Tamie — University of Quebec in Montreal

Lachance, Sara — University of Ottawa

Creating a Culturally Responsive Learning Environment for Young Children

This project explores the journey of becoming a culturally responsive educator and ways to create a culturally responsive learning environment to support young children. We will discuss how our own values and lens impact the way we create the learning environment. We will examine ways to promote a positive learning environment that reflects young children and their families' strengths.

Seitz, Hilary — University of Alaska Anchorage

Hsiao, Wei-Ying — University of Alaska Anchorage

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Dismuke, Sherry

Teachers' Perceptions and Practices: Influences on Writing Teachers' Development

This presentation shares findings on teacher's perceptions of how various contexts--such as teacher education, school, district, and state policies--influenced their development as writing teachers. Findings indicate a lack of support for development across these contexts created a gap in teacher development. Differences in understandings and practices suggest that writing professional development served to fill in gaps of teacher knowledge, as well as disrupt negative influences of other contexts on teachers' understandings and practices.

Dismuke, Sherry — Boise State University

Martin, Susan — Boise State University

"Find Triangles, Find Squares!": Addressing the Needs of Pre-Service English Teachers Through a One-Day Workshop

This paper examines the issue of providing support for English teachers in Japan. Initially, the presenters will outline a series of intensive teacher-training workshops which were created to help improve teacher training for Japanese teachers of English. The main focus of the paper will be on a one-day workshop offered to pre-service teachers (n=18) entitled 'Transitioning from pre-service to in-service teaching.' The presenters will explicate the design of the workshop and discuss its efficacy.

Doi, Saori — University of Hawai'i at Mānoa

Cripps, Anthony — Nanzan University

Arts Education Training for Tomorrow's Elementary Teachers: Will They Be Ready

This qualitative research, conducted at Brock University (Ontario, Canada) explores the "readiness" of elementary generalist preservice teachers. Four key "Arts" disciplines—dance, drama, music, and visual arts—at the elementary (K-8) level are highlighted. Data collected from preservice teachers after participation in a full-day Arts intensive conference will be showcased. The presentation features analyses of open-ended surveys, interviews, and photographs, demonstrating that teachers need more Arts in their teacher preparation programs.

Vietgen, Peter — Brock University

Griffin, Shelley — Brock University

Winters, Kari-Lynn — Brock University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 2
Session Topic: Art Education - Workshop **Session Chair:** Bisio, Kenn

Forty Years of Photojournalism In 20 Photographs

Forty Years of Photojournalism in 20 Photographs is a motor-driven glimpse of the world captured in millisecond moments by Colorado photojournalist, and Metro State University professor, Kenn Bisio.

Bisio, Kenn — Metro State University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 3
Session Topic: Higher Education - Workshop **Session Chair:** Brown, Amy

Finding New Approaches to Introducing Adaptive Learning to Faculty

Adaptive Learning allows faculty to provide differentiated instruction using online learning environments. For many faculty members, the introduction to this approach is through publisher software requiring students to pay high fees. UNCG is piloting the use of adaptive learning technology with Open Education Resources, Canvas and Smart Sparrow. Now we must find ways to make adaptive learning possible for more faculty teaching a variety of courses without being overwhelmed by the technology and time commitment.

Brown, Amy — University of North Carolina at Greensboro

Brooks, DeAnne — University of North Carolina at Greensboro

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 4
Session Topic: Higher Education - Workshop **Session Chair:** Smith, Stella

Square Pegs and Round Holes: Alternative Approaches to College Student Development Theory

The purpose of this session is to provide alternative approaches and frameworks for those responsible for administering college student affairs preparation programs. Topics for discussion: History and Origins of the college student development movement, traditional theoretical models, incongruence between traditional models and diverse student populations, and application of alternative college student development theories in working with diverse student populations.

Smith, Stella — Prairie View A&M University

Bonner II, Fred — Prairie View A&M University

Marbley, Aretha — Texas Tech University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Yasuda, Raymond

Mobile Messaging – A Medium for Meaningful Out-of-class Student Interaction?

This case study analyzed interactions within an online group created by students using a popular instant mobile messaging application to determine its effectiveness in supporting university coursework. All online student-to-student online interactions over the course of a semester at a Japanese university were coded and analyzed to identify the specific academic topics discussed. Findings will provide evidence of how mobile messaging technology can be used to support learning within the framework of a university course.

Yasuda, Raymond — Soka University

Student Views of Blended vs. Traditional Course Structures

Hybrid or blended learning has gained advocates because it increases student learning, reduces attrition, and contains costs in an era of rising tuition. This presentation reviews the literature on hybrid or blended learning then describes the method used in determining the satisfaction of students who were enrolled in separate sections of an introductory education course, one taught face-to-face and one blended, over four terms. They then analyze the data findings with recommendations for further research.

Aleccia, Vince — Eastern Washington University

Haskins, Tara — Eastern Washington University

Student Support (Re)defined: What African-American and Latinx Students Say About The Support They Need to Succeed and How We Can All Support Student Success

Student Support (Re)defined asked almost 900 students from across California what has helped them be successful, with a particular focus on African-American and Latinx learners. This session will focus on practical applications for the “six success factors” framework and suggestions for how faculty, staff, and administrators can support student achievement. Attendees will be invited to share how they support student success and explore new methods to utilize the six success factors in their own work.

Cooper, Darla — The Research & Planning Group for California Community Colleges

Trimble, Brad — The Research & Planning Group for California Community Colleges

Teaching Tourism – Critical Reflections on the ‘Culture of Sustainability’ and the ‘Sustainability of Culture’

This paper calls into question an apparent tendency in higher education tourism courses to privilege critiques of economic and environmental indicators over issues of cultural representation and social justice. The paper argues that there is a need to place ‘culture’ at the core of tourism studies. It does so by exploring how advances to the global tourism industry have impacted on local cultures, livelihoods and eco-systems.

Burke, Adam — Hawaii Pacific University

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 2
Session Topic: Student Affairs - Workshop **Session Chair:** Dunn, Shernette

Motivating the Digital Natives by Providing Meta-Cognitive Strategies and Communicating Using Their “Native” Language

This presentation will focus on the lack of motivation among some students in higher education, the educators’ perception of these students, and the impact motivation has on student attrition rates. The presenter will provide research based strategies and resources that can be easily replicated in any discipline to increase student motivation and success in college. These strategies will also aid in increasing retention rates for students from a variety of backgrounds.

Dunn, Shernette — United States Air Force Academy Preparatory School

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Smith, Kentina

Threats to Inclusion in Classrooms

This session will focus on the importance of cultural awareness and understanding the implicit and explicit threats to inclusion in the classroom. Threats to explore are stereotype threat, microaggressions, implicit bias, and the fundamental attribution error.

Smith, Kentina — Anne Arundel Community College

Time: 1:15 - 2:45 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Kraemer, Sara

The Classroom Academy: Reimagining P-20 Partnerships

Collaborative education partnerships are complex, requiring stakeholders’ relationship commitment, open communication, and shared decision making. In this workshop, participants learn about an innovative higher education and P-12 collaboration, the Classroom Academy, to clarify their understanding of education partnership types; assess current or past partnership levels of collaboration; identify the necessary conditions to build a collaborative partnership, and develop an action plan to address gaps in their current partnership work or initiate a new collaborative partnership.

Kraemer, Sara — Blueprint for Education

McDonald, Colleen — TEACHMEducation Services

Danna, Stephen — SUNY Plattsburgh

Poster Session

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Coral III

Development of a Causal Model Focused on Assertiveness, Stress Coping and Workplace Environment as Factors Affecting Burnout Among Novice Nurses

This study aimed to develop a Causal Model focused on assertiveness, stress coping, and workplace environment as factors affecting burnout among novice nurses. Assertiveness training for novice nurses and instruction in stress coping may be able to prevent burnout.

Suzuki, Eiko — International University of Health and Welfare

Asakura, Chihiro — Yokohama Practice Vocational School

Shiomi, Naoko — Saitama Medical University

Matsuya, Hiroko — National Center for Child Health and Development

Setoguchi, Hitomi — Saitama Prefectural University

Diversity Infusion in the Elementary Education Methods Courses

This poster presentation shares a project implemented across two Elementary Education methods courses at Elon University. This project provided candidates with specifically designed and scaffolded experiences to work towards cultural competence across disciplines. Our goal was for candidates to examine the cultural backpack their students they bring into their classrooms and plan learning experiences appealing to students' assets. Candidates recognized the need to approach each day with students through an equity stance.

Winter, Marna — Elon University

Hone, Erin — Elon University

Inter-CALL: VLOGs for Intercultural Exchange in a Japanology Course

Students often comment that one of the main reasons they come to this university in Tokyo is because of its global status and the opportunity to interact with international peers. For teachers, finding ways to fulfill this expectation and integrate it into our basic academic communication classes can take some creativity. For this Japanese Culture through Film course, the instructor used VLOGs to collaborate with a Japanese teacher in Ohio and her class.

Obara, Diane — Rikkyo University

The Impact of Increased Physical Activity Opportunities on Overall Academic Achievement: An Analysis of the Top Elementary Schools in the United States

The purpose of this study is to examine data from the top elementary schools in academic achievement throughout the United States, and determine what is similar or different regarding physical activity, physical education, physical fitness, socioeconomic status, diversity and access to physical education specialists in these top schools when compared with the national average schools.

Valdez, Lindy — California State University, Sacramento

Parker, Daryl — California State University, Sacramento

Lenz, Stephen — California State University, Sacramento

Reaching All Learners in STEM: Promising Practices for Underrepresented Students in STEM

This poster will showcase two projects, Ka Pilina No'eau and Project BEAM (BE A Mathematician), which aim enhance math and science educational services and improve the math and science outcomes of Native Hawaiian children and youth through the implementation of hands-on and culturally relevant activities.

Takahashi, Kiriko — University of Hawai'i at Mānoa & The University of Tokyo

Park, Hye-Jin — University of Hawai'i at Mānoa

Feliciano, Jerrik — University of Hawai'i at Mānoa

Wee, Samantha — University of Hawai'i at Mānoa

Kitami, Yoko — University of Hawai'i at Mānoa

Nip, Kendra — University of Hawai'i at Mānoa

Guillen, Alejandro — University of Hawai'i at Mānoa

Malmud, Max Kekai'oli — University of Hawai'i at Mānoa

Dabrowski, Megan — University of Hawai'i at Mānoa

Chin, Viki — University of Hawai'i at Mānoa

The Trends of Nurse Burnout Research on Education in Japan. Focus on the Association with Professional Identity.

This study aims to clarify the trend of nurse burnout research in Japan, focusing on the relationship with professional identity. As a result of literature review, few saw the relation between burnout and professional identity. There are many studies targeting nurses in special departments at home and abroad, and the significance of research as a profession is great. In addition, in Japanese nurses who respond to advanced medical care from the time of new graduates, clarifying the establishment time of professional identity is a measure to prevent burnout.

Shiomi, Naoko — Saitama Medical University

Suzuki, Eiko — International University of Health and Welfare

Asakura, Chihiro — Yokohama Practice Vocational School

Matsuya, Hiroko — National Center for Child Health and Development

Setoguchi, Hitomi — Saitama Prefectural University

Addressing the Needs of Minority Students: Integrating Group Experimental Design into a Biology Course

This project integrated inclusive teaching and learning to address the needs of all students. In order to fully engage Hispanic students in the teaching/learning process, an experimental design project was incorporated into a human physiology laboratory to involve, motivate and realize that individual uniqueness must be recognized to foster the development of the students' full potential. This project relied on the ability of the students to design, collect, analyze, and interpret the data.

Weiss, Sandra — Neumann University

High Academic Standard Enhances Undergraduate Marketability for Employment

Use of Grade Point Averages (GPA's) appears to have fallen in status from university metrics of student success. However, we demonstrate that natural resources organizations value GPA's as a measurement of potential employee performance. We tracked 312 newly graduated students from the Rangeland and Wildlife Sciences program at Texas A&M University-Kingsville and found that GPA's above 3.0 were needed to be considered marketable for employment within most of the professional outlets.

Henke, Scott — Texas A&M University-Kingsville

Fedynich, Alan — Texas A&M University-Kingsville

Fedynich, LaVonne — Texas A&M University-Kingsville

Structural and Earthquake Engineering Research and Education Development at San Francisco State University

This paper describes active structural and earthquake engineering research and newly developed education curriculum for undergraduate and graduate programs at the Civil engineering program of San Francisco State University. Civil Engineering is an ABET accredited engineering program and it aims to increase underrepresented students, such as female or Hispanic or first-time college students, participation in Civil Engineering. Its active research and educational development and its effective outreach and career development have played an important role in the success of Civil Engineering at SFSU.

Cheng, Chen — San Francisco State University

Jiang, Zhaoshuo — San Francisco State University

Pong, Wenshen — San Francisco State University

Wong, Jenna — San Francisco State University

The Grand Question: Do Entrance Examinations Determine Graduate Student Academic Success?

This presentation addresses accuracy of nationally normed entrance examinations such as the Millers Analogy Test and the Graduate Record Examination at predicting graduate student academic success in Master and Doctoral programs. The general consensus from the research conducted was dependence on these examination scores needs to be reduced as a predictor of graduate student academic success.

Fedynich, LaVonne — Texas A&M University-Kingsville

I Did a Diversity Audit and Why You Should, Too

A diverse print collection allows patrons to encounter books as windows, mirrors, and sliding glass doors, as Rudine Sims Bishop (Bishop, 1990) described. I embarked on a diversity audit of the picture book collection to accurately gauge the collection's representation and was shocked at what I learned. This poster will explain why I began this project, the process I used, what I discovered, and how I am using that information to improve the library's collection.

Bryan, Allison — Elon University

A Qualitative Case Study of an Accommodation for Learning Disabled Students

The purpose of this qualitative case study using grounded theory analysis was to explore the administration and implementation of shortened assignments and to describe the perceptions of co-teachers and parents of how shortened assignments benefit or hinder learning for these students within a co-teaching context at an urban middle school. Shortened assignments, when applied appropriately by general and special education teachers, can help learning disabled students.

Gutierrez, Yxstian — National University

An Attempt for Developing Global Competence: A Program to Improve L2 Writing Skills and Confidence in a Japanese Women's Junior College

A program was conducted in a mandatory first-year EFL course for 226 students in a junior college Tokyo, twice a week in the spring semester 2019 in both the NT and NNT classes, for the purpose of improving English writing skills and confidence to send messages via SNS to students from difference cultures in the fall semester. The results of the term-end questionnaires about activities chosen by the students as most effective will be presented.

Mita, Kaoru — Jissen Women's Junior College

A Trial of Service Learning in Basic Nursing Education

We conducted activities aimed to contribute to the community using the learning earned through service learning in the nursing training. Students have learned the importance of collaborating with the local community as nursing staff and citizens involved in human services by utilizing the knowledge and skills learned through their specialized education applied in actual social activities.

Inaba, Fumiko — International University of Health and Welfare

Sera, Yoshiko — International University of Health and Welfare

Wakazawa, Yayoi — International University of Health and Welfare

The Trends in Turnover of Nurses at Pediatric Hospitals in Japan

This study aims to clarify the trend of nurse turnover at pediatric hospitals in Japan. As a result of literature review, few studies have clarified these relationships in Japan and overseas. This study can be used to educate nurses in pediatric hospitals.

Matsuya, Hiroko — National Center for Child Health and Development

Suzuki, Eiko — International University of Health and Welfare

Matsuya, Narumi — Japan University of Health Sciences

Asakura, Chihiro — Yokohama Practice Vocational School

Shiomi, Naoko — Saitama Medical University

Setoguchi, Hitomi — Saitama Prefectural University

A Study of Informational Morals: Using an Artificial Intelligence Emotion-Recognition System to Evaluate Elementary School Students' Written Expression on Social Networking Services

The purpose of this study was to clarify the effects of an informational/moral lesson designed for use with elementary school students. Students evaluated social networking service (SNS) sentences using an artificial intelligence (AI) system which assessed varying degrees of five emotions. After the lesson, we found that they had learned to type messages which elicited positive emotions from their friends.

Kitazawa, Takeshi — Tokyo Gakugei University

Kano, Ryoki — Tokyo Gakugei University

Watanabe, Takeshi — Tokyo Gakugei University

Takeuchi, Toshihiko — Surugadai University

Kojima, Takayoshi — Tatsunuma Elementary School

Create a Training Plan to Succession on Highly Skilled Skills Using Portfolio Optimization

In the manufacturing industry, highly skilled skills are recognized as one of the company's strengths. So, how to inherit highly skilled skills is one of the most important issues. We propose to formulate a training plan using portfolio optimization. We adopted the LPM(Lower Partial Moment) and CVaR(Conditional Value at Risk) models. By using those models, it is possible to objectively evaluate the succession of highly-skilled skills, and to create an efficient training plan.

Yamashita, Ryusei — Polytechnic University of Japan

Kikuchi, Takuo — Polytechnic University of Japan

Effects of Debate-Based Ethics Education on the Moral Sensitivity and Moral Judgement of Nursing Students: A Quasi-Experimental Study

This quasi-experimental study evaluated the effect of debate-based ethics education on the moral sensitivity and moral judgment of senior-year nursing students. The results revealed that the debate-based education program that took place over eight weeks was effective in enhancing nursing students' moral judgment but did not have any significant effect on their moral sensitivity.

Kim, Wol-Ju — Kookje University

Park, Jin-Hee — Ajou University

Forming and Establishing Identity through Social Stories

This study investigated the use of social stories as a means of teaching social skills to individuals with autism spectrum disorder (ASD). Social stories describe a situation, concept, or a social skill and convert them into small tasks or manageable steps for the person, specifically children. Results indicated that social stories assisted children with ASD in reframing social interactions from negative to positive encounters, and learning self-care and acquiring additional social skills.

Gentry, Reginald — University of Fukui

Teacher Engagement with Parent Communication Tools

The use of technology tools to communicate with parents has become more widespread influencing how teachers share information. Our research examined teachers' perceptions and practice in using parent communication tools. Our results indicate higher levels of parent participation and relationship with parents.

Nadelson, Louis — University of Central Arkansas

Gill, Konley — University of Central Arkansas

Newman, Taylor — University of Central Arkansas

Kilbreath, Lacie — University of Central Arkansas

McDaniel, Olivia — University of Central Arkansas

Neal, Brooke — University of Central Arkansas

Effect of Pronunciation Training and Listening Ability Measured by TOEIC Scores

It is almost intuitive that listening and pronunciation are related. However, pronunciation training seems to be orbiting around the other major skill areas in foreign language education. This study examined the effect of pronunciation training on students' listening ability. TOEIC listening scores of students who took a pronunciation training class for one-semester or two-semesters were compared with students who did not take any pronunciation training. The treatment group did better, but not statistically significant.

Desrosiers, Lori Ann — Kyoai Gakuen University

Discovery, Diversity, Distinction: Using a Pro-Bono Community Based Fall Prevention Clinic to teach Service-Learning through Interprofessional Education (IPE)

Both Service-Learning and Interprofessional Education provide innovative learning experiences for students to enhance instructional design. California State University, Fresno uses both instructional methods in many courses to actively engage professional Doctor of Physical Therapy students, simulate real-world patient scenarios and promote civic engagement. This poster demonstrates the creation of one project which has elements of both service-learning and IPE woven which was then woven into curriculum to ensure all students are exposed.

Zarrinkhameh, Leslie — California State University, Fresno

Adame-Walker, Jennifer — California State University, Fresno

Roos, Jennifer — California State University, Fresno

Trueblood, Peggy — Pacific Northwest University of Health Sciences

The Challenges Teachers Face Effectively Implementing Science, Technology, Engineering, and Mathematics (STEM) Curricula: An Evaluation Study

The purpose of this evaluation study was to understand the challenges teachers face effectively implementing STEM curricula at Eastfield STEM Academy. The qualitative methods used were observations, document analysis, and interviews to examine the teachers' knowledge, skills and motivation for effectively implementing the STEM curricula. The findings showed that teachers understood and effectively implemented the STEM curricula, know the strategies for implementation, understood the challenges for effective implementation, and were motivated by the outcomes.

Austin, Sandra Johnson — Charis Consulting Group LLC

What Does It Mean to Be Interdisciplinary in Developmental Science Graduate Study?

The purpose of this study was to examine current graduate students' perspectives regarding what it means to be interdisciplinary in Developmental Science, according to their programs and themselves. We found that students typically defined interdisciplinary as involving multiple fields, content, or perspectives. Students often reported that they did not know how their programs defined interdisciplinary, or that they defined them similarly.

Salafia, Elizabeth H. Blodgett — North Dakota State University

Johnson, Emma — North Dakota State University

Open Innovation Triggered by the Intergenerational Online Communication Program between College Students and Elderly People

For the purpose of facing a super-ageing society and declining birthrate in Japan, the "Intergenerational Online Communication Program (IOCP)" has been being developed: 1) set a 20-minute online meeting between elderly people and students, 2) after joining meetings, students ask specialists online about issues the elderly may have, 3) the online meetings are recorded and uploaded onto a database which can be accessed by a consortium of colleges to be used for active learning.

Mita, Kaoru — Jissen Women's Junior College

Shirao, Mika — Jissen Women's Junior College

Otsuka, Misa — Jissen Women's Junior College

Shimazaki, Akane — Jissen Women's Junior College

Matsuo, Shoji — Jissen Women's Junior College

Strategies for Improving Reading Comprehension in Students with Autism

Research shows students with autism spectrum disorders (ASD) struggle with reading comprehension tasks compared to typical peers. This poster details evidence-based reading comprehension strategies effective for students with ASD.

Smith-Menzies, Lucia — Alvord Unified School District

Enhancing the Quality of EdD Programs: A Proposal to Incorporate Program Evaluation Best Practices

This presentation will examine the integration of evaluation best practices with the design concepts for developing EdD programs affiliated with the Carnegie Project on the Education Doctorate Initiative. The authors contend that "The American Evaluation Association Guiding Principles" (2018) and "The Joint Committee Program Evaluation Standards" (2011) offer a set of best practices to enhance EdD program design and support learner outcomes. Examples of incorporating best practices into a revised EdD program will be discussed.

Schrader, Linda — Florida State University

Valentin, Reda — Florida State University

Putting the "I" in IEP: Maximizing PLAAFPs

This poster will present a paper on how to maximize the individualization of an IEP by writing quality PLAAFPs. Participants will learn about the types of questions that specific types of assessment tools appropriately answer, guidelines for the use of common assessment tools for the purpose of writing PLAAFPs, appropriate and inappropriate score interpretation for percentages, benchmark scores, percentiles, standard scores, and age/grade equivalents, and provide a structure for well-written PLAAFPs.

Waldron-Soler, Kathleen — Eastern Washington University

Promoting Emotional Literacy Through Storytelling Activities

The research goals were: To assess early childhood educators' (ECE) emotional vocabulary during a storytelling activity and to determine to what extent ECEs' literacy scores are related to the quality of teacher-child interactions. Participants (N=59) completed a storytelling task (text-free picture book). The quality of teacher-child interactions was assessed through observation measures. Results indicate that ECE's emotional literacy measures show a wide variability. The most frequent function of emotion words was commenting.

Coutu, Sylvain — Université du Québec en Outaouais

Robert-Mazaye, Christelle — Université du Québec en Outaouais

Dubeau, Diane — Université du Québec en Outaouais

Bérubé, Annie — Université du Québec en Outaouais

Bouchard, Caroline — Université Laval

Supporting Teachers through Professional Learning Networks

Professional development (PD) in the English language educational field has traditionally been delivered through face-to-face workshops, seminars, conferences, and pre-packaged training courses. However, this type of PD approach is often irrelevant to what goes on inside a classroom (Lieberman & Pointer-Mace, 2010). This paper outlines a nascent research project which aims to provide meaningful pedagogical support to Japanese English teachers by establishing a virtual community of practice or Professional Learning Network (PLN) that is customized to their specific needs.

Cripps, Anthony — Nanzan University

Sakamoto, Fern — Nanzan University

Toland, Sean — Nanzan University

Development of Fundamental Teaching Materials for Creating a Bill of Materials

In recent years, the construction work of a Bill of Materials (BOM) has become complicated with the increase of product specifications. This study develops teaching materials for creating a bill of materials.

Yokoyama, Masahiro — Polytechnic University of Japan

Hirano, Kenji — Polytechnic University of Japan

Does the Quality of Instruction Matter to College Students?

The goal of this research project is to determine whether students' perception of the quality of first year courses has any impact on retention in the University Honors Program at North Dakota State University. In particular, the research uses student rating of instructor results to test the relationship between quality of instruction and persistence in the honors program.

Salafia, Matthew — North Dakota State University

Mechanically Visualizing the Interest State of Children using AI

It is important to know the child's interest for assessing the child's growth stage. We could estimate the child's interest with an accuracy of 70% when given the body position and direction relative to an interest target. In this paper, we propose a method to automatically extracting the position and direction of children using AI image recognition algorithm.

Miyata, Masahiro — Tamagawa University
Yamada, Tetsuji — Tamagawa University
Asari, Yukimi — Tamagawa University
Aoyagi, Ryo — Tamagawa University
Omori, Takashi — Tamagawa University

Visualization of Child's "Mind Growth" from Educational Images : Interest Estimation Using Position / Direction Information

This study discusses a method for extracting children's behavioral information from educational images and estimating "interest". We recorded preschool education scenes and annotated the position / direction of children and position of interest. The analysis results suggested a relationship between the behavioral characteristics "position / direction" of 18 children and their interest states. A possibility of developing a new system for estimating children's interest from video will be discussed.

Yamada, Tetsuji — Tamagawa University
Miyata, Masahiro — Tamagawa University
Asari, Yukimi — Tamagawa University
Aoyagi, Ryo — Tamagawa University
Omori, Takashi — Tamagawa University

Preliminary Survey for a Scale Measuring Oriai (identity adaptation) with Illness in People with Schizophrenia: Toward Educational Intervention

People with schizophrenia must come to terms with their illness if they are to live authentic lives in the community. To assist this goal, a draft version of a scale that measures oriai was developed. The survey results were analyzed to determine the scale's internal validity, and then the scale's items were refined. The study results yielded insights about educational intervention.

Setoguchi, Hitomi — Saitama Prefectural University
Suzuki, Eiko — International University of Health and Welfare
Asakura, Chihiro — Yokohama Practice Vocational School
Shiomi, Naoko — Saitama Medical University
Matsuya, Hiroko — National Center for Child Health and Development

Initiatives and Achievement of the Program for Freshmen on a High-Rise Building Campus

The main purpose of this study is to examine the effects of a freshman orientation event program for women's university students. A questionnaire survey was conducted at the end of the program. It was found that the program goal was achieved.

Kimura, Fumika — Tokyo Kasei Gakuin University

Portrayal of Disability and Race in Children's Literature

Instructional materials that are not inclusive of all students continue to perpetuate a cycle of discrimination and isolation that students are continuing to feel and then act upon. While there are protections for students with disabilities, such as Section 504 of the Rehabilitation Act prohibits harassment and discriminatory behavior on the basis of disability, but these laws on paper will not be the change for the biases that children are viewing every day at the hands of their peers, teachers, and instructional materials.

McCabe, Hailey — Central Washington University

How can First-year University Students Measure their computer Operational skills?

We developed a checklist for first-year university students to self-evaluate their computer operational skills. We conducted the survey using the checklist at several universities. From the results, students self-evaluated that they are able to use more computer operational skills than they did at the beginning of the year.

Kaneko, Daisuke — Hokusei Gakuen University
Ishida, Yukiya — Chitose Institute of Science and Technology
Omata, Masaki — University of Yamanashi
Yoshikawa, Masanobu — University of Yamanashi
Koga, Takaaki — Saga University

Development and Application of a Rubric as an Effective Self-assessment Tool: Design by Subject Characteristics

This paper describes our ongoing project-based research on self-assessment in university education. We investigate rubrics for each subject and for extracurricular engagements, such as volunteer activity. Based on this research, we posed the following questions: (1) What can subject-based rubrics clarify?

(2) What can subject-based rubrics not clarify? What type of improvement is required to overcome this disadvantage? We suggest that well-designed rubrics can result in additional findings.

Shirao, Mika — Jissen Women's University
Mita, Kaoru — Jissen Women's Junior College
Otsuka, Misa — Jissen Women's Junior College
Fukazawa, Akihisa — Jissen Women's University
Matsushima, Teruhiko — Jissen Women's University
Seida, Natsuyo — Jissen Women's University

Temperament as a Predictor of Peer Interactions: A Mixed Methods Approach

This mixed-methods study explores the relationship between temperamental traits and peer interaction in a sample of 106 Head Start children and tests the efficacy of a new qualitative observation tool to measure peer interactions. Findings suggest that temperament can predict peer interaction and popularity. The addition of the qualitative tool lends additional depth to the data acquired through existing paper-and-pencil measures. The use of multiple methods of collecting data from different sources, and the mixed-methods design offer intriguing insights into the relationship between temperament and peer interactions.

Banerjee, Sanchari — University of Illinois, Urbana-Champaign

Bub, Kristen — University of Georgia

They Want Our Stuff, But they Don't Want Us: Insights of an Aboriginal Hawaiian Faculty Member on Negotiating and Engaging with the University of Hawai'i amidst its Destruction of Mauna a Wakea

Mauna a Wakea is a sacred place for aboriginal Hawaiians. An overview of the events surrounding efforts to build the Thirty Meter Telescope (TMT) on Mauna a Wakea, the University of Hawai'i's central role in the building of the TMT, a history of opposition to the desecration of Mauna a Wakea, and a call to action amongst protectors of Mauna a Wakea to huli kua with Kapu Aloha (peaceful direct action) in various education contexts will be discussed.

Cashman, Kimo Alexander — University of Hawai'i at Mānoa

Creating a Flourishing Environment for Students with ADHD Through Universal Design for Learning (UDL)

This presentation will address effective classroom intervention strategies for students experiencing symptoms of ADHD, regardless of the severity and whether the student has a diagnosis of ADHD. These suggestions incorporate the Universal Design for Learning (UDL) framework. This framework does not limit interventions to specific learners or learning disabilities but provides a set of principles for curriculum development that gives all individuals equal opportunities to learn.

Zelenka, Valerie — Fort Hays State University

Walizer, Beth — Fort Hays State University

Tackling Literacy: University Football Players and Migrant Children

Due to budget cuts and the cancellation of summer school for K-12 students, we decided to offer our after-school literacy tutoring program during the summer. We enlisted the help of the university football players to engage economically disadvantaged elementary students in leading discussions and reading books about social justice. The goal of this project was to help develop critical thinking, collaboration and self-reflection skills necessary to foster a better society.

Walizer, Beth — Fort Hays State University

Zelenka, Valerie — Fort Hays State University

The Effective Self-Studying Method to Acquire Expressiveness in Speaking

We have designed a speaking training program to have learners acquire expressiveness by shadowing a model speech of a native speaker of English. A pilot study with four ESL university students has been conducted, and the acoustic analysis has shown that the proposed method was effective. The same program will be conducted with a larger volume of about 20 university students in the fall. This presentation will report on the procedure and analysis.

Ishii, Akemi — Shibaura Institute of Technology

Yamashita, Yuko — Shibaura Institute of Technology

Why Do They Stay? What Factors Contribute to Teachers' Decision to Remain in the Profession: A Case Study

In this presentation, the presenter will focus on pre-service and in-service strategies utilized to increase teacher retention while also looking at the relationship teacher education has on the attrition rate of novice teachers. Additionally, the presenter will discuss mentoring programs and the impact such programs have on the efficacy of novice teachers who do not participate in them.

Johnson, Jesseca Lynette — Alabama State University

The Evolution of "Quality" in Education Research: Perspectives Over Time

This poster presentation will present how perspectives and evaluation of "quality" in education research have evolved over the last half century. From the Trinitarian Model of 1966 to the Unitary Concept of 2014, significant changes have occurred in the recommendations of the AERA, APA and NCME.

Williams, Lorne — University of Lethbridge

Characteristics of Universities That Are Well Aware of the Effects of Introducing ICT in Education

Based on the inventory surveys conducted in FY 2017 of ICT Usage Education of all higher education institutions in Japan, we focused on "the effects of ICT introducing ICT in education" item and executed an exploratory factor analysis of the sub items. As a result, we could find 4 factors. Subsequently, we analyzed the characteristics of institutions that recognized each effect based on the results.

Tsuji, Yasuhiko — The Open University of Japan

Inaba, Rieko — Tsuda University

Sakai, Hiroyuki — Kyoto University

Hiraoka, Naishi — Kumamoto University

Shigeta, Katsuke — Hokkaido University

Ohana: An Analysis of Family Structure in Popular Instructional Materials

By ignoring different family structures, we are restricting learners to believe there is only one family structure that is important. The five movies and five books that I chose to analyze are good representations of varying family structures that are popular but often times not valued for the message sent to these children. In order to challenge the family structure bias, we give students the opportunity to see themselves represented within their education and society.

Ruiz, Areli — Central Washington University

The Cohort Effect: How Grouping Students Facilitates Learning

Mindfully formed cohorts can facilitate student success towards completing the doctoral dissertation. This qualitative case study of two organizational leadership doctoral program cohorts explores the nature, formation, function, and challenges of the cohort. Survey, interview, and focus group data capture participants' experiences, and analysis reveals implications for practice and future research, particularly for those who work with doctoral students.

Cuddapah, Jennifer — Hood College

Teaching Dynamic Systems with Microcontroller & Simulink

An active learning approach by integrating MATLAB and Simulink in lectures and micro controller and Simulink based experiments in the labs with the aim to improve student understanding of the theory and exposing them to some practical considerations related to system modeling and simulation.

Ali, Arjumand — Grand Valley State University

The Effect of Brief Mindfulness Induction on Memory Bias to Affective Stimuli

The objective of this study was to investigate the effect of brief mindfulness induction on memory bias to affective stimuli. In order to verify this, the study was conducted using pictorial-stimuli learning and recognition task. These results suggest that brief mindfulness induction enhances memory for positive stimuli, while reducing innate memory bias for negative stimuli, and that mindfulness training can improve mental health.

Yoon, Seok-In — Ajou University

Sim, Kyo-Lin — Ajou University

Gim, Wan-Suk — Ajou University

Teachers' Perception of Children's Literature Influencing the Portrayal of Gender Norms in the Classroom

This research focuses on how teachers believe children's literature can impact the presence of gender norms in K-6 classrooms. Based on the importance of a teacher's role in a student's education, this research aims to evaluate how teachers' perception of children's literature may influence their pedagogical decisions about gender norms in the classroom. This study uses a qualitative approach to gain insight on the perspective of teachers and what they believe to be factors that influence their choice of books.

Kaur, Harbani — University of Toronto

Examination of Skills and Technique Visualization System Using Big Data Analysis for Vocational Skills Development

Visualization of skills using ICT and advancement of skills are urgently needed at manufacturing sites in Japan. This study examines the visualization system of skills using big data analysis at sites of vocational ability development. As describe this poster, we explain the construction of the analytical environment using the operation history in programming practice as the first stage.

Endo, Masaki — Polytechnic University of Japan

Hirota, Masaharu — Okayama University of Science

Imamura, Makoto — Tokai University

Ishikawa, Hiroshi — Tokyo Metropolitan University

Why Do Young People Choose to Be Teachers in China? A Study Based on the Interviews with 26 Young Teachers of Primary and Secondary Schools.

As a professional position, teachers have different appeals to young people looking for work in different cultures and regions. This study shows the reasons why Chinese young people choose teachers as occupations: (1) the relative stability of work (2) the sense of accomplishment of work (2) the influence of traditional culture.

Wang, Zhichao — Northeast Normal University

Liu, Haibin — Northeast Normal University

A Construction of Learning System based on SNS

We aim to provide a learning environment on SNS, and as one of them, we developed a system that can provide simple quizzes. The system currently provides quizzes of basic English words and medical English terms. We can extend the system easily, and now preparing to provide quizzes for various fields.

Inoue, Hitoshi — Gunma University

Date, Takuji — College of Healthcare Management

Goto, Hiroshi — College of Healthcare Management

Toyono, Yuki — CHIeru Co., Ltd.

Kitagawa, Noriko — EduPlay Co.,Ltd.

Nakano, Yoshiaki — Kobe Municipal High School of Science and Technology

Patients Leaving Against Medical Advice: Who is Responsible for Future Care?

Patients who leave the hospital against medical advice (AMA) is a growing problem nationally. Premature departures put a staffing, resource and financial strain on the hospital. The purpose of this study was to assess whether a hospital should have the right to refuse care within 30 days to patients that left the hospital AMA. The investigation followed the qualitative Interpretative Phenomenological Analysis (IPA) approach. This study will provide attendees with an overview of hospitalist's perception of this growing problem.

Judge, Amy — IU Health Ball Memorial Hospital

Judge, Lawrence — Ball State University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education **Session Chair:** Simpson, Amari

Black Roots Mobile Based App: Black Permanence and Building Social Capital

Black Roots™ is a mobile application created to provide Black people the agency and capacity to develop their family trees. To explore the impact of this mobile application on Black students and their social capital, we provide a rationale for a case study design. Before performing our study, we actively seek other educators' thoughts and feedback on the mobile app and the study design.

Simpson, Amari — University of Illinois, Urbana-Champaign

Brooks, K. Milam — University of Illinois Chicago

Design Sprint as a Method for Project Based Learning

This paper shows a case study using Design Sprint as a method of a project based learning. Design Sprint (a kind of design thinking) is a method that makes ideas of individuals important in addition to human centered, emphasis on collaboration, prototyping and experiment. In this course, students learn information architecture and web service development with creating persona, usecase and a prototype of smartphone app.

Takeda, Toshiyuki — Kwansei Gakuin University

Exploring Global Teaching and Learning Competencies in Teacher Education Curriculum

Research in this paper emerged from a Title VI grant that explored intersectionality between pedagogy, teacher education curriculum and educational policy in global contexts to improve student learning by introducing teacher participants to using technology to advance intercultural and language pedagogical strategies. Researcher will share strategies to bridge the gap between teachers' language competences, content and pedagogical practices to help diverse language learners construct knowledge in the context of various subjects in learning environments.

Pittman, Joyce — Drexel University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Cleveland, Roger

Equity and Culture Audits a Viable Approach for School Improvement

This workshop will examine the importance of Education Equity and School Culture in the school improvement process. The presenter will introduce a theory to practice audit process that can assist schools and districts in developing a baseline on school culture and education equity. This session will allow participants to engage in an abbreviated equity and culture assessment.

Cleveland, Roger — Kentucky State University

Yates III, Lucian — Kentucky State University

Emanuel, Stashia — Kentucky State University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Kahili 1
Session Topic: Education Policy and Leadership **Session Chair:** Torres, Chris

Compliance or Coherence? Qualitative Case Studies of Michigan Districts Engaged in School Turnaround

This paper draws on crafting coherence theory to understand how superintendents, districts, and schools engaged in school turnaround during the first year of Michigan's state level turnaround model, termed "partnership reform." Analyzing superintendent interviews with the majority of Michigan's turnaround districts and three comparative deep-dive case studies of Michigan schools and districts engaged in turnaround, we found that the majority of districts "symbolically adopted" the demands of the reform while others engaged in meaningful change.

Torres, Chris — Michigan State University

Jurisprudential Analysis of Personal Dignity Protection in Bullying Incidents of Primary and Secondary School Students

Primary and secondary school students are a special group of human rights protection. Protecting their personal dignity from infringement is the premise of protecting their basic human rights, such as their right to survival and development. However, the solution of these problems is more complicated because of the particularity of the physical and mental development of primary and secondary school students.

Yang, Yingxiu — Northeast Normal University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Kahili 2

Session Topic: STEM Education **Session Chair:** Tzur, Ron

Multiplication $\neq$ Repeated Addition; Fraction $\neq$ Part-of-Whole: Math Culprits Teachers Should Reconceptualize

Around the world, multiplication is typically taught as repeated addition and fraction as part-of-whole. I compile findings from previous work to discuss inadequacies of these concepts. Then, I propose alternative conceptualizations, rooted in a constructivist stance on multiplicative operations and fractions as measures (multiplicative relations) needed to improve teachers' mathematical knowledge for teaching (MKT).

Tzur, Ron — University of Colorado, Denver

Space Science Summer Camps: Innovative Technologies for STEM Enrichment

This paper focuses on activities designed to promote student acquisition of content knowledge and interest in space science. Analysis of the measured impact of summer camp activities during 2019 indicates that both elementary and middle school students exhibited gains in content knowledge, while results regarding changes in long term dispositions were mixed. Activities included augmented reality (AR), virtual reality (VR), 3D printing, drones, and robotics.

Knezek, Gerald — University of North Texas

Christensen, Rhonda — University of North Texas

Development of a Two Degree of Freedom Lab Experiment

This paper describes the development of a new lab to help students visualizing the 2 Degree of Freedom (DOF) spring mass system. The lab introduces experimental methods to explore a 2 DOF system free vibration and observe the behavior of each mass under different initial conditions. Detailed process of design, simulation, and experiment are presented. Overall, this lab experiment helps in bridging the gap between the theory and experimental work.

Ma, Gloria — Wentworth Institute of Technology

Dasgupta, Siben — Wentworth Institute of Technology

How Can We Make Smart Vehicles Safer?: A Project To Improve Mathematics And Career-Technology Education

This presentation will summarize the design and implementation of a program created to improve mathematics and career-technology education by utilizing a project-based learning approach around the topic of self-driving vehicles (smart vehicles). Specific focus will be on sharing the design of the teacher professional development and the project's progress to date.

Czerniak, Charlene — University of Toledo

Ponnaiyan, Thehazhnan — University of Toledo

Oluoch, Jared — University of Toledo

Javaid, Ahmad — University of Toledo

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Nautilus 1

Session Topic: Indigenous Education **Session Chair:** Moller, Sharon

Innovating Teacher Practices to Support Students Leading the Revitalisation of Te Reo Maaori Rich Learning Environments

Our vision is for Te Reo Maaori to flourish as the native and official language of New Zealand. Our innovation project focuses on the development and refinements of specific teacher practices to support aakonga (students) taking the lead in teaching Te Reo. The paper presented outlines the results of the first inquiry cycle and includes changes in Te Reo fluency, teacher self-assessment of the practices and current localised descriptors of the seven practices.

Moller, Sharon — Huntly College

Subritzky-Pohatu, Kandy — Huntly College

Indigenizing Curriculum in the Child and Youth Care Counselling (CYCC) program at MRU

This session will focus on the process of Indigenizing the curriculum within the CYCC program at MRU. Key findings will be discussed, including information gathered from students and faculty, insights gained from Indigenous Elders and Knowledge-keepers, and feedback received from community agencies. While still a work in progress, important learnings are being applied as the CYCC program attempts to embed more Indigenous ways of knowing into our learning outcomes, and enhance our Indigenous content.

Foggo, Richard — Mount Royal University

Wise Practices in Indigenous Secondary School Student Success

This paper examines wise practices in Indigenous secondary school student success in northeastern Ontario, Canada. Wise practices are an Indigenous variant of best practices recognizing ideal education outcomes may be locally-specific. Research findings demonstrate the importance of Indigenous space, land-based learning and social support mechanisms in nurturing Indigenous education journeys.

Manitowabi, Darrel — Laurentian University

Indigenist Reflections on Emotions, Understandings and Organizational Change

Colonialism continues to impact Indigenous people. While there have been significant efforts to address these impacts, they have gone only as far as comfort limits of those individuals in position of power. This presentation will look at approaches to address colonial oppression, from cultural awareness to culturally based practices, identify their key contributions, and outline their limitations, with a focus on how each approach attends the emotional and cognitive impacts of dealing with oppression through education.

Hart, Michael Anthony — University of Calgary

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Nautilus 2
Session Topic: Elementary Education - Workshop **Session Chair:** Flores, Jennifer Lynne

A Service-Learning Project and Civic Engagement for At-Risk Elementary Students

The major idea behind any service-learning experience is that students become the vehicle for social change in their communities. The service-learning framework allows teachers the opportunity to create meaningful and active learning experiences for elementary students in order to create higher levels of civic engagement. Come explore service-learning in elementary classrooms with this interactive workshop.
Flores, Jennifer Lynne — State University of New York at Oneonta

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 1
Session Topic: Higher Education **Session Chair:** Sistek-Chandler, Cynthia

Real Time Equals Real Connections: Synchronous Strategies for Your Online Classroom

The purpose of this paper is to present literature that supports, discusses, and defends the importance of synchronous interaction in the online class. Along with a deep dive into the literature, the authors will also present synchronous strategies to help engage adult learners in the online class. Specifically, these strategies include: grouping for instruction, collaborative practices, discussion prompts, case studies, problem based learning scenarios, problem solving activities, and game-based interactive learning.
Sistek-Chandler, Cynthia — National University
Francel, Thomas — National University

Toward Transracial Crit: Critical Race Theory and Transracial Adoption

Most existing scholarship on transracial adoption tends to privilege the perspectives of (white) adoptive parents or adoption agencies, thereby rendering the narratives of transracial adoptees (TRAs) invisible. It is in the service of elevating these missing voices that the research is guided, with particular emphasis on how these testimonials can better inform, reform and transform critical race theory (CRT) as TRA experiences often extend between and beyond the existing tenets of CRT.
Sternberg, Keara Ning — Williams College

Undergraduate Perceptions of Digital Literacies and Social Media: A Survey Across Disciplines

In this research paper session, we investigate undergraduate digital literacies across disciplines and, relatedly, student perceptions of their abilities to use social media technologies (SMTs) effectively. We explored how students at a medium-sized Canadian university rate and perceive their own abilities with digital literacies and SMTs through a cross-sectional survey sent to a stratified random sample of 2,500 undergraduates across disciplines with a total response rate of 19.84% (N = 496). We will present findings about key aspects of SMTs and digital literacies that students view to be important in both their learning and their lives, and in order to inform educational practice, we will then compare these to student responses regarding how they are being taught (or not taught) these critical concepts and skills across and within undergraduate disciplinary contexts.
Smith, Erika — Mount Royal University
Storrs, Hannah — Mount Royal University

If You Build It, Will They Come? An Example of One Universities Attempts to Encourage Faculty Pedagogy Changes and Innovations, and Program Delivery and Recruitment Improvement Through Large Investments in Classroom Technology

This presentation will discuss a university's history of classroom and course design, and recent investments in technology and facilities to encourage improvement and innovation in teaching, recruitment, and student satisfaction. The investment comes in the context of the ever increasing demand for online and hybrid program offerings, and the highly subjective nature of teaching and forms of delivery really are in higher education.
Thomas, Michael — Claremont Graduate University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 2
Session Topic: Music Education - Workshop **Session Chair:** Waters, Heather

Musical Pedagogical Documentation: Learning Made Audible and Visible

The aim of this workshop is to collaboratively explore approaches to pedagogical documentation that support co-constructed learning within creative classroom communities. The presenter will share specific examples of pedagogical documentation strategies used in music classes (early childhood through adult learners) that are also readily adaptable to diverse teaching and learning contexts. Join in a collaborative exploration of pedagogical documentation strategies that enhance learner engagement and creativity.
Waters, Heather — Adelphi University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** Sea Pearl 3
Session Topic: Health Education **Session Chair:** Davis, Lauren Dotson

Trauma-Informed Practices in Rural Education

This study examines the relationship between a trauma-informed approach incorporating yoga / mindfulness and academic, social, and emotional behaviors among 4th graders in a rural academic setting. Student and teacher pre- and post-survey data indicated that there were academic, social, and emotional benefits following the intervention.

Davis, Lauren Dotson — Montana State University
Buchanan, Rebecca — Emory & Henry College

Investigating and Challenging Spiritual Deficiency within Canadian Health Care Educational Models

Attempts to bring the spiritual dimension of health into Canadian Health Care Educational Leadership models encounter great resistance. Discourses about “spirituality” are often silenced within healthcare educational leadership to reduce misunderstandings. This paper investigates and challenges this spiritual deficiency, commencing with a brief literature review that supports the need to challenge spiritual deficiency within present Canadian healthcare leadership models.

Doetzel, Nancy-Angel — Mount Royal University

Bringing the Planetree® Patient Centered Approach to University Education

Started by a single patient that the current healthcare system failed, the Planetree® organization has now transformed hospitals and health care around the world to be patient centered. This presentation details how this model is being adopted to transform universities into true student-centered entities.

Bhawal, Ritika — National University
Myers, Michael — National University

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Palmer, Kristin

Supporting Engineering Students to Explore, Curate, and Create Open Educational Resources (OER)

A team of engineering students created an ergonomics course for surgery centers for their capstone project. To create this resource, students worked with instructional designers and faculty to explore existing resources, identify what interventions would have the most significant impact, and then design and create a solution. The students developed a 6 module online course that is available for free open educational resource (OER) on the Coursera platform.

Palmer, Kristin — University of Virginia

Revisiting the Purpose of Diversity in Higher Education

In November 2014, Students for Fair Admissions, an organization founded and led by Edward Blum as part of his ongoing opposition to civil rights and racial equality, sued Harvard University for racial discrimination in the admissions process. The decision was rendered recently (October 1, 2019).

Davenport, Elizabeth — Alabama State University
Fluker, Zillah — Why Not Win Institute, Inc.

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Panel **Session Chair:** Woodley, Xeturah

Cross-Cultural Pláticas, Reflections, & Voice: Women Educators Purposefully Share About Their Experiences in Academia

The purpose of this panel is to provide an opportunity for women scholars, who come from diverse backgrounds, to talk about their experiences as students, faculty, and staff in higher education. The panelists will share about the struggles, as well as successes, they’ve had through their years of study, and work, in higher education. Their stories unveil how perseverance enabled them to stand strong against obstacles that may have prevented them from achieving their goals.

Woodley, Xeturah — New Mexico State University
Alsuwaida, Nouf — University of Hail
Salas, Loretta — New Mexico State University
Lopez, Ana — New Mexico State University
Moursi, Sahar — University of Jeddah
El Ashmawi, Yvonne — Loyola University Chicago

Time: 3:00 - 4:30 PM / **Sunday** - 1/5/2020 / **Room:** South Pacific 3
Session Topic: Higher Education **Session Chair:** Heringer, Rebeca

The Role of English in the Internationalization of Higher Education in Canada

Through a qualitative approach, this paper depicts how ten professors of a mid-sized Canadian university perceive the role played by language in the integration of graduate international students, and its impact to their classes and practices. Findings reveal that students' language skills have been the source of innumerable distressing situations, for both students and teachers, while at the same time raising questionable facets of the process of internationalization itself.

Heringer, Rebeca — University of Manitoba

Positive Outcomes of Feminist Pedagogical Practices in the Undergraduate Classroom

This presentation addresses the positive outcomes of using elements of maternal feminist pedagogies in teaching undergraduate students. Using reflections from my own teaching experiences, and those of students themselves, I argue that feminist pedagogical approaches open intellectual spaces within the classroom that assist students in witnessing a more inviting and substantive way to critically engage with the course material, take responsibility for their own learning, and consciously participate with/in the world.

Green, Fiona Joy — University of Winnipeg

Examining Contract Faculty Buy-in Towards an Institutional Framework for Pedagogical Development

The purpose of this study is to explore hurdles and opportunities in sustaining contract faculty interest in and commitment to an institution-wide framework for pedagogical development. Even when Higher Education institutions make a concerted effort to shape and formulate their teaching philosophy, it can be difficult to integrate contract faculty – often part-time, rarely available for professional development, and often working out of office hours - in this vision.

Fovet, Frederic — Royal Roads University

General Education Mathematics Learning Outcomes of Prepared and Underprepared College Freshmen

In this session we provide data regarding student learning outcomes for two general education mathematics courses: Introductory Statistics and Finite Math for Business. The outcomes are compared between students identified as underprepared who receive supplemental support and students identified as college-ready who do not receive the supplemental support. Underprepared students are required to participate in supplemental developmental support, as mandated by an Executive Order of the California State University. Analysis and discussion of the comparative data will be offered.

Ford, Richard — California State University, Chico

Boyd, Elizabeth (Betsy) — California State University, Chico

Gray, Kathy — California State University, Chico

Steckel, Ann — California State University, Chico

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Hibiscus 1
Session Topic: Language Education **Session Chair:** Makino, Masaki

Remedial English Speech Training Integrated with Peer Feedback in Class

In this study, the author verified the effectiveness of peer feedback in speech training for low English proficiency Japanese university students. The students underwent six-time speech training to improve their English-speaking proficiency and practiced speech in a group. The method and the result will be presented at the conference.

Makino, Masaki — Kindai University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL - Workshop **Session Chair:** Cowart, Melinda

Culturally and Linguistically Isolated in the United States: Identifying Significant Facets of the Newcomer Refugee English Language Learner Experience that Impact Second Language Acquisition and Academic Achievement

The presentation includes an exploration of seminal factors that impact language and academic growth for newcomer refugee English language learners. An assessment of linguistic, affective, cultural, and academic factors that influence second language acquisition will be shared.

Cowart, Melinda — Texas Woman's University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Iolani 4
Session Topic: Reading Education **Session Chair:** Alrajeh, Tahani Salman

Utilizing a Changing Criterion Design in Reading to Scaffold an Elementary-Age Student learning

This paper is a proposal for future research applying single-subject research design specifically changing criterion design. The subject in this research is a third grader who performs below grade level in reading. The researcher uses video games as an intervention through applying changing criterion design to increase student's reading comprehension scores.

Alrajeh, Tahani Salman — Imam Abdulrahman Bin Faisal University & Saint Louis University

Developing Engagement, Visual Literacy, and Content Learning: Give Students Graphic Novels

This PowerPoint presentation focuses on research related to incorporating graphic novels into the K-12 classroom. The session will explore the meaning of graphic novels, why teachers should use graphic novels, teaching graphic novel reading strategies, and suggested graphic novels for older and younger readers. To conclude the session, ideas for students to create their own stories in graphic-novel format using digital tools will be shared.

Moore, Marilyn — National University

Reading Camp: Children from The Bahamas Develop a New Appreciation of Children's Literature

After a presentation about the project, participants will engage in a discussion about the importance of pairing fiction and non-fiction children's literature to improve children's reading comprehension and to promote their enjoyment of reading.

Armstrong, Joyce — Old Dominion University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education **Session Chair:** Partsafas, Andrea

ELs: The Invisible Population in K-12 Computer Science

This exploratory study identified a lack of data collection for ELs in computer science and looked for which, if any, research-based instructional strategies overlap between (a) science instruction for ELs and (b) computer science/computational thinking (CS/CT). The study evaluated recommendations and implementation by two teacher groups. Results indicate teachers may theoretically know what strategies are most useful for ELs, but in practice not used at a rate of frequency commensurate with research-based recommendations.

Partsafas, Andrea — University of Oregon

Teaching Mathematics Concepts Through Historical Inquiry: Distance-Rate-Time and the Underground Railroad

Application of one area of disciplinary area may often be used to teach concepts in other areas. The study of the nineteenth century Underground Railroad can be used to teach principles of uniform motion (distance, rate, and time) in an introductory algebra class (as well as other mathematics classes), especially to African American students.

Holt, Jerry — Florida A&M University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Smith, Kentina

Behavioral, Cognitive, and Emotional Student Engagement in Classrooms

This session will focus on three levels of student engagement in the classroom, using student-centered strategies. Innovative strategies, designed to stimulate student involvement in their own learning, will be presented.

Smith, Kentina — Anne Arundel Community College

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Kahili 1
Session Topic: Distance Education **Session Chair:** Wofford, Donald

School Psychology Distance-Delivered Versus On Ground Programs: What We Learned and Next Steps

Alliant International University's School Psychology program has evolved from a primarily on ground delivery model to a distance delivery model. We compared two key assessment outcome measures from both populations. This data will be shared. Additionally, we will talk about what we learned, what we would do differently and best practices when embarking on such a delivery model change.

Wofford, Donald — Alliant International University

Fisher, Steve — Alliant International University

Cochrane, Stephen — Alliant International University

Using Kahoot! to Promote Student/Faculty Interaction in the Online Classroom

Kahoot! is a software that is used in many online classrooms. Although it has been used in K-12 classrooms, it can also be used in the college classroom. The goal is to promote interaction between students and interaction between the student and the faculty member. When students use some form of technology in the classroom, it tends to peak their interest in the material that is being presented. Overall, this presentation will show you how to use built templates or create your own template for your online classroom.

Davis, Antoinette — Embry-Riddle Aeronautical University and Colorado State University-Global Campus

A Systematic Examination of Longitudinal Improvement in Online Retention

This study examines institutional practices that address issues with retention and their impact over a 12 year period. Understanding how internal and external trends have impacted retention over the period, provides guidance for continuous quality improvement and avenues for further research.

Boston, Wallace — American Public University System

Layne, Melissa — American Public University System

Ice, Phil — Analytikos

Creation and Implementation of Hybrid Online Courses in an Early Childhood Education Certification Program

Distance education and new technologies forces changes in undergraduate program teaching. This presentation will report from an ongoing experience in finding the right balance between synchronous and asynchronous modalities in online courses for early childhood educators (part of their initial training). Challenges will be presented, as well as ideas for developing a balance curriculum regarding a variety of material, teaching methodology, and means for ensuring continuous student implication and participation.

Goulet, Nathalie — University of Quebec in Montreal

Boily, Manon — University of Quebec in Montreal

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Kahili 2
Session Topic: STEM Education - Workshop **Session Chair:** Herr, Norman

Employing Remote-Sensing Data to Develop Models of Earth Systems

Participants will gain experience with technology-rich lessons that engage their students in the analysis of data obtained by earth-observing satellites to monitor the flow of energy and matter in Earth systems, and make reasonable inferences regarding the health of our planet. This workshop is designed to help teachers develop techniques for engaging their students in NGSS science and engineering practices using data collected by NASA earth-observing satellites to better understand issues related to the health of our planet.

Herr, Norman — California State University, Northridge

Vandergon, Virginia — California State University, Northridge

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Lehua
Session Topic: Language Education **Session Chair:** Nyui-Kozuka, Akie

English for Specific Purposes in Fashion—ESP Fashion with Fashion Major False Beginners in Japan

This presentation is a work-in-progress report on curriculum and materials development of English for Specific Purposes (ESP) in Fashion for fashion major students in Japan. It covers the position of ESP fashion and issues in designing ESP fashion courses. It also introduces an alternative way to create active learning in ESP course for Japanese fashion major false-beginners.

Nyui-Kozuka, Akie — Sugino Fashion College

Incorporating Content-Based Instruction (CBI) with Distance Learning (DL) Technology in Less Commonly Taught Languages (LCTL) Courses

This paper discusses the value of integration of Content-Based Instruction (CBI) with online tools (Online course that includes assessment, language/cultural video clips, digital flashcards, PowerPoint presentations, synchronous chat, asynchronous discussion boards, etc.) in teaching foreign language courses. Furthermore, focusing on experiences of Content-Based Curriculum for foreign languages, this presentation starts by going into what type of material is eligible for Content Based Instruction.

Mokhtari, Azita — National University

Sarraf, Ramin — National University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education - Workshop **Session Chair:** Emery, Tepora

Mai i te hangū ki te hohe – From Passive to Active: Facilitating Indigenous Learning, Teaching and Transformation Inside a Kaupapa Māori Research Project

This workshop will examine and discuss how a collaborative Kaupapa Māori research project became a site of indigenous education and transformation for the research participants (the whānau family at the centre of the research). Stepping out of the traditional role of passive research informants, how the whānau were enabled to critically engage with, challenge and use the research processes and outcomes to transform their thinking, behaviours, decision making processes and actions, to drive their vision.

Emery, Tepora — Toi Ohomai Institute of Technology

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Nautilus 2
Session Topic: Early Childhood Education - Workshop **Session Chair:** Torres-Crespo, Marisel

Every Child has a Story and a Teacher Willing to Document it!

As part of this workshop, participants will understand the collaboration between the teacher and the preschoolers while documenting children's learning. This process allows the child to be an active participant in the assessment process providing his/her perspective into the equation, not only the teacher's one. To be able to achieve that, the participants will explore photo documentation and learning stories as an assessment tool.

Torres-Crespo, Marisel — Hood College

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Herman, Keith

Profiles of Middle School Teacher Stress and Coping: Concurrent and Prospective Correlates

This study examined the stress and coping patterns of middle school teachers using latent profile analysis. Nearly all teachers were characterized by high stress and high coping (66%) or high stress and low coping (28%) and profile type predicted teacher burnout and self-efficacy, rates of observed reprimands, and student-reported depression as expected.

Herman, Keith — University of Missouri

Prewitt, Sara — University of Missouri

Eddy, Colleen — University of Missouri

Savale, Alyson — University of Missouri

Reinke, Wendy — University of Missouri

Does edTPA Effect Teacher Practice?

This presentation will report on the results of a study that investigated the implementation of the principles of edTPA by novice working teachers. Specifically, the presentation will discuss the results of the following survey questions: To what extent do novice working teachers, who participated in the pre-service edTPA assessment process: •implement the essential edTPA elements of planning, teaching and assessment? •perceived the priority level of essential edTPA elements by their school districts?

Hernandez, Stephen — Hofstra University

Exploring Japanese Elementary School Teachers' Self-efficacy: the Effect of Advice and Feedback on Foreign Language Teaching

The study explores the effect of advice and feedback on novice EFL teachers in Japanese elementary schools. Surveys were conducted as to find how the teachers' self-assessment changed over the time. Teachers' responses taken as questionnaires positively reflected their sense of achievement as well as appreciation to the verbal support given by the trainers. However, some scores related to self-efficacy stagnated, leading authors to hypothesize cultural influence on such reactions.

Kano, Akiko — Sophia University Junior College Division

Higashi, Hitomi — Seigakuin University

Pathways to Professions (P2P): Preparing Culturally Responsive Educators through Rural-Urban MicroResidency

With the overarching goal of preparing and sustaining culturally responsive educators for inclusive excellence, the Pathways to Professions (P2P) initiatives have been implementing a rural-urban MicroResidency model in the past few years. The principal investigator will share processes, outcomes, and lessons learned on the innovative clinical preparation model funded by state and federal agencies.

Huang, Yi — Coppin State University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 2
Session Topic: Music Education **Session Chair:** Griffin, Shelley

Intricate Interplaying: Modes of Musical Meaning-Making

Through the combined expertise of private string music teachers, young musicians (age 5–16) and their parents, this study explores the intricate interplaying of modes—stringed instruments, theatre, artistic journals, children’s literature, and digital media. We investigate how these modes, alongside community perspectives, inform pedagogical innovation in music education. Musical learning is a continuum as opposed to a dichotomy. Future practices in community-based musical training and school music can benefit from assembling modes of meaning-making.

Griffin, Shelley — Brock University

Winters, Kari-Lynn — Brock University

Teaching Web Design In Today’s Classroom

The aim will be twofold; to share some potentially useful strategies of teaching web design in today’s class-room with a mixed group of practitioners, academics and students. To create a space for open, energetic, and speculative discussion around the causal factors impacting interactive education over the next (x amount) of years. As a design professor, I will present a variety of approaches to this objective in studio-based, web design curriculum by using case studies.

Li, Qiuwen — Santa Clara University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 3
Session Topic: Educational Administration - Workshop **Session Chair:** Cunniff, Daniel

The Softer Side of Educational Leadership

The presentation will consist of a review of the literature of leadership styles and skills. Participants will analyze their traits, and identify their educational leadership styles.

Cunniff, Daniel — National University

Marron, Joe — National University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology - Workshop **Session Chair:** Rod Szabo, Maryam

Making Our Classes Engaging and Accessible

Teachers’ technological knowledge can influence the design and development of a course, especially in distance and online learning. This workshop, we will elaborate on ways that we (educators/instructional designers) can be using available free online tools to make our classes more accessible and engaging to our students. Participants will have access to free handouts, videos and follow up opportunities.

Rod Szabo, Maryam — Wartburg College

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 1

Session Topic: Higher Education **Session Chair:** Juniel, Pamela

A Critical Look at Instructor Expectations of Scholarly Student Writing: A Research Proposal

This paper presentation is a summation of a study that is in the final stages of development for national distribution. This anticipated study is intended to settle areas of debate across multiple disciplines and programs in higher education surrounding instructor expectations for scholarly writing assignments and projects. The results of the completed study this will open conversations surrounding instructor perspectives in the design, expectations, and the evaluation of supports that are available to students to improve scholarly writing.

Juniel, Pamela — Central Washington University

Cultivating Community Engagement Vis-à-vis Development and Organizing Practice With Selected Higher Educational Institutions in the Philippines: A Multiple Case Study

A program provided the 30 participants from different Higher Educational Institutions (HEIs) some opportunities and gained knowledge, understanding, skills and, values of/for community engagement vis-à-vis development and organizing that they applied in their respective educational institutions' community extension and development work/program. The monitoring and evaluation component of the program played substantial role in the determination of its impact. Also, the research contributed to the coming-up of theoretical learning in the practice of community engagement.

Alipao, Froilan — University of Santo Tomas

Two Steps Forward One Step Back: The Current Situation of Active Learning in Japan

For the past decade The Ministry of Education has placed a great deal of emphasis/funding on the concept of 'Active learning' but for many Japanese educators 'Active Learning' amounts to little more than a buzzword with the reality that educators are at a loss to even offer a definition of what active learning should resemble in their local practice. This research will discuss results of research into current active learning attitudes and practices within the Japanese tertiary context.

Yamauchi, Darlene — Toyo University

We Moved Online, Now What? The Updated Case Study of One Small University's Decision to Create Online Graduate Programs and the Challenges and Opportunities Discovered Through the First Years and Where Future Leads.

This presentation continues a discussion of a graduate-only university's history of attempts with distance, hybrid and online education, but from the perspective of lessons learned over the first years of implementation and execution. This presentation will discuss the real world experience of the first years of administering fully online programs, the successes and the challenges, as well as decisions made for future program delivery and cohorts.

Thomas, Michael — Claremont Graduate University

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 2

Session Topic: Distance Education - Workshop **Session Chair:** Dunn, Shernette

Factors Impacting the Success of Culturally Diverse Students in Online Courses in Post- Secondary Institutions

This presentation will highlight research that has been conducted for the presenter's dissertation to determine the effects cultural background, age, gender, ethnicity, socio-economic status, language, and prior academic experience have on students' ability to be successful in today's online learning environment. The presentation will highlight the literature on online learning as well as present the findings that are needed for culturally and linguistically diverse students to be successful in online learning environments.

Dunn, Shernette — United States Air Force Academy Preparatory School

Time: 8:00 - 9:30 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 4

Session Topic: Teacher Education - Workshop **Session Chair:** Elliott-Johns, Susan

Becoming an International Transdisciplinary Professional Learning Community

At national and international levels, the need for initiating and sustaining transdisciplinary professional networks focused on improving instruction is becoming increasingly evident with an impetus on educating students for a global workplace, and a goal being the innovative use of knowledge. Consequently, becoming an international transdisciplinary professional learning community requires disrupting and problematizing the status quo. This highly interactive workshop aims at improving transdisciplinary literacy teacher education through the lens of Cambourne's conditions for learning.

Elliott-Johns, Susan — Nipissing University

Puig, Enrique — University of Central Florida

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Hibiscus 1
Session Topic: Special Education **Session Chair:** Lindsay, Pamela

A Case Study on Implementing the ARCS Model in Education for Adults with Intellectual Disability

This presentation includes a case study of reading workshop curriculum for adult students with intellectual disability, delivered without and with the addition of the ARCS motivational instruction model. Discussion of themes related to instructor observations and student perspectives informs conclusions and suggestions for further research and best practices for curriculum planning, assessment development, and instructor training.

Lindsay, Pamela — College of Adaptive Arts
Bottomley, Kevin — University of Phoenix

Educate not Litigate – Understanding the Nature of Conflict From Meta-Analysis to Structured Paradigm

As part of a research study, a meta-analysis was created to identify specific trust building or breaking actions in multiple fields. The results identified the degree to which trust building factors existed based on the themes derived from semi-structured interviews and those behaviors identified in the meta-analysis involving critical variables. These elements were subsequently developed into a structured paradigm that has been successfully applied the field of special education for the purpose of reducing conflict.

Wellner, Laurie — Northcentral University

Special Education Teacher's Attitudes Toward Teaching Adaptive Behavior Skills for Elementary Students with Intellectual Disabilities in Saudi Arabia

This study will collect data on special education teachers' attitudes toward teaching ABS to students with ID based on the Tripartite Model of Attitude. This study examined the teachers' attitudes and also identified key variables related to attitude formation toward teaching ABS.

Al-hazmi, Huda Salim — Concordia University

Enhancing Learning for Students with Disabilities in the Early Childhood Classroom using the iPad

This presentation will discuss research looking specifically at the use of the iPad with preschool children with disabilities in an inclusive preschool program. Data from the study will be examined and the presentation will also explore the apps used in the study that supported the children's learning.

Chmiliar, Linda — Athabasca University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Hibiscus 2
Session Topic: Other Areas of Education - Workshop **Session Chair:** Gilderbloom, John I. "Hans"

How to Change Your Dull and Declining Neighborhood with Uplifting Dazzling Chromatic Colors: Real Stores From Around the World

Chromatic Homes: A Design and Coloring Book inspires, enlightens, entertains, and transforms—and when color graces chromatic homes, it can enhance, revive, and regenerate a community. This vibrant, engaging, and inviting presentation provides an escape to a world of inspiration, artistic fulfillment, and appreciation for these homes. Containing fifty-seven pages of illustrations, this edition is an effective and fun-filled way to enjoy and appreciate the homes' beauty, while also encouraging imagination, creativity, and the creation of a unique work of art. After a short and lively presentation including a short film: "How Color Saved Miami Beach," participants will get an opportunity to do a free workshop that lets you test your talent on homes.

Gilderbloom, John I. "Hans" — University of Louisville

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Farrell, Thomas

Exploring The Lived Experiences Of Early Career ESL Teachers.

This work-in-progress seeks to examine the most frequent adaptation challenges that early career ESL teachers in their first years (specifically their 3rd, 4th and 5th years) of teaching face through the lens of the lived experiences of three early career ESL teachers.

Farrell, Thomas — Brock University

Accreditation Principles for Excellence in ESL Programming and Teaching with CAIRE

To comply with accreditation requirements, it takes continuous work and time, but benefits weigh more than negatives. You can learn principles of accreditation and how you can incorporate them in your program and curriculum development as well as teaching and student services. The CAIRE framework goes hand in hand for your students' language learning success.

Doi, Saori — University of Hawai'i at Mānoa

Communicating in American English: Whadjasay?

Learning Standard American English is not an easy task. Add to Standard English, Non-standard English grammar, syntax and pronunciation rules plus digital texting and twitter-speak challenges. Peppered with regional dialects and accents, New English Language Learners are soon aware of American English fluidity. Our goal for this presentation is to heighten awareness of American English intricacies and idiosyncrasies by exploring samples of adages, slang/jargon, oxymorons, idioms, euphemisms, acronyms, and slurred enunciation embedded within American English.

Brock, Patricia Ann — Pace University
Doi, Saori — University of Hawai'i at Mānoa

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Iolani 4
Session Topic: School Choice **Session Chair:** Cavanaugh, Bethany

Exploring the Impact of School Choice on Assigned Neighborhood Schools

This presentation includes a review of studies of districts where parents are provided the opportunity to choose public school programs other than an assigned neighborhood school. By exploring factors influencing parent choice and investigating enrollment patterns in districts that offer choice, the presentation aims to identify possible impacts to the neighborhood schools that tend to lose students to choice programs.

Cavanaugh, Bethany — University of Portland

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Howarth, Margaret

Happiness and Humor: A Prescription for Learning

A growing body of research indicates that when learners of all ages experience happy emotions, they learn better, are better problem solvers, collaborate better and perform better on cognitive tests. The science of happiness provides solid data that happiness is positively correlated with motivation and academic achievement. In this workshop, participants will understand what happiness is, the science of happiness, the intersection with teaching and learning and strategies for developing happiness /well-being,

Howarth, Margaret — National University

Evans, Suzanne — National University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Ingram, Patreese

Lazy Brains and Unintentional Intolerance – Even Nice People Experience These

This workshop will help participants understand how and why we react the way we do when it comes to differences in people and new ideas that are outside of our comfort zones. While presenting a new way of looking at Diversity and Inclusion, this workshop will help participants become more cognitively flexible, behaviorally adaptable, and able to reduce implicit bias in a world of human differences.

Ingram, Patreese — Pennsylvania State University

Promoting Mathematics Development in the Early Years: The Numbers Don't Always Add Up

In this study with Early Childhood Education (ECE) teachers, I examine their experiential beliefs and pedagogical practices regarding the promotion of mathematics development with young learners. Utilizing a life history methodological approach, I explore the professional mathematics teacher knowledge of five experienced ECE teachers. In addition, I explore the impact of the socio-political context where their teaching practices are situated, to better understand the construction of their professional mathematics teacher knowledge.

Yeager, Deborah — Brock University

Reaching Out to Parents with Insight and Compassion: Minimizing Cultural Differences Early On Enhances Long-Term Student Success

Too often America overlooks the lack of readiness options available to people of color, particularly Latino families with small children. This paper advances important information about the impact of parent perceptions on early learning, and identifies very real differences between the outlooks of minority families and those of local educators. These insights, their significance, and recommendations concerning the importance of compassionately forging improved understandings for Latino parents with young children are presented in this paper.

Schweitzer, Marisel — WestEd Inc.

Hughes, Thomas — Northern Arizona University

The Effects of a Neuromotor Exercise Program on Cognitive and Physical Development of Pre-School Age Children

The objective of this research project is to assess the effects of an eight month neuromotor exercise program with activities designed to improve children's motor skills, coordination, balance, and reflexes on Pre-K student performances on standardized cognitive and physical tasks. An overview of the necessity of the study, methods, and preliminary findings will be discussed.

Reilly, Erin — Auburn University at Montgomery

Shelley, Tami — Auburn University at Montgomery

Russell, Angela — Auburn University at Montgomery

Higginbotham, Tiffany — Body Logic Physical Therapy and Wellness

Wildman, Laura — Auburn University at Montgomery

Links Between School Engagement and Social Integration in Preschool Education

To better understand the factors involved in early school engagement, we conducted a study assessing the contribution of the peer group at preschool age. Using a mixed methods research design (questionnaires, interviews, observations), data were collected from 13 preschool teachers and 185 preschool children to (1) consider to what extent social integration in the peer group directly influences school engagement of preschool children; (2) identify the contribution of two particular mechanisms: affiliation and perceived support.

Robert-Mazaye, Christelle — Université du Québec en Outaouais

Salvas, Marie-Claude — Université du Québec en Outaouais

Coutu, Sylvain — Université du Québec en Outaouais

Archambault, Isabelle — Université du Québec en Outaouais

Advancing Math and Science Learning Through Culturally Responsive Lessons

This workshop will showcase three projects (Ka Pilina No'eau, Project BEAM, and Project TEAMS) that utilize evidence-based practices to tap into the talent of twice exceptional and indigenous students through the implementation of after school hands-on, culturally relevant activities.

Takahashi, Kiriko — University of Hawai'i at Mānoa & The University of Tokyo

Park, Hye-Jin — University of Hawai'i at Mānoa

Feliciano, Jerrik — University of Hawai'i at Mānoa

Wee, Samantha — University of Hawai'i at Mānoa

Kitami, Yoko — University of Hawai'i at Mānoa

Nip, Kendra — University of Hawai'i at Mānoa

Guillen, Alejandro — University of Hawai'i at Mānoa

Malmud, Max Kekai'oli — University of Hawai'i at Mānoa

Dabrowski, Megan — University of Hawai'i at Mānoa

Chin, Viki — University of Hawai'i at Mānoa

Tracing the Early Development and Application of Proof-Like Reasoning for Justifying Solutions to Counting Tasks: A 3-Year Case Study

A longitudinal case study tracing a primary school student's development of reasoning and argumentation over three years is described from both a socio-constructivist and cognitive theoretical perspective as he worked on challenging open-ended counting problem in various settings: whole class, dyad, one-on-one interviews, small-group formative assessment, and summative assessments. The problem solving, reasoning, representations (everyday and academic language, diagrams, physical models), control and monitoring strategies (heuristics, proof-like justifications), and dialogue of the student, Milin is displayed as video narratives (VMCAalytics).

Krupnik, Victoria — Rutgers University

Maher, Carolyn — Rutgers University

Structural Topic Modelling for Students' Perception About Beautiful Experiment

In this study, about 100 students were asked to answer the beauty of experiments compared to the aim of experimentation. This study shows how students' perceptions can be easily categorized according to text mining, in particular STM (structural topic modelling).

Jho, Hunkoog — Dankook University

Assessment of Interdisciplinary Programmatic Approaches for Graduate Students in STEM (Science, Technology, Engineering and Mathematics)– Findings from a 5-year case-study of curriculum development

This presentation will discuss the conclusion of a 5-year project regarding curriculum development and assessment for graduate students, particularly preparing the students for the future workforce and entrepreneurship in STEM fields. A series of non-science courses were developed for their professional career. This presentation also discusses the instrumentation used and key findings determined over the duration of this study, which will demonstrate practical considerations for faculty and administrators in developing new professional science curricula.

Komura, Kiriko — The Claremont Colleges

Thomas, Michael — Claremont Graduate University

Fathers Make A Difference In Student Achievement

An interactive presentation provides proven strategies used to help school districts increase and enhance parental involvement of male child care providers. Evaluation markers of the objectives include improved student academic performance, modifications of undesired student behaviors and increased access to available family resources.

Stevens, Matthew — Orange Township Public Schools

Miller, David — Dare to Be King Project

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Nautilus 1
Session Topic: Human Resource Development **Session Chair:** Drolet, Lauriane

Towards a Better Understanding of the Sick Listing Practices: What are the Doctor's Challenges, Perceptions and Impediments?

Disability assessment relies mostly on medical certificates. Few studies have investigated sick-listing practices and results from mostly Scandinavian countries call for a better understanding as numerous difficulties are outlined. This work in process aims at summarizing the main sick-listing difficulties encountered by health care professionals in Quebec and to discuss possible solutions, such as the importance of specific training for health care professionals.

Drolet, Lauriane — Université du Québec à Montréal
Caron, Pier-Olivier — Université TÉLUQ
Alexanderson, Kristina — Karolinska Institutet
Turcotte, Jean-Robert — Université de Montréal
Gilles, Dupuis — Université du Québec à Montréal
Forget, Jacques — Université du Québec à Montréal

Mental Health Hypothetical Case Stories: How Much Do Doctors Agree on Sick-listing Practices?

Mental Disorders are becoming one of the leading causes of disability. Thus, doctors are required to fulfill sickness certificates, but available data suggest that there is a poor agreement between doctors. The goal of the present study is to present four hypothetical case stories and to present preliminary results on the level of agreement between raters for a same patient.

Drolet, Lauriane — Université du Québec à Montréal
Caron, Pier-Olivier — Université TÉLUQ
Forget, Jacques — Université du Québec à Montréal
Gilles, Dupuis — Université du Québec à Montréal
Turcotte, Jean-Robert — Université de Montréal

Evaluating the Service Profit Chain in the Context of Student Satisfaction in Continuing Education Schools

Education in general, is becoming recognized as a service industry. The Service Profit Chain is a service model that establishes linkages between profitability, customer loyalty, and employee satisfaction, loyalty, and productivity (Harvard Business Review, 2011). The reality of the education marketplace is that it is market-driven by the customer, which in this case would be students.

Bayot, Donnell — The International School of Hospitality
Mott, Timothy — Cincinnati State Technical and Community College
Tideman, Peggy — Streamline Coaching

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership - Workshop **Session Chair:** Lee, R. Karlene McCormick

Data Displays: Data Stories Drive Action

Leaders access an abundance of data to guide administrative decisions. Why certain data are examined in what format is essential (Glowa & Goodell, 2016). Visualizations enable leaders to grasp complex concepts. The visual cortex processes relationships faster than that the cerebral cortex. Data visualizations leverage both cortices to make meaning of the data (Few, 2012; Tufte, 2001). Through collaborative activities, attendees will explore data visualizations, examine data stories, and develop strategies for displaying education data.

Lee, R. Karlene McCormick — Newleef, LLC
Bickmore, Dana — University of Nevada, Las Vegas

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Purnell, Ken

Using Educational Neuroscience to Maximize Teacher and Student Learning and Wellness

Teachers are brain changers as we create learning experiences that either activate or weaken neural networks that form memories. Creating and maintaining optimal learning environments that are 'approach-based' and brain-friendly is critical to maximize learning. Our teacher professional knowledge and skills using contemporary, research-based understandings from Educational Neuroscience - and avoiding neuromyths - is critical. Using expert judgment, we can maximize both learning and wellness for the young people with whom we work - and ourselves.

Purnell, Ken — Central Queensland University

Beyond Traditional Teacher Preparation: Elevating Teacher Candidates' Voices

There is an urgent need to attract more people into the teaching profession and build a more diverse, highly qualified teaching force. The rise of teaching academies in high school as a strategy for school districts to recruit and retain high-quality educators is an emerging phenomenon in education. This presentation highlights how a teacher preparation program enhanced professional learning opportunities for teacher candidates while simultaneously recruiting future teachers to join a college-level teacher preparation pathway.

Wenzel, Taylor — University of Central Florida

Spalding, Lee-Anne — University of Central Florida

Kennedy, Analexis — University of Central Florida

Hoffman, Elizabeth — University of Central Florida

Brooks, Lisa — University of Central Florida

Clinical Practice: From the Fringes to the Focus: One University's Teacher Education Faculty's Self-Study on Bridging Pedagogy and Practice

In recent years there has been growing attention paid to the need for high quality clinical practice placements that are closely aligned with the teacher education pedagogy coursework. The NCATE Blue Ribbon Panel (2010) stated, "First, the very focus on teacher education programs need to be redesigned from beginning to end" with a direct and explicit connection between the pedagogy, clinical practice and K-12 student learning outcomes. In this study, using Dr. Etta Hollins's Rethinking Field Experiences in Preservice Teacher Preparation as a springboard for a three month book group, faculty at a private university will be reflecting, reviewing and restructuring their program based on the new insights gained and hopefully a shared vision on making explicit connections between theory and practice.

Arnak, Sonja Lopez — Alliant International University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 2
Session Topic: Art Education - Workshop **Session Chair:** Dąbrowska, Anna Maria

Pedagogy Corrected – "Gardzienice" Theatre (Poland) Practices in Artistic Pedagogy

Workshop based on Gardzienice Theatre Practises consists of short body warm up, work with rhythms, sounds, text, song, movement; building simple theatrical scenes with reference to indigenous and cultural sources. Lead by actress and preceptor with 20 years of experience in Gardzienice Centre for Theatre Practices, run by Włodzimierz Staniewski in Poland. Concepts introduced during dynamic practical workshop include such themes as: Practising Humanities, Voice-Body-Image Ecology, Embodying Visual Arts, Protagonist-Chorus Collaboration, Corrected Pedagogy in Art.

Dąbrowska, Anna Maria — "Gardzienice" Centre for Theatre Practices

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 3
Session Topic: Educational Psychology **Session Chair:** Yamawaki, Niwako

Attitudes and Stigma toward Mental Health among Americans and Japanese

Our study aims to look about stigma and attitudes toward mental health. We compare the data between males and females from America and Japan.

Yamawaki, Niwako — Brigham Young University

Tandiman, Patricia — Brigham Young University-Hawaii

Mui, Hong Ni — Brigham Young University-Hawaii

McQueen, Sabrina — Brigham Young University-Hawaii

Aryana, Souza — Brigham Young University-Idaho

Herrera, Niyeli — Brigham Young University

Frezza, Rebecca — Brigham Young University

Examining Gender Gap in Mathematics: Role of Mathematics Anxiety

The present study examines the role of mathematics anxiety to explain the existing gap in mathematics achievement between boys and girls in the US and various other parts of the world. By utilizing a large international dataset, the current study will provide an invaluable opportunity to assess the role mathematics anxiety plays in the divergent mathematics outcomes of boys and girls in the US and others parts of the globe.

Song, Steve — Concordia University Chicago

Lu, Ming-Tsan Pierre — University of Texas Rio Grande Valley

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology **Session Chair:** Fortner, Kitty

Equitable Leadership: Systematizing Equity Through Collaboration and Technology Skills to Mitigate the Digital Divide, One Program's Experience

One program's experience in equipping education leadership candidates to work in urban schools. Objectives are: To examine the impact of the digital divide and technology skills, to discuss the intersection of the digital divide, school leadership and equity, to offer an example of one program's approach to mitigate the digital divide and ensure equity and access for our students, and to share dispositions, skills and knowledge used by program graduates to address the digital divide.

Fortner, Kitty — California State University, Dominguez Hills

Jhun, Julie — California State University, Dominguez Hills

Construction of E-Learning System for Programming: Extract Patterns of Mistakes Occur by C Language Learners

In this report, construct an "e-learning system for programming" and provide learning contents for learners. The purpose of our research, extract patterns of mistakes that are prone to occur when C language learner write source code, as a preparatory stage for learning content creation. Also, we plan to use the obtained results as a basis to estimate learners' comprehension levels. In addition, we will select and create learning contents.

Kuma, Yuko — Shonan Institute of Technology

Saito, Tomohiko — Shonan Institute of Technology

Sasaki, Tomoyuki — Shonan Institute of Technology

Umezawa, Katsuyuki — Shonan Institute of Technology

Hirasawa, Shigeichi — Waseda University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Kranzow, Jeannine

Surely There Has Been a Mistake: Supporting Students Struggling with Imposter Syndrome

This paper will explore the impact of Imposter Syndrome on students and provide practical insights for faculty and professional advisors seeking to guide and educate students to healthier mindsets. By identifying effective practices for guiding students through these uncomfortable feelings, faculty and professional advisors can be better prepared to lead students to academic confidence and success.

Kranzow, Jeannine — Azusa Pacific University

Teaching for Social Justice and Equity: Incorporating Aspects of Asian American Studies as Tools for Teaching about Race and Discrimination in a Community College Setting

This presentation details how the struggles and triumphs of Asian Americans can provide undergraduate college students with a multicultural perspective to better understand systemic racism and offer examples for professors to engage their classes with difficult concepts related to racism and discrimination. The incorporation of aspects of Asian American Studies (AAS) can be a valuable tool in transforming not only how students learn but also how professors teach.

Ma, Catherine — City University of New York

Ties that Bind Character and Sustainability Education

Theoretical and pedagogical ties bind character and sustainability education. These ties can inform improvement of students' development of good character and commitment to sustainability at various educational levels. This transferable conceptual research set in higher education considered the character-sustainability relationship; character and sustainability similarities without a mutuality in higher education, notions and dependent definitions, and related pedagogies. Binding character and sustainability suggests more effective theory, curriculum, and pedagogy for students at various educational levels.

Borland, Jr., Kenneth — Bowling Green State University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Zurn-Birkhimer, Suzanne

Exploring your Identity and Belonging in Academia

The academic culture in the United States was established by those associating as white and male. Others not identifying with one of both of those characteristics have often experienced challenges 'fitting-in' to the academic culture. This workshop encourages participants to examine their own sense of identity and belonging in academia, and those in majority groups may in turn, gain an appreciation of what obstacles others may face.

Zurn-Birkhimer, Suzanne — Purdue University

Ahasteen-Bryant, Felica — Purdue University

Sahley, Chris — Purdue University

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Panel **Session Chair:** Kirkey, Christopher

Systemic Practices, Gender and Curricular Practices in Higher Education: Case Studies from the United States, Afghanistan, and the former Soviet Union

This session, comprised of seasoned academics in the field of Canadian Studies, higher education and political science, will profile and examine current comparative educational curricular initiatives, practices and systems in the United States, Afghanistan and the former Soviet Union.

Kirkey, Christopher — SUNY College at Plattsburgh
Holland, Julie — American University of Afghanistan
Holland, Kenneth — American University of Afghanistan

Time: 9:45 - 11:15 AM / **Monday** - 1/6/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Panel **Session Chair:** Harven, Aletha

Protecting Black and Latinx Students from the Negative Psychological and Academic Consequences Associated with School Racism, Discrimination, and a Lack of Effective Administrative Support

This presentation will discuss the psychological and academic consequences of Black and Latinx adolescents race-related experiences in school. The presentation will provide high school teachers, administrators, and other school officials with current interview and statistical data that speak to the unique experiences of Black and Latinx students. Effective strategies for reducing students' negative race-related experiences will be provided, in order for educators to take steps in creating more inclusive school environments.

Harven, Aletha — California State University, Stanislaus
Murray, Terry — California State University, Stanislaus

Roundtable Session

Presenters will have 25 minutes to lead a discussion with attendees. After the 25 minutes, attendees will have 5 minutes to select a new table. No audiovisual equipment will be provided for these sessions. They are meant to be discussions, not presentations.

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Coral III

1. The Stress Game

Managing stress is the increased self awareness of your personal reaction to stress and building your sense of control and mastery over the stressors in your life. Stress is an everyday fact of life. It is how you respond to these experiences that determine the impact stress will have on your life. This presentation will provide an experiential creative activity along with reflection and feed back.

Jones-Trebatoski, Kathleen — Private Practice

2. Wisdom in a Jar: Should You Incorporate Creative Elements into Your Program?

Counseling is a creative process that focuses on helping the client make appropriate choices and changes. It fosters different ways of experiencing the world. When used in a clinical setting, the counselor and the client gain unique perspectives on the family dynamics and possible solutions. This presentation will provide an experiential creative activity along with reflection and feed back.

Jones-Trebatoski, Kathleen — Private Practice

3. Assessing Intern Engagement: Independent or Cohort Hire?

This roundtable session will discuss a statewide engagement survey and the corresponding results. Keeping interns engaged in their role and subsequent duties is important to increase satisfaction and overall productivity for the employer. This session will also include strategic hiring methods that may relate to higher intern engagement and satisfaction in their internship role.

Greenway, Surine — University of Idaho Extension
Amende, Jackie — University of Idaho Extension

4. Increasing Diversity of Teacher Candidates Through Inclusive Excellence in Higher Education

Special education professionals work with diverse individuals, families, and communities. One way to increase and support a diverse special education workforce is to address the barriers in higher education that negatively impact diverse students. Inclusive excellence is one way to support diverse students in higher education teacher preparation programs. Inclusive excellence refers to the use of pedagogical strategies that address the needs of students with a variety of backgrounds, learning interests, and abilities.

Buchter, Jennifer — Eastern Illinois University
Oh-Young, Conrad — California State University, Dominguez Hills

5. Selecting Texts for Literacy Instruction: Complex Grade Level Texts or Leveled Readers? Yes and Yes!

Some literacy experts claim that leveled texts are overused in classrooms, at the expense of more complex texts. In contrast, others assert that leveled texts are needed to ensure that students are taught in developmentally appropriate ways. The purpose of this presentation is to shed light on both sides of the debate, and to help teachers integrate diverse materials into their instruction.

Ankrum, Julie — Indiana University of Pennsylvania
Myers, Jacqueline — University of Pittsburgh-Johnstown

6. Teacher Education and Practice of Teaching Art Education

This study explores the issue of preparing pre-service teachers to teach art education in schools as well as the practice of teaching art education. Researchers have found gaps in the areas of how art teachers practice teaching; improving teachers' theories, practices, knowledge, and values; and making connections between students' experience outside schools and cultural practice. This study addresses these gaps by discussing teacher education and practice of teaching art education issues.

Albakri, Ghadah Shukri — Princess Nourah bint Abdulrahman University & University of North Texas

7. Using Teacher Generated Case Studies to Link Theory and Practice

Teacher-generated case studies have been a core resource in teacher education. I have re-storied my own recent teaching experiences to help teacher candidates develop in the areas of curriculum, instruction, assessment and classroom management. Teacher-generated case studies have helped me guide teacher candidates to question their own immediate classroom experiences, draw connections between experiences, and to link theory and practice.

Merk, Hillary — University of Portland

8. Teaching as an Administrator: Tales of Educational Policy in the Classroom

The divide between administration and faculty continues to be perpetuated throughout college campuses; one way for administrators to bridge this divide is in the classroom. When administrators teach, they develop an understanding of the faculty experience and are able to identify barriers to student success imposed through academic policy. This paper presents the experience of an academic administrator in the classroom and discusses important elements of academic policy illuminated through classroom instruction.

Zenk, Leslie — University of North Carolina at Charlotte

9. A Comparison of Nevada Leads and Non-Nevada Leads Graduate Student Characteristics and Outcomes in the Principal Preparation Program

This roundtable discussion will focus on a newly revised principal preparation program, Nevada Leads, and the comparison results of graduate students from the revised program to the previously existing program. Potential differences among student demographics and academic outcomes will be shared. An understanding of such differences may help determine additional program revision and evaluation needs, as well as efforts to improve graduate program recruitment, preparation, and completion.

Sanchez, Jafeth — University of Nevada, Reno

10. The Development, Evolution and Student Perceptions of an edTPA Support Team in University-Based Pre-Service Teacher Preparation

This session explores the creation and evolution of an edTPA support team comprised of university faculty and field supervisors and designed to support 180 pre-service teachers. Presenters will share the implementation process, including an outline of activities and resources and results from two years of student surveys measuring perceived effectiveness of supports. The discussion will explore how this model meets guidelines required by SCALE in a state with consequential passing scores for certification.

Heiney-Smith, Jill — Seattle Pacific University

Baliram, Nalline — Seattle Pacific University

11. The Power of Emotions in an Introductory College Course

We conducted a multi-modal study to understand the emotions that students experienced during an introductory programming course, and the reasons for experiencing those emotions. We found that students experienced both positive and negative emotions, such as frustration when they were unable to resolve errors, and pride when they attributed success to themselves. Our findings suggest how instructors could account for emotions in their teaching, to capture students' attention, foster their motivation, and promote their learning.

Atiq, Zahra — Ohio State University

Loui, Michael — Purdue University

12. Curricular Intervention: Connecting Experiential Learning to Competency Development

This presentation/roundtable will focus on on ways that faculty can help students to maximize their internships and experiential learning experiences. The author will discuss one method that seems to hold promise based on research, and session attendees will be asked to share their practices and other ideas on the topic.

Kranzow, Jeannine — Azusa Pacific University

Jacob, Stacy — Slippery Rock University

13. One Step Further: Exploring Leadership Practices in Educational Contexts

This roundtable discussion stems from my completed doctoral research and focuses on several themes related to leadership implementation in educational settings: centrality of context, foci of educational leadership, leadership tasks, and success and struggle in leading in education. The discussion aims to explore how the group participants perceive leadership and provide examples from their own experience and contexts to exemplify leadership practices in education.

Eftenaru, Cristina — Simon Fraser University

14. Inclusive Physical Education: Fully Included or Simply Inactive?

Inclusion and inclusive physical education has become prominent in the United States; however, to what extent does inclusion actually take place? Too often students with special needs are included in the general physical education setting, but simply "on the sidelines" and not actively participating. This research seeks to hear the voices of students with special needs and aims to understand what exactly happens in physical education and to what extent students with special needs are included.

Prior, Laura — University of Mississippi

Maxcy, Lane — University of Central Missouri

15. Evaluation for Placement and Support in Higher Education

Evaluation, placement, and support are important elements of student success in higher education. As a result, there are several changes that are being implemented to ensure that students are appropriately assessed, placed, and supported in higher education institutions. This roundtable discussion will facilitate scholarly discussion on the changes that are affecting student success at U.S. institutions of higher education and the policies that are driving change at others.

Austin, Sarah — United States Air Force Academy Preparatory School

Dunn, Shernette — United States Air Force Academy Preparatory School

16. Reimagining Research: Research Groups as Supportive Communities in Graduate Preparation Programs

In a graduate preparation program, a faculty supervisor and students (undergraduate, master's, doctoral) participate in a research group. The design of the group requires members to interact with, learn from, and support one another. As a result, the group becomes a collaborative space where members build community and develop research competency. This session – based on empirical research – describes the benefits of creating a community-centered research group, and offers strategies to establish similar communities.

Burt, Brian — University of Wisconsin-Madison

17. Exploring Benefits for the Cooperating Teacher Within a Co-teaching Model

This study will report on findings from a multi-case study exploring the benefits of the co-teaching model. Results of the study explore different areas of personal and professional growth for cooperating teachers.

Riddle, Derek — California State University, Stanislaus

McFarland, Jon — California State University, Stanislaus

Dean, Heather — California State University, Stanislaus

18. Designing Appropriate STEM Activities That Align to NGSS: Collaboration Is Key to the Process

The purpose of this round table discussion is for participants to observe the various phases of STEM activity development. First, the lead discussant will briefly show participants an example of a STEM related activity. Following this, the participants will then have a collaborative-type discussion intended to successfully align various NGSS components with specific parts of the activity. The overall goal of this exercise is for science educators to have an organic discussion to assist them in creating the best NGSS aligned activities for either a single activity or for a unit of activities.

Szyjka, Sebastian — Western Illinois University

Singh, Abha — Western Illinois University

19. Where Do We Go Next? Reflections from a First Time Faculty Study Abroad Experience

Two first time faculty study abroad course leads share reflections, insights, and personal and professional growth the experience engendered from 20 days on the Greek island of Ikaria with 12 undergraduate students. Insights about teaching, learning, health, and wellness were gleaned through this novel and intensive teaching experience. Both faculty will draw from journal entries and teaching reflections to share perspective with relevance for novice and experienced study abroad leads alike.

Hrncir, Shawn Marie — Arizona State University

Miller, Jordan — Arizona State University

20. #Whatistrending: Let's Talk About School Counselor Preparation and Training

School counselors in the United States are trained in counseling programs with varying credit hour requirements, faculty experiences, clinical coursework, and fieldwork expectations. With organization and policy changes occurring in the school counseling field, gaining an understanding of the structure of school counselor preparation programs can provide beneficial insights to practicing school counselors, K-12 administrators, and school counseling faculty. This roundtable will provide space for a discussion about current trends in school counselor preparation.

Grimes, Tameka — Virginia Tech University

Sowell, Shaun — Western Washington University

21. Noyce Scholar Use of Student Performance Data to Inform Instruction

The research reported on in this study focuses on the NSF Noyce Program experiences of a scholar enrolled in an MAT program at the University of Vermont. For this study, we utilize case study research methodology to address the question: How effective are Noyce scholars in utilizing student performance data to adapt and modify instruction? This case provides evidence that the students taught by a Noyce Scholar during their internship solo teaching period learned science concepts and practices in substantial ways and that the gains in student achievement were both significant and important for students learning.

Toolin, Regina — University of Vermont

22. Writing Word Problems from Hands-On Activities: A Case Study of One Teachers Math Class

Attendees will learn about the hands-on activities designed for math stations in a 5th grade classroom, as well as, how students understanding of mathematics and problem solving developed based on these activities. This research will provide a new way of implementing math stations in the classroom and how these stations can benefit math and reading literacy.

Reinsburrow, Amanda — Drexel University

23. Institutional Success through Intentional Collaborations in Enrollment Management

The field of Enrollment Management (EM) finds itself in a unique space of both challenges and opportunities. Through intentional collaborations one Hispanic Serving institution is meeting the challenges around enrollment and graduation and exceeding expectations. In this Roundtable Discussion, facilitators will engage participants in discussion around collaborative college-wide partnerships that have led to the institution exceeding enrollment expectations and increasing graduation rates.

Forde, Althea — Lehman College, City University of New York

Finger, Richard — Lehman College, City University of New York

24. Religious Characteristics as Predictors of Views Toward Global Climate Change

Data from the Pew Research Center (2019) were used to assess how various aspects of religiosity (belief in God, religiosity, spirituality) and religious affiliation are related to views towards global climate change. Additionally, the relative perceived importance of religious teachings versus scientific information in predicting views towards climate change were examined.

Smith, Thomas — Northern Illinois University

Chong, Hwa-Young — Garrett-Evangelical Theological Institute

25. Development of a Digital Game-Based Assessment with Evidence-Centered Design

Digital game-based assessments have been gaining popularity, however, the development of these assessments that balances entertainment and psychometric considerations is not an easy task. This paper presents a case study that applies the evidence-centered design for the development of an interactive game-based assessment, Party Designer. Assessment tasks are purposefully embedded and integrated in the game's design and framework to measure targeted knowledge and skill-based outcomes.

Cui, Ying — University of Alberta

26. The Impact of a Think-Aloud Workshop on Pre-Service Teachers' Metacognition

Reading and writing tasks require the use of complex, metacognitive thinking and self-regulated learning strategies. It is essential for teachers to verbalize their metacognitive thinking and self-regulation during reading and writing instruction. This study reports the metacognitive competencies of pre-service teachers after receiving metacognitive, think-aloud training and shares implications for teacher preparation programs.

Woods, Sarah — Auburn University

Cardullo, Victoria — Auburn University

27. Does Interactive Technology in K- 12 STEAM (Science, Technology, Arts, and Math) Programs make a Significant Difference?

This is a discussion of research-in-progress regarding an investigation into whether or not the use of interactive technology makes a difference in K-12 STEAM instructional programs. The research involves a comparison of two school districts one of which uses the technology; and another school district not using the interactive technology. The discussion will present initial findings and indications from the research process.

Loose, William — Azusa Pacific University

Hanshaw, George — Azusa Pacific University

28. Diabetes Prevention Program

According to the CDC, more than 1 out of 3 Americans have prediabetes, a total of 84.1 million people, and almost half (48.3%) of Americans age 65 and older have prediabetes (CDC, 2017). This discussion will focus on the role Extension professionals can play, partnering with the CDC and others to implement the National Diabetes Prevention Program (NDPP). The discussion will include how multiple state Extension systems are currently involved and ways to expand.

Morrisroe-Aman, Bridget — University of Idaho Extension

Amende, Jackie — University of Idaho Extension

29. Utilizing Disruptive Technology to Teach Communication Skills

Communication is the most important skill receiving the least focused instruction. It is being taught, if at all, as an intuitive process where students just need opportunities to 'present' in class. In our increasing reliance on technology as a conduit for communication, it needs to be taught as the skill that it is. In this session, we will explore teaching effective communication to students in the language they speak; that is, through their cell phone.

Hansen, Sara — San Diego Jewish Academy

30. Exploring the Influence of an Arts-Based Mindfulness Program on Student Behavior and Classroom Conduct in Select Urban Middle School Classrooms

Given the various models, programs and approaches schools have used to manage disruptive behavior, there is a heightened interest in exploring the use of restorative and mindfulness practices in promoting a positive school culture. This research sought to expand outcomes stemming from student exposure to arts-based mindfulness practices in urban school settings and the impact it had on improving self-efficacy, interaction with peers, and problem-solving skills.

Wilson-Flippin, Kendall — Drexel University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Hibiscus 1

Session Topic: Autism Spectrum Disorder (ASD): Facilitating the Development of Social Skills from Early Childhood to University

Session Chair: Bebko, J. M.

Parent Variables and Child Outcomes in a Social Communication Group for Parents of Preschool Children with ASD

Early intervention focusing on social development for children with Autism Spectrum Disorders (ASD) include interventions that rely on both developmental and behavioural principles. We report on a parent group based on these principles that uses social engagement, communication, imitation and social play to promote development.

Porthukaran, A. — York University

Ledenko, A. — York University

Khan, F. — York University

Bebko, J. M. — York University

Social Skills Training for Middle- and High- School Aged Adolescents with Autism Spectrum Disorder: Considering Sex Differences in the Outcomes

We examined sex differences in the outcomes of adolescents with autism who participated in a manualized social-skills program (PEERS). Our results show that adolescent girls and boys with ASD differ in their social experiences and skills, and, importantly, they may also differ in their response to a time-limited social skills intervention.

Ferland, M. — York University

Ncube, B. L. — York University

Bebko, J. M. — York University

Bardikoff, N. — Autism Ontario

Thompson, M. — Autism Ontario

Spoelstra, M. — Autism Ontario

Read, J. — Autism Ontario

Molica, S. — Autism Ontario

The Mental Health Profiles and the Benefits of Social Support for Students in the ASD Mentoring Program at York University, Canada

Students with autism are at risk for academic and personal difficulties throughout their post-secondary education, due to common co-occurring mental health issues and difficulties in social relationships and communication. We summarize data from two projects: one investigating these mental health issues and barriers for service, and one reporting on the social support experiences of students who participated in an ASD peer mentoring program providing individual and group activities.

Bebko, J. M. — York University

McMorris, C. A. — University of Calgary

Ames, M. — University of Victoria

Ncube, B. L. — York University

Shaikh, K. T. — York University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Iolani 3

Session Topic: ESL/TESL - Workshop **Session Chair:** Farrell, Thomas

Reflection-As-Action: Implementing Reflective Practice

This workshop outlines and discusses how reflective practice can be implemented in TESOL that not only focuses on the intellectual, cognitive and meta-cognitive aspects of practice that many other approaches suggest, but also the spiritual, moral and emotional non-cognitive aspects of reflection that acknowledges the inner life of teachers.

Farrell, Thomas — Brock University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Iolani 4
Session Topic: Kinesiology & Leisure Science **Session Chair:** Khatchaturian, Rubina

Applying Mindfulness Strategies When Eating

The purpose of this presentation is to discuss the application of mindfulness strategies when eating. Mindfulness will be defined and participants will have the opportunity to experience four mindfulness activities: a deep breathing exercise, a body scan exercise, a sitting meditation, and a mindful eating exercise.

Khatchaturian, Rubina — California State University, Northridge

Stillwell, Belinda Eve — California State University, Northridge

Excused from Physical Education? Excuse Me?! A Qualitative Look into Waivers, Exemptions and Substitutions in Physical Education

Despite official laws and mandates, opportunities to be “excused” from physical education is on the rise in the United States. This study investigates the rationale behind and the process of granting waivers, exemptions, and substitutions (WES) for physical education. Participants come from a Southeastern state in the United States and qualitative measures were employed. Findings provide clues as to how to combat the overwhelming increase of WESs.

Prior, Laura — University of Mississippi

The Impact of Early High-Quality Physical Education on Negative Effects Associated with Adverse Childhood Experiences

Adverse childhood experiences (ACEs), or traumatic childhood events, have been found to have long-lasting negative effects on the health and educational development of a child. Regular participation in sport, healthy amounts of physical activity and sleep have been found to foster resilience and psychological equilibrium. The current paper is intended to share new and continuing research on how high-quality physical education could be a possible tool for remediating the negative effects of ACEs.

Doig, Scott — Arkansas State University

Scudamore, Eric — Arkansas State University

Yoshimura, Naoko — Arkansas State University

Burner, Lucianne — Arkansas State University

Tatum, JeLynn — Arkansas State University

Bell, Rory — Arkansas State University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education **Session Chair:** Parikh, Chirag

PYNQ Platform from a Student’s Perspective

Software developers shy away from using FPGA due to its complicated process flow. Xilinx introduced PYNQ platform that enables engineers and programmers to develop high-level applications for FPGA without going through complex process flow. Graduate course was offered to Computer engineering and Computer science students to teach them to develop applications on PYNQ. This paper talks about the effectiveness of learning PYNQ platform from a graduate student’s perspective.

Parikh, Chirag — Grand Valley State University

Haring, Dimitri — Grand Valley State University

STEAM Teacher Education: An Experiential Curriculum of Place

The purpose of our research is to investigate how teacher candidates’ experiences in STEAM field studies with community partners can inform our work with an integrated practicum semester based on a curriculum of place.

O’Connor, Kevin — Mount Royal University

We Need Water

I will be presenting an interactive lecture alongside a PowerPoint Exhibition. Participants will be encouraged to listen and interact with the lecture and PowerPoint slide show.

Mershon, April — Human Hydration, LLC

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Smith, Stella

Diverse Faculty: Building Resilience Through Counternarrative

The purpose of this session is to stimulate discussions among members of the broader higher education community about the importance of professional identity and its implications for the success of diverse faculty in predominantly White institutions. Additionally the synergy created by the powerful personal counter narratives provides essential information for those who seek to understand how diverse faculty successfully integrate their personal and professional selves.

Smith, Stella — Prairie View A&M University

Bonner II, Fred — Prairie View A&M University

Agnello, Mary Frances — Akita International University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Kahili 1
Session Topic: Business Education **Session Chair:** Franci, Thomas

Business Schools Should Embrace Small Business Accounting Software

A small business accounting system should be embedded in every university and community college degree program instead of delving into large-scale ERP systems. Rather than force the student to take classes in software that requires multiple semesters and one that they'll never use, the basics of Accounting Information Systems should be taught.

Franci, Thomas — National University

Ellis, Joyce — National University

“Hub and Spoke” as Utilized in Graduate Accounting Education

This paper is focused upon continuous improvement in educational content delivery with respect to our graduate accounting program and how we might convert our delivery methodology in our traditional face to face courses into a methodology that might be a better fit for a more outcome-based environment. We will engage Hugus and Tkatchov's (2017) system of exploring outcomes in a way that integrates well with our adult learning students and our veteran student history.

Parkman, Russell — National University

Academic Business Scholarships for Higher Education in a Developing Country Context: Expectations and Outcomes for Development

The presentation will provide an overview of the research project. A discussion of the findings and outcomes of the project will be provided to obtain feedback and comments about the research.

Chan, Siu — National University of Samoa

Sofara, Fesola'i Toleafoa Aleni — National University of Samoa

Using Sentiment Analysis to Analyze the Feedback of Students with Open-ended Questions of Course Evaluation

Unlike the previous researches, which were focused on the quantitative analysis of lecture evaluation, this study aims to analyze the opinions of students expressed in the content of descriptive evaluation text with positive, neutral, negative opinions or polarity and to examine students' perceptions about the whole lecture more directly and comprehensively.

Eum, Seongwon — Busan University of Foreign Studies

Kumar, Srijan — Busan University of Foreign Studies

Leem, Byunghak — Busan University of Foreign Studies

Kang, Hyunju — Honam University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Kahili 2
Session Topic: STEM Education **Session Chair:** LaMeres, Brock

Let's Think about Social Responsibility in Engineering

This presentation will discuss an on-going investigation on whether intentional classroom activities that make engineering students think about the importance of social responsibility in design, can increase their perception about the engineering profession as one that holds social responsibility paramount. The classroom activities include short video production assignments where students describe the role of engineering in society in their own words and reflect on why it important for engineers to maintain social responsibility.

LaMeres, Brock — Montana State University

Smith, Jessi — University of Colorado, Colorado Springs

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Lehua
Session Topic: Adult Education **Session Chair:** Davis, Elizabeth

Providing Relationship Education through Experiential Date Nights: Comparing Urban vs. Rural Outcomes

Offering experience-focused date nights has increased attendance in relationship education for couples in both urban and rural communities. Date nights consisted of relationship education based on activities that appealed to both men and women. Outcomes from 24 date nights (N = 367) offered in two western communities (one urban, one rural), indicate date night activities significantly improved knowledge of relationship skills. Evaluations demonstrated both men and women found the activities to be valuable.

Davis, Elizabeth — Utah State University
Brower, Naomi — Utah State University
Schramm, David — Utah State University

Study of "Elder Daily Education Service" for Improving Elder QOL Based on Behavior of Elderly

In Japan, elderly care services are expanding as the population ages. Caused by current care services focus on emergency assistance, we cannot expect improving the QOL (quality of life) during normal times. In this study, we propose a "elder daily education service" that improvement the QOL based on the behavior of the elderly by building a system to analyze the behavior of the elderly and making continuous analysis.

Sano, Yoshiki — Kanagawa Institute of Technology
Sugimura, Hiroshi — Kanagawa Institute of Technology
Isshiki, Masao — Kanagawa Institute of Technology

Effective Innovations for Engaging Students in Capstone Projects Focused on Community Benefits

Challenges of engaging students in research content to achieve successful learning outcomes are well known. This presentation will build on 6 years of an ongoing study of creative innovations student led, agency centric evaluation projects achieves better student learning outcomes as well as meaningful community agency benefits through a series of innovative teaching approaches. Attendees of this presentation will learn about important factors to consider, effective teaching strategies, and results of student data collected.

Retrum, Jessica — Metropolitan State University of Denver
Schafer, Shaun — Metropolitan State University of Denver

Reproducing Cultural Capital through Extracurricular Activities in a Culinary Program

Using participant observation and in-depth interviews, this paper investigates how culinary training programs encourage students to participate in extracurricular activities as part of their occupational socialization. Students participated in clubs and professional organizations, informal and formal competitions, and worked under their chef instructors off campus. We examine the type of activities available to culinary students, the potential benefits of extracurricular engagement, and barriers to engagement through the lenses of cultural capital and social class.

Puentes, Jennifer — Eastern Oregon University
Gougherty, Matthew — Whitman College

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education - Panel **Session Chair:** Wildcat, Brian

Maskwacis Education Schools Commission

Maskwacis Education Schools Commission (MESC) was developed based on Maskwacis Cree values and focused on the needs of students. MESC offers Indigenized curriculum, by embedding Cree culture, language, and traditions into 11 Maskwacis schools with emphasis on Wâhkôhtowin, Nehiyawewin, Nehiyaw Pimâtisôwin, and Îyiniw Mâmitonehikan. MESC is owned & operated by Ermineskin Cree Nation, Louis Bull Tribe, Montana First Nation and Samson Cree Nation in the Treaty No. 6 Territory in Alberta, Canada.

Wildcat, Brian — Maskwacis Education Schools Commission
Bruno, Shauna — Maskwacis Education Schools Commission
Nepoose, John — Maskwacis Education Schools Commission

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership - Workshop **Session Chair:** Thompson, Marilyn

Ethical Leadership: Why Should We Care About Ethical Behavior?

Today's leaders cope with many ambiguities within the workplace, competing priorities, and government regulation. Education professionals exhibit values and ethics in their style and actions every single day, in every decision. How do we know what is the 'right' decision? This interactive workshop will view those actions through an ethical lens and offer ideas, insights and suggestions of how any education leader, in any position and function, can create a decision-making framework against which decisions can be formulated.

Thompson, Marilyn — University of Waterloo

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 1

Session Topic: Teacher Education **Session Chair:** James, Hannah

Astronomy in the Elementary Classroom (through the NASA/IPAC Teacher Archive Research Program)

Wartburg College was selected to be a part of the 2019 NASA/ IPAC Teacher Archive Research Program (NITARP) team. The science goal of this research was to identify young stellar objects (YSOs) within M8 Lagoon Nebula. Three pre-service teachers and a professor took their NITARP experiences and created an active astronomy curriculum that was implemented into a various elementary classrooms by Wartburg College pre-service teachers.

James, Hannah — Wartburg College

Vander Wilt, Johanna — Wartburg College

Wiley, Jennifer — Wartburg College

Bechtel, Michael — Wartburg College

Evaluating Teacher Preparation Programs: A Case Study for CAEP Accreditation

In this case study, we examined empirical data from a broad set of measures with the intention to provide a systematic evaluation of the quality of our teacher preparation program(TPP). We discovered the strength and weakness of our TPP based on the feedback from mentor teachers, our graduates, and school principals. We also provided two valuable directions for TPP improvement.

Xu, Tingting — Stephen F Austin State University

Husbun, Tracey — Stephen F Austin State University

Teacher Education for Geospatial Technology: Guideline for Using R

My paper aims to promote the educative role for using geospatial technology especially a new approach called “spatial data analysis with R.” This R approach will be taught for undergraduate and graduate students and researches through other geographical educators. They can take using R in doing geospatial research further.

Jantakat, Yaowaret — Rajamangala University of Technology Isan

Juntakut, Pongpun — Chulachomklao Royal Military Academy

Makerspace in K-12 Classrooms

Makerspace is a designated area where students learn, share, collaborate, and create something with the resources provided. Makerspace allow students to take ownership of their learning and inspire creativity by providing them a learning environment that foster enthusiasm for learning and boost student confidence. In this session the presenter will provide some examples and focus on to use makerspace in K-12 classrooms.

Kaur, Daljit — Francis Marion University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 2

Session Topic: Academic Advising and Counseling **Session Chair:** Hardy, Bruce

Social Media, Children and Schools; It Was the Best of Times. It Was the Worst of Times.

We are in the middle of a communications revolution. People can be in touch with one another 24/7 and no single question needs to go unanswered. This sounds like a wonderful evolution in how we communicate and in education. And yet we are concerned and fearful about this evolution and its impact on children.

Hardy, Bruce — City University of Seattle

Coaching in the Classroom: Incorporating Academic Coaching in a Student Success Seminar

Freshman and sophomore student success seminars provide an excellent opportunity to incorporate academic coaching practice into the classroom. With weekly touchpoints, instructors can help students create personalized plans for major and career exploration, campus engagement, and academic achievement. Sample class curriculum will be shared along with strategies to facilitate group coaching conversations.

Harjati, Leilani — University of Hawai‘i at Mānoa

Sibonga, Shauna — University of Hawai‘i at Mānoa

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 3

Session Topic: Educational Administration - Panel **Session Chair:** Willis, Madge Gill

Countering the Effects of Institutionalized White Racism in the US Schools: Culturally Responsive Teaching & Culturally Responsive Leadership

In this presentation, the authors will describe the concepts of institutionalized white racism (IWR), culturally responsive teaching (CRT) and culturally responsive leadership (CRL), providing definitions, illustrations, and a summary of their development within the literature. Next, the authors will discuss how CRT and CRL can be used to bring about positive outcomes for African American students -- and other marginalized students -- in the face of IWR.

Willis, Madge Gill — Ujima Associates

Lomotey, Kofi — Western Carolina University

Colon, Alan — Dillard University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 4
Session Topic: Educational Technology **Session Chair:** Umezawa, Katsuyuki

Research and Development Plan of Language-Learning Self-Study System that can Detect Learners' Conditions over Time and Space

This research aims to develop a self-study system equipped with an artificial teacher who gives advice to students by detecting the learners and to evaluate language learning in a unified framework. We will conduct analysis from different viewpoints of language learning, such as learning English and programming languages, which have been treated separately up to now. In doing so, we will aim to dramatically improve the accuracy of analysis of learning conditions.

Umezawa, Katsuyuki — Shonan Institute of Technology

Nakazawa, Makoto — Junior College of Aizu

Kobayashi, Manabu — Waseda University

Ishii, Yutaka — Chiba University

Nakano, Michiko — Waseda University

Hirasawa, Shigeichi — Waseda University

The Effect of Digital Game Play on the Development of 21st Century Skills

The purpose of this presentation is to describe the results of a research study that examined the effects of informal digital game play on the development of 21st century skills among Japanese university students. This session will be beneficial to educators and researchers who would like to bridge students' informal technology usage to the formal classroom in the hopes of increasing creativity, critical thinking, communication, and collaboration in educational environments.

Mills, Daniel — Ritsumeikan University

Supporting the Development Middle Grade Learners' Spatial Skills with Minecraft

This presentation will share findings from a two-year investigation on the use of the Minecraft gaming platform to support the development of fourth through seventh graders spatial skills. The ability to make spatial judgements and visualize has been shown to be a strong indicator of students' future success in STEM. Data collection and analysis is currently underway, but preliminary findings indicate significant positive change in students' mental rotation spatial skills following the completion of the intervention.

Lux, Nicholas — Montana State University

Frank, Barrett — Montana State University

Hughes, Bryce — Montana State University

LaMeres, Brock — Montana State University

Willoughby, Shannon — Montana State University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Yates, III, Lucian

The Relationship Between Selected Demographic Variables and Graduate Students' Sense of Academic Entitlement

This presentation seeks describes how the academic entitlement of graduate students at a large Historically Black University related to certain selected demographic variables.

Yates, III, Lucian — Kentucky State University

Cleveland, Roger — Kentucky State University

Emanuel, Stashia — Kentucky State University

Freeman, Pamela — Prairie View A&M University

The Social Brain: Lessons from the Development and Delivery of PD Online in Educational Neuroscience at a University

We present lessons from the design and delivery of the online PD module in Educational Neuroscience, The Social Brain. From our evaluative insights, we add to the critique of current conceptual understandings of 'flexible' courseware by analyzing and discussing the comments by educators enrolled in the module. We argue that e-learning technology and widespread availability of high-quality learning materials enables the development of PD that can be liberating for both instructors and learners.

Teghe, Daniel — Central Queensland University

Purnell, Ken — Central Queensland University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Cesar, Alicia Lawson

How to Keep Students Coming?

National data and recent literature shows an increase in first- generation college students (FGCS) attending college. However, institution continue to struggle with addressing the complex needs of this population. Not understanding that FGCS can be detrimental to their academic success. This interactive workshop will provide attendees with holistic resources that will enhance academic success and retention that fosters a sense of belonging to use at their respective institutions.

Cesar, Alicia Lawson — York College/CUNY

Hernandez, Miosotys — York College/CUNY

Mayungbo, Ojuolape — York College/CUNY

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Workshop **Session Chair:** Tours, Sara

Effective International Student Experiences: Implementing Programs

This hands-on workshop will examine international programs as a High Impact Practice within the contexts of an Honors college and a College of Education. Presenters will explain the development of a number of Slippery Rock University's international experiential learning programs and will conclude with how to prepare students for meaningful study abroad experiences.

Tours, Sara — Slippery Rock University

Lynch, Jeremy — Slippery Rock University

Hilton, Jason — Slippery Rock University

Time: 11:30 AM - 1:00 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** McDowell, Erika

Addressing Teachers Vulnerable Points in Discipline through Equitable Practices

This presentation will explore how teacher's vulnerable decision points impact their experiences with the discipline process. It will also discuss an intervention for lowering the effects of implicit bias on racial disproportionality in providing guidance towards making discipline responses unbiased in situations that are ambiguous or hurried. The workshop will help participants understand, describe, and apply the terms of implicit bias and equity. The role of disproportionality in school discipline will also be examined.

McDowell, Erika — Drexel University

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development - Workshop **Session Chair:** McManus, Patrick

Using Music As a Teaching Tool to Teach Social Emotional Learning (SEL)

Music and the arts have been known to improve retention of topics and knowledge, and Social Emotional Learning (SEL) is the foundation for academic achievement. Using music and whiteboard animation to teach makes it easier for students to gain knowledge on topics such as empathy, self-management, self-awareness, social awareness, relationship skills, and responsible decision making and implement those skills into their own lives. These are the skills needed for students to achieve their goals and be successful.

McManus, Patrick — Rock In Prevention

Jensen, Christina — Rock In Prevention

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Iolani 3
Session Topic: ESL/TESL **Session Chair:** Wiegand, Andreas

Findings from the Hawaii K-12 Asian American and Pacific Islanders (AAPI) Data Disaggregation Grant

The federal Asian American and Pacific Islanders (AAPI) Data Disaggregation Grant is intended to improve Hawaii's K-12 data collection and analysis systems and to identify instructional best practices to improve educational outcomes for EL and AAPI students who may perform below average on statewide academic assessments and high school graduation rate. The status of Hawaii's AAPI project objectives as well as the challenges and successes will be shared.

Wiegand, Andreas — Hawaii Department of Education

Harvey, Lauren — Hawaii Department of Education

Demystifying English Syntax: Three Stages in Teaching Clause Elements

The paper demonstrates how simple visuals can help aspiring ESL/EFL teachers and their future students understand the challenging aspects of English syntax, more specifically, clause elements. The three instruction stages discussed in the paper are a) emphasizing the difference between parts of speech and clause elements, b) visualizing clause elements, and c) consolidation activities. The key to the effective teaching of clause elements lies in using visuals in all the three stages of instruction.

Pavlov, Vladimir — University of Wisconsin-River Falls

Stetsenko, Elena — University of Minnesota

English Language Teacher Candidates' Feedback Giving Practice on Students' Writing

The presenter will share the initial findings of the research she recently conducted about the content and format of the feedback that teacher candidates give on English learning students' writing. The presentation will then discuss how the focus of the teacher candidates' feedback shifts after their instructor's mediation. The presenter will conclude the presentation by making suggestions on future practice.

Min, Emmy — University of Southern California

English Achievement in CLIL Science Classes in Japanese Upper Secondary School: Focusing on the Increase of Procedural Knowledge

The purpose of this research project was to investigate the extent that science classes conducted using CLIL in Japanese upper senior high schools affected the students' increase of procedural knowledge regarding L2 (English) achievement. The authors conducted a CLIL science lesson on heat transfer in which the students developed their hypothesis and collaboratively conduct an experiment by using the first and third conditional sentences.

Kobayashi, Yumiko — Imamiya Upper Secondary School

Kobayashi, Yusuke — Osaka International Takii Upper Secondary School

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Jennings, Christopher

Significance of a Pause with Fake News

This workshop presents mindfulness, mediation and a simple pause for helping to identify fake news and foster critical thinking skills for students. Developing critical thinking skills takes practice. Cultivating mindfulness and meditation takes practice. The steps and skills needed to do both can be similar in nature and application. Learn how to combine both so that students can mindfully think critically when evaluating the source of information.
Jennings, Christopher — Metropolitan State University of Denver

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Panel **Session Chair:** Bailey, Lilia

Conversations Beyond the Glass Ceiling: Leadership for Minorities in Healthcare

This presentation enters dialogue aimed at a productive discussion of the reoccurring obstacles experienced by underrepresented groups to obtain and maintain leadership roles in the healthcare industry. In-depth interviews were conducted as qualitative research to ensure data was carefully collected for optional results. A total of fifteen underrepresented candidates in leadership positions were interviewed, as a result, identifying obstacles are vital for minorities to successfully enter into and sustain leadership roles in the healthcare industry.

Bailey, Lilia — Pepperdine University
Dieng, Nefferitti — Pepperdine University
Curry-Roberts, April — Pepperdine University
Linares, Carlos — Pepperdine University
Vanhook, Kevin — Pepperdine University

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Kahili 1
Session Topic: Education Policy and Leadership **Session Chair:** Sosina, Victoria

Threat and Punishment: Racial Context and School Discipline Disparities

This paper asks how racial context is related to disparities in discipline rates for Black and Latinx students across the nation. I use national data on school discipline rates by race and gender from the Civil Rights Data Collection administered by the Office of Civil Rights for the 2013-14 school year. Preliminary results point to a significant relationship between symbolic and economic threat and ethno-racial gaps in out-of-school suspensions.
Sosina, Victoria — Stanford University

Engagement of Students with Disabilities: Examining Future Organizational eLeaders

The research study aims to explore college/university use of technology to support the engagement of students with disabilities. The findings forthcoming in this research paper defines disability as a mental or physical condition causing limitation to one or more major life activities, such as communication, learning, or mobility, and will include only students who have self identified to their postsecondary education institution as having a disability.

De Toro, Alicia — De Anza College
Petty, Jonathan — Independent Scholar
Lovelace, Kevin — Sacramento State University
Dantu, Ramakrishna — Sacramento State University

Implications for Secondary School Leaders Seeking to Enhance Parent Involvement

Secondary school leaders are continually re-examining ways to sustain engagement with parents and guardians amidst the inundation of technology. This study gathered recommendations from parents and guardians of high school students in central Alberta, Canada; data was cross-referenced with the current Leadership Quality Standard in Alberta, then coupled with supporting recommendations for secondary school leaders to include: the development of staff relationships and partnerships with parents; enhanced types and modalities of communication with parents; and the mitigated levels of academic limitations among parents.

Lal, Rita — University of Lethbridge
Mombourquette, Carmen — University of Lethbridge
Adams, Pamela — University of Lethbridge

Students' Language Use in Argumentation: A Case for Non-Formal Assessment in Mathematics

This interdisciplinary approach examined primary school students' reasoning, by describing a formative assessment task involving four students who shared their approaches and justifications to an open-ended mathematics task of building towers with multi-colored cubes. Students developed and extended mathematical reasoning by sharing varied approaches and semiotic representations, including the mathematical register. Students demonstrated thoughtful arguments in questioning and justifying solutions posed. Students' mathematical understandings and how they used language to represent those understandings were revealed.

Wilkinson, Louise — Syracuse University

Maher, Carolyn — Rutgers University

Bailey, Alison — University of California Los Angeles

The Challenges Teachers Face Effectively Implementing Science, Technology, Engineering, and Mathematics (STEM) Curricula: An Evaluation Study

The purpose of this evaluation study was to understand the challenges teachers face effectively implementing STEM curricula at Eastfield STEM Academy. The qualitative methods used were observations, document analysis, and interviews to examine the teachers' knowledge, skills and motivation for effectively implementing the STEM curricula. The findings showed that teachers understood and effectively implemented the STEM curricula, know the strategies for implementation, understood the challenges for effective implementation, and were motivated by the outcomes.

Austin, Sandra Johnson — Charis Consulting Group LLC

Pre-Service Teachers: Community STEM-PBL and Intersections with Deep Learning

The presentation will focus on engaging urban students in authentic experiences in STEM. The pre-service teachers are intentional about integrating community connections into the project-based learning units. Further we use deep learning as defined by Linda Darling Hammond to frame the meaning of community PBL.

Nava, Imelda — University of California Los Angeles

Park, Jaime — University of California Los Angeles

Play It Safe: Playground Injury Prevention

Did you know the National Playground Safety Institute says every year more than 200,000 children are treated in emergency departments because of injuries that took place on playgrounds. If you are an elementary school leader or want to learn more about playground safety, this paper presentation will provide recommendations for playground injury prevention. Participants will receive information on playground guidelines and standards, information about the Americans with Disabilities Act, adopting a maintenance policy and more.

Craig III, Silas Charles — City of Raleigh NC

The Current State of Homeschooling in Japan

Homeschooling may be gaining traction in Japan. This presentation will first define the homeschooling and various similar terms, such as free schooling, unschooling, avoiding school, and refusing school. Next, the laws and regulations in regard to education will be discussed. Various case studies will illustrate the types of students and the reasons given for choosing homeschooling. To wrap up, a summary of the homeschooling educational methodologies and techniques will be given.

Harrison, Jonathan — Nihon University

Everything Black is NOT bad!: Families and Teachers Engaging in Critical Discussions around #BlackLivesMatter

The purpose of this presentation is to present research findings from a qualitative case study of five families participating in a critical literacy family workshop devoted to examining the intersections of the #Blacklivesmatter movement, race, and racism with fifth graders. The presenters will provide findings from the participants' discussions and reflections. Discussion and implications for research and practice will be provided. Presenters will also leave with a list of social-justice oriented children's literature.

Braden, Eliza — University of South Carolina

Rodriguez, Sanjuana — Kennesaw State University

Myers, Michele — University of South Carolina

Jackson, Margo — University of South Carolina

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 1
Session Topic: Educational Measurement and Evaluation **Session Chair:** Tejawani, Jaclyn

Evaluating Teacher Residencies: A Promising Framework, Lessons Learned and Key Strategies

Drawing upon experience from a variety of teacher residency program evaluations, the presenters will offer an evaluation framework and describe the challenges, lessons learned, and key strategies when evaluating a teacher residency program. This session is relevant to internal teacher residency program staff and external evaluators as the focus will be on gathering and using data for improvement.

Tejawani, Jaclyn — WestEd Inc.

Pedroza, Valentin — WestEd Inc.

New Directions in Assessment of a High-Stakes Promotion System

This paper session will focus on the following issues in assessment: New Directions in the Navy Promotion System; Design and Development of a Prototype Exam for Personnel Specialists; Formative Evaluation of the Personnel Specialists Promotion Exam.

Watson, Stephen — Naval Education and Training Command

Baker, Eva — University of California Los Angeles/CRESST

O'Neil, Harold — University of Southern California

Does Instructor Appearance Affect Student Learning and Perceptions?

This study investigates data from four classes of second-year economics students at a private university in Osaka, Japan. We compared the two student's categories; the control group was taught by the instructor dressed in professional attire, while the comparison group was taught by the instructor dressed casually. The results suggest that students in the economics department are more satisfied with the lectures of teachers in professional attire than those of teachers in business casual attire.

Yoshida, Keiko — Momoyama Gakuin University

An Examination of Charlotte-Mecklenburg and Richmond City Public Schools

A student's geographic location should not be a predictor of their academic outcomes, or access to resources that ensure an equitable and quality education. This case study uses the method of secondary data analysis to evaluate Charlotte-Mecklenburg and Richmond City Public Schools. The research pose the question, "What are the causes and consequences of the success and failure of two school districts in the southeast?"

Smith, RaQuaam — University of North Carolina at Charlotte

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 2
Session Topic: Early Childhood Education - Workshop **Session Chair:** Torres-Crespo, Marisel

Kids and Tech: Innovation and Development Through iPad Interactions

As part of this workshop, participants will understand that the use of a tablet, in this case, an iPad, could be a positive experience in the early childhood settings. The author of this paper designed a one week summer camp for preschoolers in which, through different activities, children interacted with an iPad in an educational way. The one week summer camp demonstrated that through an iPad the teacher was able to incorporate all the four domains of development: cognitive, language, physical and socioemotional into her lesson plans.

Torres-Crespo, Marisel — Hood College

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 1
Session Topic: Higher Education **Session Chair:** Noll, Gary

Using Film to Teach Leadership Topics in an Online Asynchronous Environment

This research project examines whether the use of film is an effective method for teaching leadership topics in online emergency services courses. This phenomenological study will include face-to-face interviews with 10-12 students taking 2 courses that use full-length films or film clips to teach leadership topics. Participant experiences will be investigated relating to their understanding of how the use of film increases their knowledge base of topics in emergency services leadership.

Noll, Gary — Utah Valley University

Maxfield, R. Jeffery — Utah Valley University

Closing the Loop with Learning Outcomes: A Case Study at a Large Research University

Most U.S. colleges and universities are being asked to: 1) publish expected learning outcomes for each of their programs, 2) provide evidence that the expected learning outcomes are realized by students, and 3) demonstrate how such data collection and analyses leads to continuous improvement of student learning, the curriculum, and the university. This presentation illustrates ongoing efforts by a large research university to systematically close the loop with learning outcomes.

Olsen, Danny — Brigham Young University

McClendon, Richard — Brigham Young University

Assessing Study Abroad Relationship with Perceived Global Competence Levels of Undergraduate Business Students

The presentation is about a specific type of assessment of perceived global competence levels and participation in study abroad experiences of business undergraduate students. Special attention will be paid to an area of personal development: cognitive, intrapersonal, and interpersonal in a multicultural environment using six global competence scales. Further, Global Perspective Inventory (GPI) instrument will be discussed in relation to data collection and analysis

Ozkul, Pavla — University of South Florida

Ozkul, Seckin — University of South Florida

Shutting Down an Unsustainable Outreach Program

The University of Virginia (UVA) is currently transitioning what has been a highly impactful outreach program providing over 5,000 scholarships to learners in Africa. This program has not been sustainable, relying on volunteers to run and support the program for three years. The program is transitioning to a new office with university partners rather than third-party nonprofit organizations.

Palmer, Kristin — University of Virginia

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 2
Session Topic: Counselor Education - Panel **Session Chair:** Bragg, Jedediah

Implementing a Graduate Level Course for Counseling Students on Sexual and Gender Minority Populations

Sexual and gender minority populations face heightened levels of discrimination, systemic oppression, trauma, and deleterious impacts on overall well-being. With that, it is imperative counselors are trained on the needs of the community and not only how to interact with the community but also to interact in an affirming way. This presentation outlines the need for and design of specialized courses along with the initial effects of teaching said course in a graduate counseling program.

Bragg, Jedediah — University of Oklahoma–Tulsa

Nay, Eden — University of Oklahoma–Tulsa and Oklahoma State University

Miller-Cribbs, Julie — University of Oklahoma–Tulsa

Munoz, Ricky — University of Oklahoma–Tulsa

Howell, Daniel — University of Oklahoma

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 3
Session Topic: Health Education **Session Chair:** Leahy, Izabela

Pediatric Anesthesia Clinical and Research Internship: Learning Through Experience

The purpose of this presentation is to demonstrate the application of Experiential Learning Theory to design an internship program for pre-med students that allows for the extension of classroom learning and promotes the application of their knowledge and skills in a real- world clinical setting before applying to medical programs.

Leahy, Izabela — Boston Children's Hospital/ Harvard Medical School

Baier, Amanda — Boston Children's Hospital/ Harvard Medical School

Knowledge, Behavior, and Attitudes of College Students Regarding HIV/AIDS

The purpose of this interpretative phenomenological analysis was to investigate college students' knowledge, behaviors, and attitudes regarding HIV/AIDS. This qualitative study aimed to explore why students who had HIV/AIDS knowledge continued to participate in risky sexual behaviors, and the factors that were influencing them to do so. The theoretical framework of the Health Belief Model (HBM) aided in the exploration of college students' rationales for sexual risk-taking and perceptions of HIV infection.

Harris, Jessica Maureen — SUNY Oswego

Te Hihimā and Te Wheke; Ancient Philosophies to Support a Nursing Curriculum

This presentation will discuss the context and history of the development of Te Hihimā (the cloak), an innovative nursing curriculum underpinned by the alignment of the indigenous model of health and wellbeing, Te Wheke (octopus), with the established nursing metaparadigm; the journey to embedding Te Hihimā; the commissioning of, and the obtaining of a tangible representation of the philosophy.

Lyford, Shirley — Toi Ohomai Institute of Technology

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 4
Session Topic: Early Childhood Education **Session Chair:** Hasbun, Tracey

Ethnographic Inquiry of an Early Childhood Research Center: Exploring Caregiver Guidance in Language and Literacy within Two Toddler Classrooms

In this emergent qualitative study, an ethnographic research design was used to explore caregivers' guidance in language and literacy within two toddler classrooms at one university's nationally accredited early childhood center. From observational data collected over eight months, themes emerged including several strategies used for promoting language and literacy development in toddlers as well as areas for improvement in language interaction between caregivers and children.

Hasbun, Tracey — Stephen F Austin State University

Xu, Tingting — Stephen F Austin State University

The Impact of Linked Classes on Student Achievement in a Teacher Preparation Program

This paper explores the challenges of revising interdisciplinary curricula to prepare 1st year community college students for their first early field experience in an early childhood education program. The paper highlights lessons learned from the instructor's first semester teaching the social science course while partnered with a more experienced instructor teaching the math and science course.

Clark, Lisa — City University of New York – Kingsborough Community College

Frawley, Barbara — City University of New York – Kingsborough Community College

Early Childhood Teacher Preparation: A Look at First and Second Year Teacher's Perspectives on their Preparation to Teach Children with Special Needs

This presentation/paper will discuss the findings from a research study that looked at the preparation of first and second year early childhood teachers to work with children with special needs. The paper discusses in detail the views of six participants that were teaching in the California school system, both public and private. Researcher will also discuss how these participants preparation compares to current preparation practices throughout the state of California as prescribed by the California Commission on Teacher Credentialing.

Murray, Marybeth — California State Polytechnic University, Pomona

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Axe, Jo

Engaging a University Community in Creating a Transformational Student Learning Experience

This presentation examines how an institutional learning, teaching and research model is being enacted and discuss how the attributes of the model are applied to learning, teaching and research across RRU to create a transformational student learning experience. Initial themes emerging from the data analysis will be shared and implications will be discussed.

Axe, Jo — Royal Roads University

Childs, Elizabeth — Royal Roads University

Harris, Brigitte — Royal Roads University

Student Perceptions of Program Learning Outcome Acquisition: The Role of the Teaching and Learning Context in a Canadian Honours Health Science Undergraduate Program

We report on a mixed-methods study exploring the relationship between student perceptions of the teaching and learning context and student-reported program learning outcome (PLO) acquisition. Data were collected through an online questionnaire among undergraduate health science students majoring in the Health & Society honours program. A number of teaching and learning and demographic factors were correlated with a positive perception of PLO acquisition. These findings have implications for curriculum redesign and program improvement.

Aparicio-Ting, Fabiola — University of Calgary

Dyjur, Patti — University of Calgary

Developing the Heart and Mind of Leadership through International Partnerships

A K-12/university partnership between Western Washington University and the Langley (British Columbia) School District is providing a pipeline of leadership talent. The university and the school district jointly identify and prepare future administrators who will engage both their hearts and minds to meet the needs of their students, families, and communities. Highlights include: ·Comparison of British Columbia Principals and Vice Principals Association and US National Leadership Preparation Program (NELP) Standards. ·Empowering the heart and mind of leaders through district and university frameworks.

Aller, Warren — Western Washington University

Bradford, Woody — Langley (British Columbia) School District

Bruce, Tim — Western Washington University

Hunter, Joseph — Western Washington University

Lainchbury, Lisa — Langley (British Columbia) School District

Larsen, Don — Western Washington University

Robertson, Wayne — Western Washington University

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Cheney, Ann

Healthy Classroom Pedagogy in Higher Education

This workshop will present on a works-in-progress project on the integration of healthy classroom pedagogy into settings of higher education and will engage audience members in discussions of future research on this topic.

Cheney, Ann — University of California Riverside

Chobdee, Julie — University of California Riverside

Torres, Marisol — University of California Riverside

Nieri, Tanya — University of California Riverside

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Panel **Session Chair:** Shingles, Stan

Enhancing Career Readiness Through Experiential Learning: A Case Study of Classrooms-As-Sport Organization, Clinical Sites as Competency Development, and Para-Professional Experiences as Laboratories for Experiential Learning

In this presentation, we go beyond theory and link Career Readiness Competencies to best practices in sport management using the Classroom-as-Organization (CAO), and athletic training education (CAATE) clinical requirements in building these competencies. We will also examine how employment in collegiate recreation supports the development of these competencies.

Shingles, Stan — Central Michigan University

Mumford, Vincent — Central Michigan University

Shingles, Rene — Central Michigan University

Time: 1:15 - 2:45 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 4
Session Topic: Higher Education - Workshop **Session Chair:** Bolster, Jeff

Ready to Get Past Arm Wrestling? Considering the Tenets of “Self, Theory & Others” as an Effective and Integrated Approach to Implementing Student Services, Programs and Activities

This session will offer a framework of “self, theory and others” for evaluating and considering college and university student services programs. Too often policy and decision makers get bogged down in opinion wars, creating a bureaucratic slow down that leaves our students without important support and opportunities. By considering the three tenets of “self, theory and others” we can find holistic, effective and efficient programs to be implemented on behalf of our students.
Bolster, Jeff — Point Loma Nazarene University

Poster Session

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Coral III

Self-Determination, Self-Advocacy and Supported Decision-Making for Youth and Young Adults with Disabilities: A Conceptual Model and Strategies that Promote Autonomy

A conceptual model and evidence-based practices will be shared that extend transition planning by addressing self-determination, self-advocacy, supported decision-making and other guardianship ALTERNATIVES specific to youth and adults who have disabilities and who may be at risk of losing civil and legal rights when their decision-making capacity and ability to live autonomously are questioned. Guardianship and adult guardianship alternatives are life-span issues.
Millar, Dorothy Squatrito — Saginaw Valley State University

Relationship Between Language Function and Anxiety in High School Students

A small study to explore the potential relationship between a students’ language function, as a representation of their thinking, and perceived anxiety. The educational purpose of the study is to correlate the neuroscience of anxiety with the educational intervention for anxiety.
Blake, Katelyn — University of Portland

Impact of High Quality Preschool on Young Children's Social Emotional Skills: Evidence from The Opportunity Project (TOP Early Learning Center)

The purpose of this study was to examine the impact high quality early childhood education has on the social emotional skills of young children living in poverty. Data from a longitudinal study with over 800 children will be shared.
McDowell, Kimberly — Wichita State University

Using the AoS (Anatomy of a Strategy) Framework to Increase Evidence-based Strategies in Lessons for Students with Disabilities

This poster presentation will provide information regarding an innovative method the AoS (Anatomy of a Strategy) Framework for supporting teachers in the selection of evidence-based practices and strategies for students with disabilities. Emphases will be placed on the analyzing the components/criteria (e.g., student data, content area, phases of learning, supporting research, lesson component) of the selection process and where said practice would be implemented in the course of consistent lesson planning and instructional delivery for students with (and without) disabilities.

Juniel, Pamela — Central Washington University
Ringer, Joanne — Touro University Nevada

Research Trends of Augmented Reality in Language Learning

This paper aims to investigate research trends of AR in language learning and identify the vision of AR as there is still a need for more insights about the affordances that AR enables to the field of language learning.

Lee, Jeongmin — Ewha Womans University
Kubra, Altun — Ewha Womans University

Preferable Liberal Arts English Test Format for Japanese University Students: A Case Study from a Japanese Local National University

This study aims to report Japanese university students’ test performances under different computer-based English test formats. The participants prefer paper-pencil style tests over computer-based tests, because their keyboarding skills, and other computer literacy, are limited. To elicit students’ performances sufficiently, test developers need to consider test takers’ keyboarding skills, and teachers are recommended to help introduce students to computer-based testing, using weekly quizzes or other activities.

Yokouchi, Yuichiro — Hirosaki University

Pseudo Natural Language Programming Environment for College Education

This paper proposes a multi-lingual pseudo natural language programming for college education, so as to introduce basics of computer science and support to develop applications. We develop our prototype system on Raspberry Pi, as translators from source codes into Python codes, which aims for the programming style to imitate Python.

Maeda, Toshiyuki — Hannan University
Yajima, Masumi — Meikai University
Wakatani, Akiyoshi — Konan University

A Metacognitive Analysis of Students’ Reflection on Their English Demonstration Classes

This presentation will report on the results of a study investigating students’ self-reflection essays with regard to their metacognitive development. The results indicate there are three types of metacognitive awareness: (1)Growing type, (2)Independent type, and (3)Deepening type.

Haenouchi, Hiroko — Nihon University

Teaching Youth through Hands-on Discover 4-H Clubs!

Discover 4-H Clubs curricula offer free, hands-on activities to teach youth in a myriad of topics. Attendees will receive information on how to download, and how other educators are using the guides.

MacArthur, Stacey — Utah State University
Brower, Naomi — Utah State University
Davis, Elizabeth — Utah State University
Ward, Callie — Utah State University
Wray, Paige — Utah State University
Nelson, Cindy — Utah State University

Advising as a Key to Navigating Educational Transitions

As academic student success professionals at San Diego State University (SDSU), we have learned that there are key points in the undergraduate career where intentional and intrusive advising is particularly important. Temporally these points occur at times of transition, such as when an undergraduate decides to change a major or when moving from community college to a four-year institution. We have developed programs to focus on these transitions points and will share our outcomes from several of these different approaches.

Justice, Paul — San Diego State University
Shultz, Norah — San Diego State University
Villafana-Hatcher, Rosie — San Diego State University

Evaluation of Physical Activity Participation, Self-Efficacy and Outcome Expectancy for Employees Participating in Exercise Is Medicine® On Campus

The proposed research project will evaluate physical activity participation, resistance training self-efficacy and outcome expectancy in employees participating in the Exercise is Medicine® On Campus Introduction to Resistance Training class. We expect that the results of this study will provide evidence of the effectiveness of EIM-OC programming at California State University, Monterey Bay.

Gastelum-Morales, Maximilian — California State University, Monterey Bay
Leininger, Lisa — California State University, Monterey Bay
Morrissey, Joanna — California State University, Monterey Bay

Present, Reflect, Repeat: Improving Presentation Skills Among Japanese University Students

The researcher will introduce a method of teaching presentation skills to Japanese university students in a student-centered classroom. Students presented seven times over 30 classes in a semester and in every presentation, students gave peer-reviews and engaged in self-reflection. Students found the peer reviews and self-reflection to be highly beneficial; to developing their presentation skills. The repetition of this cycle increased students' confidence and autonomous learning abilities.

Kohyama, Megumi — Doshisha University

Writing as a Social Practice in Kindergarten Classroom

This study explores how writing is socially constructed within a diverse kindergarten classroom. The study focuses on how children's social interactions shape their writing practices. Using ethnography and discourse analytic approach to examine the social, cultural, and linguistic resources the participant drew on for her narratives and texts. The findings reveal the participant's rich textual experience that impacted her encounters with subsequent texts. Further, her social interactions formed her processes and decisions in her writing.

Alwehaibi, Halah — Ohio State University & Princess Norah University

Individuals with Disabilities: Expanding Counselor Diversity Training

The disabilities experienced by people vary in type across mental and physical areas impacted. This poster session explores various ways to incorporate training for working with persons who have disabilities within counselor training programs. Given the large numbers of individuals with disabilities this is a diversity topic that counseling textbooks and training programs cannot continue to overlook in the training of future counselors.

Crofts, Gene — University of New Mexico
Keim, Jeanmarie — University of New Mexico

Does Media Type Matter for Delivery of Supplemental Materials in the Blended Agricultural Economics Classroom Environment?

The use of both the blended classroom environment and supplemental materials have been shown in prior research to positively impact student learning outcomes. This paper sets out determine if the media type used for the supplemental material has an impact on learning. The differences in outcomes of pre and posttests of students being assigned text based supplemental material versus other types of media will be compared using difference-in-differences techniques.

Manlove, Jacob — Tarleton State University

The Role of Motivational Orientations for Languages Other Than English in Predicting LOTE Attitudes in a Japanese Learning Context

A questionnaire survey of two-hundred twenty-one undergraduate Japanese students was conducted to examine the role of motivational orientations (i.e., intrinsic motivation, integrative orientation and introjected regulation) for languages other than English (LOTE; i.e., Chinese, Spanish, French and German) in predicting LOTE attitudes in a Japanese learning context. Intrinsic motivation and integrative orientation predicted positive attitudes toward Chinese, Spanish, French and German and positive attitudes toward these LOTE communities.

McEown, Kristopher — Waseda University
Sugita-McEown, Maya — Waseda University

A Cohort-Based, Short-Term Study-Abroad Exchange

Short-term faculty-led international study abroad is an attractive alternative for many students to traditional, longer-term programs. This poster session will present the results and details of an ongoing seven-year successful cohort-based exchange program between two universities, designed to eliminate complex planning and financing of a study-abroad exchange.

Leidig, Paul — Grand Valley State University

Kickmaier, Wolfgang — Zurich University of Applied Sciences

Make to Learn and Serve: A College-Level Projects-Based Course

This is a case study of a "maker space" course where college students design and build self-selected projects for credit. It is an introductory course for non-specialists. Students apply engineering methods of design, design review, budgeting, scheduling, and construction. Modern digital manufacturing tools are used including 3D printers, CNC routers, and laser cutters, as well as a variety of hand and bench tools.

Littman, Michael — Princeton University

Identifying Factors Affecting Multiple Object Tracking Skills: An Experimental Study

This study aimed to identify the visual and cognitive factors affecting MOT skills using visual search strategies. Participants were 25 male university students. The results suggest that the visual ability to acquire information instantaneously was related to MOT skills.

Furukado, Ryosuke — Kyusyu Institute of Technology

Akiyama, Daisuke — Kyusyu Sangyo University

Saito, Yoshiko — Behavior Assessment Systems Laboratory

Isogai, Hirohisa — Kyusyu Sangyo University

The Lab on the Edge of Forever!

Although as a university faculty I typically direct the research of my graduate students, opportunities exist to help non-university students in their research activities. This abstract describes the opportunities I have had to mentor high school and middle school students on their research projects in space farming, the growing of crops in space and on the Moon and Mars. Mentoring students in space farming was a mutually beneficial and enjoyable experience!

Kobayashi, Kent — University of Hawai'i at Mānoa

Beyond Words: Horse Experiences for Veterans' and First Responders with Post-Traumatic Stress Disorder

This study explored the human-equine connection and how this may translate into therapeutic gains for veterans' and first responders with PTSD. As equine therapy is growing in popularity, the therapeutic processes and mechanisms of change need to be identified. This study contributes to the gap in the literature by providing insights into the unique horse qualities and processes of the human-equine partnership, to help improve the development and delivery of future equine-based programs.

Grimes, Katie — University of British Columbia

Haney, Colleen — University of British Columbia

Buchanan, Marla — University of British Columbia

The Influences of Korea ECEC Teachers' Organizational Health, the Creative Personality, and Ego-Resilience on Their Play Teaching Efficacy

This study was conducted to examine the effects of the organizational health, the creative personality, and ego-resilience of teachers in early childhood education on their play teaching efficacy.

Chae, Jin-Young — Pusan National University

Im, Hannah — Dongshim Education Research Institute for Early Childhood Education

Kim, Hyunji — Pusan National University

A Study on the Change of Low Birth Policy in Korea

This study is to see how low birthrate policies have been implemented in each period by analyzing low birthrate policies in Korea, and to find policy alternatives for low birthrates.

Kim, Mijin — Inje University

Kim, Byungman — Kyungnam University

Son, Yoojin — Dongeui University

Seo, Bosoon — Dongeui University

Jung, Hye Young — Pusan National University

Lee, Younsun — Pusan National University

Teaching and Learning Program for Improving Problem-Finding Skills in Scientific Inquiry

The purpose of this study is to develop a teaching and learning program to enhance students' ability to find problems in science inquiry activities. The teaching and learning program consists of three stages: the first stage is to find out the problem finding process of the preceding research, the second stage is to change the preceding research process, and the third stage is to establish the inquiry plan and the reciprocal teaching. In this study, the results of the activities of the students were presented along with examples of activities at each stage.

Kim, Heekyong — Kangwon University

Lee, Bongwoo — Dankook University

Cheon, Myeongki — Dankook University

A Study on Early Childhood Teachers' Perceptions on Producing Narratives for Circle Time

This study aimed to examine how teachers for young children would deviate the structured and standardized curriculum and the patterned and uniform way of teaching, and to investigate the process of exploring and reconstructing curriculum through narrative with children in ECEC classroom. Facilitate learning in the similar contexts Five subjects having 2 to 15 years teaching experiences from Workshop for Learning for Narrative Teaching Skills participated in 15 in-depth interview for nine months.

Lim, Boo Yeon — Pusan National University

Son, Yeon Ju — Pusan National University

Choi, Yoon kyeong — Pusan National University

Semantic Network Analysis on the Complexity of Playing and Learning in Early Childhood Education

In this study, language network analysis was conducted for parents. Parents have the closest relationship with infants. Also, infants have the most interaction with their parents and have an absolute relationship through many interactions. Therefore, it is possible to analyze the point of play and learning in infant 's life itself by calculating the keywords of play and learning that parents perceive.

Kang, Seung Ji — Pusan National University

Shon, Yoo Jin — Dongeui University

Jung, Hye Young — Pusan National University

Lee, Youn Sun — Pusan National University

Aidi, Xiao — Pusan National University

Kim, Hee Jin — Pusan National University

Developing an Application for Assessing Athletes' Mental Conditions: Verifying the Effects from the Perspective of the Relationship between Mental Conditioning and Sports Performance

The purpose of this study was to develop an application for assessing athletes' mental conditions. We finished developing an application with easy smartphone input and could verify its usefulness for athletes, as a significant correlation was demonstrated between mental conditioning and the batting average of baseball players.

Isogai, Hirohisa — Kyusyu Sangyo University

Furukado, Ryosuke — Kyusyu Institute of Technology

Akiyama, Daisuke — Kyusyu Sangyo University

Saito, Yoshiko — Behavior Assessment Systems Laboratory

Iwasaki, Masaaki — Brand-new Science and Technology Research

How Do Children Become Elementary School Students? a Study Using the Mosaic Approach for Process of the Transition to School

The purpose of this study is to clarify how children from preschool age to the first grade of elementary school. We use the Mosaic approach to listen to young children's perspectives (Clark & Moss 2011). This study show that children appropriate of school culture, through "reconceptualization of school experience".

Tengan, Junyu — University of The Ryukyus

Okahana, Kiichiro — University of The Ryukyus

The Coaching Ladder as a Coaching Expertise Model of Professional Development

This study aims to clarify how the contextual factors effect the individual learning phase and experience on coaching expertise in a qualitative analysis of coaching ladder. A total of 14 expert coaches were chosen as participants for this study. The results indicated that the more progress coaches made, the wider they played a crucial role to support their athlete's performance development in a manner that made an optimum psychological environment for athletes.

Kitamura, Katsuro — Nihon University

Exercise is Medicine On Campus®: Improving Student Health Behaviors at California State University, Monterey Bay

The purpose of this research project is to promote and evaluate college students' health behaviors associated with the implementation of the American College of Sports Medicine's Exercise is Medicine On Campus initiative at California State University, Monterey Bay. We expect the results of this project to demonstrate improvements in students' physical activity, sleep, and/or stress levels.

Rahawi, Nickolas — California State University, Monterey Bay

Morrissey, Joanna — California State University, Monterey Bay

Leininger, Lisa — California State University, Monterey Bay

Effects of the Environmental Color Change on the Performance

In this study, we investigated the effects of environmental color change on performance in 48 Japanese collegiate students. In order to examine whether the performance changes due to the differences in color, we conducted the grid exercise and the dart ball, then carried out questionnaire survey.

Ubukata, Ken — Ryutsu Keizai University

Monma, Ken — Ryutsu Keizai University

Sugai, Midori — Ryutsu Keizai University

Hirose, Sakura — Ryutsu Keizai University

Sakata, Shion — Ryutsu Keizai University

Masuya, Riko — Ryutsu Keizai University

Hagimoto, Manami — Ryutsu Keizai University

Kanasugi, Takuya — Ryutsu Keizai University

Sasaki, Kyoya — Ryutsu Keizai University

Inoue, Takashi — Ryutsu Keizai University

Examining the Reach and Effectiveness of Youth Work Stakeholders in an Online Program Evaluation Certificate

In this presentation, we share our main findings from evaluating 6 online evaluation certificate cohorts with over 1000 participants in total. Here, we share the unique challenges and opportunities that offering an online course focusing on capacity building in the area of program evaluation for adult professionals present. We also discuss the advantages and disadvantages of the methodological approaches used in this study for evaluating online curricula.

Bean, Corliss — Youth Research and Evaluation eXchange

Rahmani, Ashkan — Youth Research and Evaluation eXchange

Anucha, Uzo — Youth Research and Evaluation eXchange and York University

Early Childhood Care and Education Used an 'Ideological State Apparatus': Focusing on Althusser's Theory of Ideology

This study aims at exploring critical issues within the field of early childhood care and education, which has been used as an ideological national device, focusing on Louis Althusser's theory of ideology. To this end, the researchers critically review the current government's childcare and education policies and documentations.

Kim, Hee Jin — Pusan National University

Jung, Hye Young — Pusan National University

Lee, Youn Sun — Pusan National University

Aidi, Xiao — Pusan National University

Kang, Seung Ji — Pusan National University

A New Approach of Instruction to PCK in Chinese Language Arts

Pedagogical content knowledge (PCK) in subject areas is a critical course in the Preservice Teacher Program. This study provides a new approach of flipped classroom concept, where 3-stage design: group preparation in advance, teaching demonstration/observation and discussion after demonstration was implemented in teaching PCK in Chinese Language Arts in the hope of enhancing preservice student's learning motivation and class participation effectively.

Wu, Shu-Hwa — Soochow University

Experiential Learning Through Science and Translation: The Science Library Project/Le projet de bibliothèque scientifique

This project brings together public outreach, experiential learning, and cross-institutional collaborative learning between French (University of Guelph) and Biology (University of Pittsburgh at Bradford) to foster in students a greater understanding of the scientific content within their courses (Pitt-Bradford) and the practices of translation (Guelph). Biology students at Pitt-Bradford self-publish children's books based on curricular science content, and French students at Guelph translate them into inclusive, intercultural children's books for both Guelph and Pitt-Bradford communities.

Mayberry, Tommy — University of Guelph

Cornelio, Dawn — University of Guelph

Ruffell, Sarah — University of Pittsburgh at Bradford

The Acquisition of English Word Stress and Vowel with Japanese ESL Learners

The purpose of this study is to explore the acquisition of English word stress and vowel quality with Japanese ESL learners. The loan words from English to Japanese (e.g., banana, lion) were chosen. They have practiced these words in English and Japanese with chants. We will make recordings and analyze with audio software, focusing on stress and vowel quality. The results will be discussed in the presentation.

Yamashita, Yuko — Shibaura Institute of Technology

Ishii, Akemi — Shibaura Institute of Technology

Hasuo, Emi — Taisho University

Planning and Implementation of Exercise Is Medicine® On Campus

This poster will present the process of planning and implementation of the American College of Sports Medicine's Exercise is Medicine® On Campus initiative at California State University, Monterey Bay. Anticipated benefits, opportunities for collaboration, challenges and future plans will be presented.

Gonzalez, Aaron Espitia — California State University, Monterey Bay

Luke, Ryan — California State University, Monterey Bay

Leininger, Lisa — California State University, Monterey Bay

Morrissey, Joanna — California State University, Monterey Bay

Developing a Joint Pedagogy Program for Online Faculty Development Seminars

The Waseda University Center for Higher Education Studies in Tokyo has been collaborating with the University of Washington's Center for Teaching and Learning in Seattle to advance faculty development at both schools since 2014. This study introduces the development of an online video series and its application to a flipped faculty development seminar.

Morita, Yusuke — Waseda University

Ishii, Yutaka — Chiba University

Malcolm, Katie — University of Washington

Craig, Colleen — University of Washington

Vidaković, Milan — University of Washington

Freisem, Karen — University of Washington

Increasing Engagement and Math Understanding in Elementary Students using the LEGO Brick

The poster will demonstrate the data collected to support the Brick Math Series over 1400 data points gathered from 2017-2018 in K-5 classrooms in NC and NJ.

Disseler, Shirley — High Point University and BrickED

Beard, Brianna — High Point University

Do Magnet Schools Promote Racial and Social Segregation in U.S. Secondary School Education with a Focus on Henrico County Public Schools?

This presentation focuses on the effectiveness of magnet schools in integration. I conducted a meta-analysis of magnet schools in America which leads into a micro-analysis of magnet schools in Henrico County, Virginia.

Ghahrai, Naomi — Virginia Commonwealth University

Embracing Ambiguity and Exercising Agency: A District-University Partnership for Social Justice Inquiry and Action

This presentation draws from data collected through a year-long partnership between three educational organizations within a northern California county – the largest K-12 school district in the county, the flagship teacher preparation program, and the regional branch of a state-wide global education project administered by the University of California – with the goal of supporting educators in their efforts to integrate global competence and social justice into curriculum, policies, and practices in their respective spaces.

LaDuke, Aja — Sonoma State University

Designing a Pre-Service Course for Learning 21st Digital Literacy in Special Education

The proposed poster is to present the effective ways of designing digital literacy activities for pre-service teachers in special education. First, an overview of the digital literacy activities is introduced with the logic behind. Second, examples of digital literacy activities will be presented. All these examples are designed for pre-service teachers to experience the pros and cons of using such digital literacy activities and its related technology options to accommodate students with various special needs.

Lee, Sung Hee — California State University, Fullerton

Apprentice Learning in Chemistry: Comparison between Learning by Doing Old-timer's Job and Learning by Doing Newcomer's Job

We used Lave & Wenger's Community of Practice as a theoretical framework and case study as a method to observe how new graduate students learned with old graduate students in doing chemical research. What we found is that the new graduate student who learned by doing old-timer's job made much better progress than the other who learned by doing his own job.

Sung, Kuangsen — National Cheng Kung University

A Mixed-methods Process Evaluation of an Online Program Evaluation Certificate for Youth Sector Stakeholders

In this presentation, we share key findings from evaluating 6 online evaluation certificate cohorts with over 1000 participants in total. Participants shared their challenges and opportunities after each module as well as at the end of the certificate. Evaluating the process of this program from participants' perspective offers valuable insights for online courses that with adult professional audiences. We also discuss the advantages and disadvantages of the methodological approaches used in this study for evaluating online curricula.

Rahmani, Ashkan — Youth Research and Evaluation eXchange

Bean, Corliss — Youth Research and Evaluation eXchange

Anucha, Uzo — Youth Research and Evaluation eXchange and York University

Elementary Preservice Teacher's Perceptions of Teaching in a Summer STEM Teaching Experience.

This poster will describe a qualitative study with preservice teachers who participated in a summer Science, Technology, Engineering, and Technology (STEM) teaching experience. Twenty preservice teachers describe their perceptions of integration, teaching, and learning before and after the three week STEM Camp experience.

Burton, Megan — Auburn University

Cardullo, Victoria — Auburn University

Tripp, L. Octavia — Auburn University

Demoiny, Sara — Auburn University

Woods, Sarah — Auburn University

Examination of the Background of the Foundation of Women's Pharmacy Schools

In Japan, the fact that only a small number of women enroll in STEM in universities is a political issue. Meanwhile, pharmacy programs have a stable female enrollment rate. The main reason for this was that many women's pharmacy schools existed before the educational reform after WW II and were transformed into universities. I will explain about the background and purpose of the foundation of women's pharmacy schools, which were institutions for higher science education.

Kimura, Yuuka — Waseda University

Mindfulness Meditation Effects on Body Awareness, Emotional Awareness and Difficulties in Emotional Regulation

The purpose of this study was to investigate whether mindfulness meditation training has a positive effect on body awareness, emotional awareness, and emotion regulation in college students. As a result, mindfulness meditation training has a positive effect on improving college students' body awareness and difficulties in emotional regulation.

Ma, Jung-yi — Ajou University

Gim, Wan-suk — Ajou University

Park, Hui-Yeong — Ajou University

Coexistence and Creation Education Ecosystem in Children's Story Community

Lee, Jo Eun — Pusan National University

Perceptions of Learner Special Needs among Japanese Teachers of English

In Japan, it is still relatively uncommon to separate students with special needs from other students, meaning that they are left to cope with language (as well as other) learning which is delivered at a pace that is often beyond their cognitive capabilities to maintain. This poster presentation represents preliminary research into how Japanese teachers of English (JTEs) perceive their readiness in addressing the needs of such students.

Hale, Chris Carl — Akita International University

Ono, Satoko — Akita International University

Lessons from Freedom School's Servant Leader Interns: Creating Culturally Relevant and Responsive Classroom Environments

The Children's Defense Fund (CDF, n.d.) Freedom Schools, a summer literacy program with roots tracing back to the Civil Rights era, offers a unique setting to explore Culturally Relevant and Responsive Education (CRRE; Banks, 2016; Gay, 2013; Ladson-Billings, 1995). This qualitative study examines interviews collected from Servant Leader Interns (SLI; teachers) teaching in a Florida CDF Freedom Schools site in the summers of 2018 and 2019 to gauge their perceived successes and barriers to creating a CRRE environment for their scholars. By better understanding SLIs' experiences creating a CRRE environment, we can inform the growing body of CRRE research and CDF Freedom Schools across the nation.

Craig, Makana — Florida State University

Hernández, James — Florida State University

How Might Pre-Service Teacher Education Programs That Are Overwhelmingly Populated by Non-Indigenous Students Imbue Indigenous Perspectives Throughout Its Entire Learning Process Rather Than into a Few Specific Courses or Subject Areas?

In light of fundamental challenges to Teacher Education in British Columbia, this inquiry is designed to: 1) study an understanding of self as educator in light of reconciliation; 2) distill key elements of practice as a teacher educator within the context of reconciliation in a teacher education program primarily populated by non-Indigenous students; and 3) propose to advocates and policy makers alike valuable tools, resources, and ideas designed to bring about the kinds of institutional change necessary in order meet the intent of the TRC's Calls to Action.

Keliipio, Kau'i — Simon Fraser University

E-Books for Children with Autism Spectrum Disorders

This poster will overview the literature on the effects of story reading, both in printed and digital books, for children with Autism Spectrum Disorders (ASD). The preliminary findings will also be presented from a study that examines the effects of an interactive e-book on reading performance of young children with ASD.

Lee, Sung Hee — California State University, Fullerton

Finnish Basic Education Principals' Reflections of Diversity in Their School Communities

This study describes principals' understanding and attitudes towards diversity in changing society. In relation to diversity issues skills related to supporting increasingly diverse school communities are recognized using qualitative content analysis as method in analyzing three interviews. In the analysis three categories were formed: diversity of the pupils, diversity of the school personnel and change in leadership practices. The study identifies three challenges which can undermine leadership in diverse school environments

Lipiäinen, Tuuli Kristiina — University of Helsinki

Jantunen, Anita Hannele — University of Helsinki

Kallioniemi, Arto Juha Viljami — University of Helsinki

Principal Learning Centered Leadership and Faculty Trust in the Principal

Using the Vanderbilt Assessment of Leadership in Education measurement of principal learning-centered leadership and the Omnibus T-Scale measurement of faculty trust in the principal, faculty members of 42 elementary schools, 11 junior high schools, and 8 high school were surveyed to better understand the relationship between the perceived learning-centered leadership of principals and faculty trust in those principals.

Farnsworth, Shane — Alpine School District

Hallam, Pamela — Brigham Young University

Hilton, Sterling — Brigham Young University

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development **Session Chair:** Alsuwaida, Nouf

Using Constructivist and Connectivism Theories as the Basis for TPACK Curriculum Design in Art and Design

For this session, the researcher will create an interactive Google Slides presentation to share the literature review and recommendations for how to use Constructivist and Connectivism theories as the basis for TPACK in art and design classrooms. The researcher also will create a handout with key concepts and questions to engage the session participants in a small group, and brainstorming activities.

Alsuwaida, Nouf — University of Hail

Developing a Cloud-Based Penetration Testing Lab and Curriculum

In this paper, we will give a detailed account of how we set up a self-contained, on-demand, scalable penetration testing lab environment with AWS Cloud. The cloud-based pen testing lab will allow students to practice hands-on Pen Testing skillsets.

Yuan, Holly — University of Wisconsin-Stout

Cross, Brandon — University of Wisconsin-Stout

English Language Barriers to the Acquisition of Web Development Skills: Optimizing Learning for Students Who Lack Familiarity with English

Educators of web development skills must place into consideration the English language barriers that may exist for students who lack familiarity with English. This paper provides suggestions on whether placing an emphasis on learning certain English words, based on its rankings on English language word frequency scales, will have a positive effect on web development and programming skill acquisition abilities.

Kayama, Hitomi — Internet Academy

Suzuki, Kenji — Internet Academy

Ooka, Kazuo — Internet Academy

Isshiki, Masao — Kanagawa Institute of Technology

Developing a Culture of Safety for MTSU Students by Combining the Event Safety Alliance (ESA) Protocols and Experiential Learning within the RIM 4810 Live Event Production Course

Students who wish to enter the live events as a profession are unaware of the many potential workplace hazards. Recently, industry professionals have witnessed an unparalleled amount of injuries resulting from a various source. This paper describes a new course, RIM 4810, which combines safety protocols from the ESA with experiential learning theories resulting in an increase in student learning outcomes and safety competencies both in the classroom and the industry.

Baird, Frank — Middle Tennessee State University

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education **Session Chair:** Kaneko, Sayo

Study of the Best Illuminance Values for Elementary School and University Student's Study Activities

In Japan, "General rules of recommended lighting levels" instituted by the Japanese Industrial Standards (JIS) determines appropriate illuminance values for each type of place and study and work. This study focuses on the three study activities ([type1] study activities using a paper medium for example textbooks or reference books, [type2] study activities using a tablet, and [type3] study activities of handcrafts), and define the best illuminance value for each activity.

Kaneko, Sayo — Kanagawa Institute of Technology

Fujita, Hiroyuki — Kanagawa Institute of Technology

Sugimura, Hiroshi — Kanagawa Institute of Technology

Misu, Takayuki — Kanagawa Institute of Technology

Issiki, Masao — Kanagawa Institute of Technology

Factors Affecting Professional Ethics of Acute Care Nurses in Japan

3. We investigated nurse's perceptions on whether the bed alarm system can be considered as a form of physical restraint. Among the 419 nurses surveyed, 130 nurses have been educated on the use of the bed alarm system. Nurses who do not consider the bed alarm to be a form of physical restraint amounted to 77, showed a lack concern with regard to their education on ethics, physical restraints, and on the bed alarm system.

Miyata, Chiharu — Mie University

Arts and Creative Practices for Advancing Equity & Justice in the Academy

In this paper, we demonstrate how incorporating art into curriculum generates social and personal change through a process made possible through art-based pedagogical practices. We bridge relevant literature with our experiences - independently and collaboratively - teaching courses and facilitating social justice and culturally sustaining pedagogy workshops in higher education. Our goal is to provide insights and inspiration for integrating art practices that can advance collective resistance and liberation into social justice and equity-oriented activities in the academy.

Goessling, Kristen — Pennsylvania State University, Brandywine

Wager, Amanda Claudia — Vancouver Island University

A Synthesis of Rural Elementary Teachers' STEM-focused Action Research

This study synthesizes the work of thirteen rural elementary teachers involved in an NSF Noyce Master Teaching Fellowship focused on enhancing capacity for STEM teacher leadership in rural elementary settings. We report on findings across the thirteen studies that may collectively inform STEM teaching and learning in other rural and elementary contexts.

Thomas, Amanda — University of Nebraska–Lincoln
Falls, Zoe — University of Nebraska–Lincoln

Engaging Learners in the Construction of Models of Complex Systems

The Next Generation Science Standards (NGSS) require students learn how to develop models of complex systems (SEP-3) and apply these models to test ideas in science and engineering (CCC-4). This paper discusses a four-year collaboration between university science and science education faculty, local teacher-leaders, and non-profit environmental literacy organizations to provide professional development summer institutes that engage secondary school science teachers in techniques they can use to help their students develop models of complex systems.

Vandergon, Virginia — California State University, Northridge
Herr, Norman — California State University, Northridge

Scientific Literacy Through an Entanglement of Hula and Post-Humanist Theory

Scientific methods, laboratory experiments and objective interpretations of data, perpetuates a human/non-human, nature/culture, and indigenous/non-indigenous perspectives that reinforces a human centric view of the world. In this presentation, I will discuss Dr. Karen Barad's post-humanist theory from a philosophical framework of quantum physics and entanglements with Kānaka Maoli understandings of through intra- actions of hula and embodied scientific literacy with pre-kindergarten children.

Tan, Poh — Simon Fraser University

STEM Education: Trend of STEM Fields in Higher Education

This research aims to study the trend of high school students to choose STEM fields for their higher education, also investigation of the factors for making a decision. The research focused on high school students in Nakhonratchasima City Municipality, Thailand as case study.

Ueathamamataworn, Pornthip — Rajamangala University of Technology Isan

Elementary School Teachers' Attitudes Towards Teaching Mathematics and their Professional Learning Goals

This study examined how elementary teachers identified and set specific goals to improve their mathematics teaching. This qualitative study investigates the beliefs and attitudes of four Grade 6 teachers using data collected from interviews and surveys.

Mazieres, Sofia Ferreyro — University of Toronto

VEX Robotics as an alternative education space: A case study of teaching and learning

This case study highlights an elementary educator's robotics team(s) over a three year period from the programs' inception. In Nappanee, Indiana, U.S.A., robotics has replaced the gifted/talented curriculum. Hence, this alternative educational space became available to study. Ultimately, reflections upon teaching and learning in a traditional elementary classroom and the extra-curricular robotics program are highlighted as the mentor guides his students to VEX world competition for three consecutive years, earning a world team excellence award.

Stockton, Jamie — DePauw University

Combatting Extreme Absenteeism and Tardiness with Strategic Triage and Incentivized Programming

A treatment of innovative protocols, practices, and partnerships that were developed and deployed in a small city school district to decrease student absenteeism and tardiness thereby increasing student learning and fostering healthy school & family relationships.

Vaughn, Jeanette — Pepperdine University

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 1
Session Topic: Indigenous Education **Session Chair:** Trudgett, Michelle

Indigenous Leadership in Australian Higher Education Institutions

This paper discussed the notion of Indigenous leadership in the Australian Higher Education sector. It will share preliminary research findings that will be of particular interest to institutions yet to introduce a senior Indigenous position, outlining the key challenges associated to the position and offering ideas about how these positions are currently embedded across Australia and beyond.

Trudgett, Michelle — Western Sydney University

Page, Susan — University of Technology Sydney

A Whole-Of Degree Approach to Graduate Attribute Curriculum Development

Using a case example from an Australian university curriculum project, we describe a degree framework developed to guide the institution-wide implementation of Indigenous Graduate Attributes. Although the case context is quite specific, the guiding principles have widespread relevance for embedding graduate outcomes into university curricula. We also illustrate how systematic approaches - through university policies, strategies and governance frameworks - are crucial to successful implementation of graduate attributes.

Page, Susan — University of Technology Sydney

Trudgett, Michelle — Western Sydney University

Bodkin-Andrews, Gawaian — University of Technology Sydney

Thorpe, Katrina — University of Technology Sydney

Stanbrook, Gavin — University of Technology Sydney

Queer(y)ing the Indigenous Student Higher Education Space

For many Queer and Gender Diverse (QGD) Indigenous Australian people, there is little to no separation between our queer or gender identity, and our cultural identity. For Indigenous Australian QGD students our sexual and gender diversity have rarely been recognised or even considered in Australian higher education institutions. This paper discusses the findings of a project that investigated the ways in which Queer and Gender Diverse Indigenous Australian students are included, or not, in the Australian higher education space.

Sullivan, Corrinne — Western Sydney University

Day, Madi — Macquarie University

Engaging Preservice Students in Decolonizing Education Through the Blanket Exercise

This paper explores the impact of the “blanket exercise”, an interactive learning activity that engages individuals in rediscovering Canadian history through an Indigenous lens, in collaboration with First Nations, Métis and Inuit elders. This research discusses how the blanket exercise can engage education students on an emotional level and how it impacts their learning regarding a revised teaching quality standard that now requires teachers to contribute to a greater intercultural understanding between Indigenous and non-Indigenous peoples.

Lemaire, Eva — University of Alberta

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership - Workshop **Session Chair:** White, Barzanna

The Intersection of Greatness: Using SEL to Improve School Climate and Mitigate the Effects of Trauma

The increasing recognition of the presence of traumatizing experiences in children demands an emphasis on early development of resiliency, including a positive school climate, effective social-emotional regulation/modulation skills, strong positive relationships, and skills for academic success. An integration of the knowledge base and practice strategies and techniques to maximize the development of strong resiliency through the implementation of Adverse Childhood Experiences (ACE), Trauma-Informed Care, and Social-Emotional Learning (SEL) is the focus of the proposed workshop.

White, Barzanna — Caddo Parish Schools

Hollenshead, Jean — Louisiana State University, Shreveport

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 1
Session Topic: Higher Education **Session Chair:** Weiler, Jess

Re-defining Rigor in Practitioner-oriented EdD Programs: Meeting the Needs of Scholar Practitioners

The problem we address in this paper is that we do not know enough about the nature of rigor in practitioner-oriented EdD programs. We do not know how to describe it and, accordingly, we do not know the extent to which it exists.

Weiler, Jess — Western Carolina University

Lomotey, Kofi — Western Carolina University

Understanding Mentoring and Career Advancement within Higher Education

The purpose of this study is to explore the factors that influence an individual's career advancement within higher education. Using emergent theory, one will research the linkage between the individual and organizational factors within higher education that leads to career advancement.

Torres, Nelky L. Rodriguez — Loma Linda University

Who Gets a CURE? Participation in Course-Based Undergraduate Research by Transfer, Employed and Caregiver Students

Couse-based undergraduate research experiences (CUREs) promise to greatly expand student access to research opportunities. In theory, they may be especially helpful for transfer students and those with jobs or caregiver responsibilities that might preclude involvement in extracurricular (non-course-based) research experiences. Our study investigates the extent to which CUREs are, in practice, serving employed, caregiver, and transfer students at a public Hispanic Serving Institution in the Western United States.

Sedlacek, Quentin — California State University, Monterey Bay

Haeger, Heather — California State University, Monterey Bay

Bock, Guillermo — California State University, Monterey Bay

White, Corin — California State University, Monterey Bay

Introduction of Higher Education Program for Sustainable Development Engineering in Japan

In this paper we introduce contents of this engineering education program and development of research project for student's research program. The students are well motivated to sustainable development engineering from various kinds aspect through this program when they were given the opportunities to introduce their project at global stage. This engineering education program is characterized as one of the leadership programs for the scientific engineering leaders in the internationalized practical new society.

Yamauchi, Takeshi — Niigata University

Yamauchi, Darlene — Toyo University

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** Sea Pearl 2
Session Topic: Counselor Education **Session Chair:** Bernes, Kerry

Career Planning Integration with Grade 1/2 Health and Life Skills – New Zealand and Alberta Curricula

Drawing on both qualitative and quantitative data, this presentation will describe the effectiveness of having grade 1/2 students in New Zealand participate in a career-planning unit consisting of a variety of different learning activities. Curriculum outcomes for Health and Life Skills were integrated into the various activities.

Bernes, Kerry — University of Lethbridge

Career Planning Integration with Health, Language Arts, and Social Studies at the Grade 3/4 Level

Drawing on both qualitative and quantitative data, this presentation will describe the effectiveness of having grade 3 and 4 students in Alberta participate in a career-planning unit consisting of a variety of different learning activities. Curriculum outcomes for Health, Language Arts and Social Studies were integrated into the various activities.

Bernes, Kerry — University of Lethbridge

Health Status of Taxi Drivers in Northeast China: A 10 Year Comparison

This paper examines results from a 10 year comparison of health outcomes for taxi drivers in Jilin City, People's Republic of China. Taxi drivers were recruited for free health screenings at Chia Tai International Hospital where data was gathered and analyzed. This hospital's intention now is to provide specific health education interventions based on results collected in this study.

Sands, IV, Charles — California Baptist University

Carothers, Linn — California Baptist University

Sands, III, Charles — Pyongyang University of Science and Technology

Shu, Jin — Chia Tai International Hospital

A Pilot Study Utilizing the Nursing Anxiety and Self-Confidence with Clinical Decision Making Scale (NASC-CDM)© in Mental Health Simulations

One of the challenging tasks for nursing students includes becoming comfortable interacting with patients in the mental health clinical setting. Simulations provide realistic clinical experiences for students to learn nursing and communication skills. This presentation will report preliminary findings for an IRB approved nursing communication simulation utilizing simulated patients and the Nursing Anxiety and Self-Confidence with Clinical Decision Making Scale© in mental health simulations.

Baird, Tamara — Lipscomb University

Reducing Opioid Use Disorder Treatment Stigma with a Culturally Humble Approach

Despite scientific support for harm reduction strategies to treat opioid use disorder, significant stigma toward these interventions persists. To address this, we created novel educational curricula that both explain the scientific research on harm reduction effectiveness and integrate evidence-based strategies for reducing stigma toward behavioral health conditions. We formed the Tribal and Rural Opioid Initiative to create culturally centered curricula tailored to key populations: health volunteers, tribal and non-tribal addiction treatment professionals, and rural tribal and non-tribal members of the public.

Sulzer, Sandra — Utah State University

Chapoose, Michelle — Utah State University

Madden, Erin Fanning — University of New Mexico

Prevedel, Suzanne — Utah State University

Technology & Differentiation: An Examination of Saudi Teachers' Perceptions about the Use of Technology to Responded the Needs of Gifted and Talented Students

This study examines teachers' experiences using technology to differentiate instruction in gifted classrooms in Saudi Arabia. Using a qualitative research approach, the data analysis revealed that using technology in differentiate ways resulted in pedagogical and social benefits such as increased classroom authenticity, improved students' interaction and participation, and the ability to build learning communities of parents. However, lack of time, poor support from school leaders, insufficient training, and accessibility issues were some of the challenges that teachers encountered when differentiating their instruction using technology.

Alshareef, Khlood — University of Arkansas

Educators Moving Forward Towards the 22nd Century

This paper discusses current online modalities becoming available for teachers and students within the classroom environment. No longer is the classroom a place seen as a prescribed learning environment. In 2020 the classroom allows for diversified instruction depending upon the needs of the students. Presented will be current technologies that help to actively engage students regarding their learning. Students are encouraged to be actively involved both physically and mentally when receiving instruction for the twenty-first century.

Kanai, Therese Marie — American College of Education

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Beddoes, Kacey

Peer Review in an Emerging Interdisciplinary Field: Identifying Differences in Authors' Experiences and Perspectives

The goal of this project is to identify the kinds of scholarship that are readily accepted in the new field of engineering education research and the kinds that are not. Examining this boundary work contributes new insights into the social construction of knowledge. This paper addresses the question: What differences exist in the experiences, perceptions, and understandings of those who have submitted articles to the Journal of Engineering Education within the past 5 years?

Beddoes, Kacey — San Jose State University

Croninger, Rachel — Pennsylvania State University

Cutler, Stephanie — Pennsylvania State University

An Evaluation on Student Engagement in an Online Course

The purpose of the study is to determine the nature of how and why students choose to engage in learning the content of an online course. Additionally, the researchers are exploring how choosing to engage in learning impacts students' perceived levels of engagement in the course. This is a Work-in-Progress Report. The authors will seek feedback and hope to generate a discussion regarding online learners and instructors in higher education.

Baliram, Nalline — Seattle Pacific University

Henrikson, Robin — Seattle Pacific University

Attrition and Marginalization: Two Major Roadblocks Impacting Nursing Education

The issues of attrition and racial/ethnic homogeneity are not unique to the nursing profession. The authors will first discuss of the results of the data collected regarding racial/ethnic minority students' attrition from pre-nursing science courses. Second, the results of the study regarding the relationship between marginality and minority status for nursing students in two racial/ethnically dissimilar states will be discussed. Finally, a dialogue regarding strategies to increase the retention of racial/ethnic minority students would follow.

Basler, Jennifer — University of Wisconsin Oshkosh

Englund, Heather — University of Wisconsin Oshkosh

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Dailey, Ardella

Intersectionality of Race and Gender: Impact for Women of Color

The presenter will serve as facilitator of dialogue that will focus on the personal and professional impacts of the intersectionality of race and gender. The discussion will include the identification of formal and informal strategies and actions to respond to these experiences. The purpose is to engage us in a process that encourages the sharing of experiences/stories to unpack the duality of race and gender especially for woman of color.

Dailey, Ardella — California State University, East Bay

Time: 3:00 - 4:30 PM / **Monday** - 1/6/2020 / **Room:** South Pacific 3
Session Topic: Higher Education **Session Chair:** Grimes, Justin

Why Do You Think I'm Here: Black Men's Motivation for Pursuing Doctorates in Education

During this presentation the presenter will provide a brief overview of Black Men's experiences pursuing graduate degrees from education programs. In addition, the presenter will share part of a research study looking at what factors influence Black men to pursue graduate degrees.

Grimes, Justin — Virginia Tech University

Inclusion Policies in Higher Education in Quebec and South Africa: A Comparative Study

This paper addresses the issue of social justice and the well-being of students with disabilities in higher education in South Africa and Quebec through the Capability approach (Sen, 1999). Contextualized in the field of education, this approach contributes to a renewal of the conceptual apparatus of the evaluation of public action by moving the problematic of equal access to resources towards an evaluation of equality treatment with institutions and equal opportunities.

Gris, Sandrine — Université De Montréal

Interracial Mentoring From a Relational Perspectives: A Case Study of a Transformational Process

New culturally diverse faculty entering into a predominantly white institutional culture face many complexities. One of those complexities includes underrepresentation in mentors who fit their demographics. This presentation will discuss the challenges and benefits of cross-race mentorship using a transformational mentoring model. The model includes a multidimensional approach including psychosocial connections, organizational knowledge, and career support. These factors are key in developing mentoring alliances and adapting to the culture of the institution while maintaining self-identity.

Castillo, Nakisha — Brandman University

Ringenbach, Kathleen — Brandman University

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development **Session Chair:** Worthy, Lisa Degiorgio

A Novel Approach: Empathy and Awareness through Reading, or How to Incorporate a Book Club into a Non-Traditional Reading Course

Longitudinal data indicate undergraduate students in the United States read less, have limited awareness of historical and global issues, demonstrate fewer interpersonal skills and lack empathy for others compared to previous generations. A book club was implemented in an undergraduate psychology course to address these areas and improve synthesis of course concepts. Attendees will receive materials for implementing a book club in their own non-reading courses.

Worthy, Lisa Degiorgio — Glendale Community College

Reed, Karen — Glendale Community College

Walton, Sara — Glendale Community College

The Effect of Timing on Rats in the Morris Water Maze

Research Methods, a required course for a Psychology degree, can incorporate student research. The organizational aspects is difficult especially with animal subjects – in my lab, rats were tested on a learning task (Morris water maze) once weekly, rather than once daily. This project tested learning based on the timing of testing, and found that the weekly testing group had poorer learning scores, indicating that changes should be made to better inform student results.

Willeman, Mari — Glendale Community College

Phenomenon-Based Learning to Mitigate the Skills Gap

Phenomenon-based learning (PhenoBL) is an innovative instruction technique that combines project-based learning and inquiry-based learning. Its application in higher education institutions in the U.S. may help improve their rank in higher education and mitigate the skills gap. This work-in-progress paper includes a review of PhenoBL, overview of the student and instructor role in PhenoBL, an example of curriculum re-design to PhenoBL in a marketing course, and the impacts of PhenoBL on mitigating the skills gap.

La Venture, Kelly — Bemidji State University

Adams, Julie — Bemidji State University

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Langdon, Henriette

Beyond Rapport: Essential Counseling Skills for All Educators

As an interdisciplinary private practice that seeks to collaborate speech language pathology services and assessments with referrals and consultations with individual and family psychotherapy specializing with children and teens, we have noticed a need to familiarize the SLP as well as the educator with specific counseling practices that may also be beneficial within a speech language therapy session or a classroom. This workshop will seek to bridge basic counseling skills, education, and speech pathology.

Langdon, Henriette — California State University, San Marcos

Starr, Maxine — Brandman University

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** Lehua
Session Topic: Language Education - Workshop **Session Chair:** Rondon-Pari, Graziela

Languages for the Professions and Specific Purposes: Spanish Court Interpreting

In the last few years, colleges in the US have been focusing on the teaching and learning of languages for the professions and specific purposes in their desire to prepare students to be more competitive in the global market. One of the specific purposes field that is currently in great demand is court interpreting. This workshop provides an overview of the court interpreter field, practice activities and tips to succeed as interpreters in the US.

Rondon-Pari, Graziela — SUNY Buffalo State College

Critical Conversations: Prompting Reflection to Enhance Leaders' Perceptions of Professional Efficacy

As facilitators of inquiry-based professional learning with system and school leaders, we engage in critical conversations designed to prompt reflection, nurture growth, and inform action. This paper reports on the ways in which these critical conversations, framed by four essential questions, supported enhanced perceptions of leaders' professional efficacy in an urban school jurisdiction in northern Alberta, Canada.

Allan, Sharon — University of Lethbridge

Adams, Pamela — University of Lethbridge

Mombourquette, Carmen — University of Lethbridge

The Nature of Parent Engagement: Stories From High School

The extent and nature of parent participation has been shown to vary from primary school, through to middle and high school. The purpose of this study was to gain insight from parents and guardians about their experiences of involvement in the education of their high school children in one school jurisdiction in central Alberta, Canada. It reports on the types of activities parents perceived to constitute participation; barriers they encountered that abbreviated their involvement; and school structures they believed would enhance their future involvement.

Lal, Rita — University of Lethbridge

Adams, Pamela — University of Lethbridge

Mombourquette, Carmen — University of Lethbridge

The Use of Student-Authored Case Studies in Educational Leadership Courses: A Kazakhstani Case Study

The use of pre-prepared case studies has been shown to be very effective in learning of content in multiple disciplines but research in the use of student-authored case studies is not as well researched. This article discusses the use of student-authored case studies in the context of a blended learning educational leadership class in the Kazakhstani context as well as the qualitative document analysis conducted to assess its effectiveness. The document analysis determined that students developed in multiple ways and that it assisted them in their on-going development towards becoming effective educational leaders.

Malone, Kathy — Nazarbayev University

Helmer, Janet — Nazarbayev University

Polat, Filiz — Nazarbayev University

Reconnecting Disconnected Youth to School by Linking Stages of Learning to Psychosocial Development Through a 'No Wrong-Door' Pathways Approach

This paper describes best practices around a pathways approach for service delivery designed to help disconnected youth re-connect to school and work. Our results suggest that disconnection results from complex processes of disengagement away from traditional networks towards non-traditional ones. We discuss pathway development and the psychosocial barriers to institutional change as well as the theoretical contributions of a program evaluation of youth who were at risk of dropping out of high school. We conclude with policy recommendations and specific guidelines for successful community-based partnerships intended to address the dropout crisis in public schools.

Barboza-Salerno, Gia Elise — University of Colorado Colorado Springs

Weir, Henriikka — University of Colorado Colorado Springs

Research Use, Teacher Motivation, and Self Determination Theory

This paper considers teacher professionalism and how the use of research can strengthen competence and autonomy, two cornerstones of Self Determination Theory (SDT). Research Use initiatives are examined to determine how they align with SDT by engaging teachers in strengthening their competence and autonomy within a relational context. Further it considers how some initiatives may undermine teacher motivation to use research through the introduction of extrinsic structures designed to control, rather than empower, teacher practice.

Laitsch, Daniel — Simon Fraser University

Queer Teacher to Queer Teacher: Reflections, Questions, and Hopes from Current and Aspiring Educators

Even though laws have changed that now allow members of the lesbian, gay, bisexual, transgender, and queer (LGBTQ) communities to enjoy many of the same rights and privileges as their cis-gender, heterosexual peers, the lived experiences of queer-identified teachers in schools remain uncomfortable, and tension-filled. Throughout the teachers' narratives, the author inserts his voice in the hopes of creating larger meaning from the wisdom, advice, questions, fears, and hopes of the six participating queer teachers.

Mayo, Jr., J.B. — University of Minnesota

Engaging Teacher Candidates in Undergraduate Action Research

Developing pedagogies to engage undergraduate students broadly and teacher candidates specifically in the production of knowledge is imperative in closing the achievement gap in the United States. Undergraduate research has been recognized as a High Impact Practice (HIP) but little is known about its effects on teacher candidates. This article proposes a model for engaging teacher candidates in an undergraduate action research (UAR) project where future teachers evaluate instructional materials for themes of bias. A model for knowledge engagement is described and progresses from developing teacher candidates as knowledge consumers adept at reception, replication, and operationalizing to knowledge producers armed with questioning, reflection, dissemination, and action. Progressions from consumer to producer are described and instructional prompts are provided to facilitate collaborative discussion on biases in instructional materials.

Flores, Susana — Central Washington University

Maintaining a Socially-Just Classroom: Ethical Decision-Making for Student Engagement

This paper discusses what social justice in the classroom means by sharing related research literature and authentic teachers' voices expressed from written survey. Student engagement and the factors that influence it are discussed from a socially and culturally situated perspective. Motivational and sociocultural factors such as funds of knowledge, race, social capital, and social capital are presented as well as equitable strategies on how to enhance engagement through experiencing sense of belonging, competence, and autonomy are highlighted.

Lalas, Jose — University of Redlands

At Last: An Interactive Video Innovation That Works in Assessing Counselor Performance

A challenge for educators is to figure out how counselors-in-training can showcase their counseling abilities and get quality feedback on their performance in large classes where students and educators are stretched by onerous classroom and fieldwork demands. This workshop reviews the successful use of the Zoom video interactive platform to conduct summative evaluation of counselors-in-training work, and is especially suited for counselor educators who want effective, practical, and easily-applied evaluative tools of student counseling performance.

Monk, Gerald — San Diego State University

Martin, Andrea Saltzman — San Diego State University

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Brock, Patricia Ann

Qualities of an Effective Higher Education Instructor: What College Students Say

Are you an effective instructor in the eyes of your college students? This presentation shares the results of a pilot study survey [with the intent to expand the database collection to other national and international participants] that asked students to identify the qualities of an effective instructor. Student-generated qualities were collated, categorized and ranked according to the frequency of qualities expressed.

Brock, Patricia Ann — Pace University

Undergraduate Research Opportunities for Underserved Students: A McNair Scholars Program Case Study

Our paper is focused on undergraduate research opportunities for underserved student populations. Specifically, our presentation will provide an overview of the Ronald E. McNair Post-Baccalaureate Achievement Program, a federally-funded TRiO program designed for first-generation, low-income students, or students who are from a racial/ethnic group underrepresented at the doctoral level). Importantly, we will highlight a case study from the LSU McNair Program, including the specific activities and supports that are provided to the fellows.

Clayton, Ashley — Louisiana State University

Davis, Tiffany — University of Houston

Diversity in the Postsecondary Classroom: Exploring Instructor Experience

Research indicates that instructors associated with marginalized or equity-seeking identity groups have different classroom experiences than their more mainstream counterparts. We have developed a workshop to support postsecondary faculty to consider the relevance of their identity in teaching and learning and to strategize around identity-related challenges they may face. This session describes and shares resources and learning from the workshop, and invites attendees to reflect on the needs of diverse faculty in their contexts.

Berenson, Carol — University of Calgary

Teaching Problem Solving as a Comprehensive Life Strategy: Evaluating Outcomes

One in four students leaves college before completing sophomore year. An innovative academic success course was developed to teach students how to better understand and solve school/life challenges. Course participants (n=706) were compared with a campus-wide matched sample. Outcome metrics included final cumulative university GPA, which was higher for the academic success students ($p < 0.0001$). A problem-focused approach to college may contribute to improved academic persistence and success.

Burke, Adam — San Francisco State University

Hassett, Shannon — De Anza College

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Panel **Session Chair:** Fuller, Amanda

San Diego State University's Short-term International Program in Greece: A Model for Maximizing High Impact Educational Practices and Global Social Justice Awareness for Underserved Populations

Diversifying global education means engaging underserved populations of students and offering innovative programming focused on meaningful global issues. This panel explores how to build an affordable study abroad program that highlights the concept of solidarity within the framework of how different regions/cultures address challenging social issues -- in this case international migration and asylum seeking. You will hear from a program designer/leader and two student-scholars who not only participated, but helped measure the program's impact.

Fuller, Amanda — San Diego State University

Mercer, Katie — San Diego State University

Abbott, Janet — San Diego State University

Lepule, Leiana Talo — San Diego State University

Shultz, Norah — San Diego State University

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 3
Session Topic: Higher Education - Panel **Session Chair:** Wilde, Judith

Wither the College Presidency? Exploring the Power and Possibilities of University Executives on the Higher Education Landscape

This panel focuses on relationships and tensions related to higher education presidencies. The session explores three separate but related studies: identifying and hiring presidents, the structure of hiring contracts, and university presidents serving on corporate Boards of Directors. We seek to address the ways in which each aspect of the presidency may serve the public good while also bolstering personal and professional development.

Wilde, Judith — George Mason University

Finkelstein, James — George Mason University

Porter, Tameka — McREL International

Time: 8:00 - 9:30 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Berman, Erin

Zenfulness: Creating a Community of Mindful Learners

Using research in mindfulness and breathing techniques this workshop will explore the benefits of such techniques when applied in various classroom settings. Specifically, we will summarize how breathwork and mindfulness can reduce anxiety, discuss ways to create community with emotional intelligence, and practice allowing ourselves to be fully present.

Berman, Erin — Arizona State University
Hardwicke, Shannon — Ferrum College

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** Hibiscus 1
Session Topic: Curriculum, Research and Development - Workshop **Session Chair:** Hancock, Stephen

Dismantling Curriculum Trauma: A Social Justice Approach to Teaching and Learning

In an effort to support critical knowledge, this session is designed to engage participants in examining two major and endemic components in the curriculum that negatively impact student identity and achievement. The session will explore solutions and encourage participants to develop answers to curriculum trauma in their schools.

Hancock, Stephen — University of North Carolina at Charlotte

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** Iolani 6
Session Topic: Cross-disciplinary areas of Education - Workshop **Session Chair:** Priselac, Stephen

Professional Development Workshop: A Practice-Based Professional Development For STEM Teachers

Participants will learn strategies used in a rigorous and exciting two-week summer professional development institute for STEM high school teachers and students engaged in learning about how smart sensors and robots can be integrated into their in-school or after-school curriculum.

This workshop will provide a variety of hands-on, inquiry and design STEM instructional methods utilizing effective assessment strategies.

Priselac, Stephen — National Center for the Advancement of STEM Education (nCSE)
Pyzdrowski, Laura — West Virginia University and nCSE
Priselac, Nancy — National Center for the Advancement of STEM Education (nCSE)
Pyzdrowski, Anthony — California University of Pennsylvania and nCSE

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** Nautilus 1
Session Topic: Educational Measurement and Evaluation **Session Chair:** Stevens, Joseph

Key Findings from the National Center on Assessment and Accountability for Special Education

Session participants will be provided with access to 15 major NCAASE research findings (http://pages.uoregon.edu/stevensj/DYKs_1_to_15.pdf). I will then discuss three key themes from our research: a) developmental growth of students with disabilities (SWD) over grades on four state accountability tests (AZ, NC, PA, OR), b) measurement of achievement gaps and descriptions of gaps for the four states, and c) problems with popular school accountability models (e.g., VAM, SGP) used to estimate school effectiveness.

Stevens, Joseph — University of Oregon

Study of Evaluation Viewpoint for Overseas Career Training

The purpose of overseas career training is to cultivate human beings who can actively participate in global society, act actively themselves, and think in society's relationship through experiences. Many of Japanese universities are seeking a way of career education that can meet the demands of society. I try a proposal on the evaluation viewpoint of overseas career training conducted at our university as a case.

Hori, Mayumi — Chuo University

Pre and Post Formative Assessment of Students Intercultural Openness on a 1-week Study Aboard Service Learning Experience

Students or groups of students intercultural openness on short term study abroad programs is hard to capture or assess. However, short scales assessments have been develop based on Bloom's Affective Domain at Purdue University for teaching and formative assessment. The Intercultural Attitudes, Skills, and Knowledge Short Scale (ASKS2) was piloted to measure student's intercultural openness before there international experience and after the experience. Significant changes were captured across the domains on the group.

McClure, Myron — Purdue University
Snodgrass, Lisa — Purdue University
Morris, Pamala — Purdue University

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** McRae, Hiria

Examining Māori and Pacific Island Teacher Trainee Experiences

The Aotearoa New Zealand education system continues to grapple with the enduring issue of Māori and Pacific Island students not achieving to their potential. We assert that Māori and Pacific Island students need Māori and Pacific Island teachers as role models in their classrooms to support them in achieving their educational aspirations. We've worked with a group of past and present Māori and Pacific Island teacher trainees from our institution to gather their perspectives and experiences in completing their teaching qualification to support initiatives to increase teacher capacity.

McRae, Hiria — Victoria University of Wellington

Rimoni, Fuaapepe — Victoria University of Wellington

Abella, Ivy — Victoria University of Wellington

Theorizing Teacher Induction Through Preservice Teachers' Expectations of the Principal's Role

This study examines pre-service teachers' conceptualization of induction and the role of the principal in the induction process. Using grounded theory methodology, the researchers found that preservice teachers expect the enactment of two main roles of the school principal: school leader and instructional leader within a continuum from negative beliefs to positive preferences. Building on these findings, researchers developed the Simultaneous Principal Role Expectations teacher induction theory.

Nishimoto, Matthew — Clark County School District

Staying Connected with Our Craft: A Case Study of a Teacher Educator's Sabbatical Experience

Teaching about teaching is more than simply theory in a textbook; it involves sharing relevant, impactful experiences that pair theory with practice. The purpose of this paper is to share a case study of one professor's sabbatical experience to return to the classroom to stay connected with the practice of teaching in order to better prepare teacher candidates to impact the future. 62

Vierstraete, Sonya — Southwest Minnesota State University

Canadian Teacher Educators on Place-based Education: Where are we?

This paper reports on an exploratory mixed methods study on how Place-based Education (PBE) is taken up in teacher education in Canada. It focuses mainly on the results of interviews with eight teacher educators who offer their perspectives, pedagogical practices, and experiences with PBE as a philosophical orientation to education for sustainability and justice.

Miller, Dianne — University of Saskatchewan

McVittie, Janet — University of Saskatchewan

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** Sea Pearl 2
Session Topic: Educational Psychology - Workshop **Session Chair:** Skaggs, Paul

Sketchnotes: An Unexpected Tool for Learning

Adding sketching in a classroom can help boost student note taking effectiveness. Several studies on learning styles found doodlers recall 29% more information than their non-doodling peers. Taking notes with a pen and paper boosts long-term memory, but adding a bit of doodling to traditional note-taking can help the brain connect the dots and digest information faster and more efficiently.

Skaggs, Paul — Brigham Young University

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 1
Session Topic: Higher Education **Session Chair:** Cress, Christine

Leveraging Democratic Leadership through Student Engagement Scholars: Empowering Self & Community

College students at 30 colleges who participated in a semester-long Community Engagement Student Fellowship indicate as a result of the experience enriched academic and professional competencies including expanded knowledge, empathetic understanding, psycho-motor abilities, and leadership skills. Easy to replicate and low-budget activities, assessment, and effectiveness strategies will be presented.

Cress, Christine — Portland State University

Ikeda, Elaine — California Campus Compact

McGinley, Piper — California Campus Compact

Through the Gate: Identifying How to Help More African-American and Latinx Transfer Students Transition to University

When students make significant progress toward a transfer goal, why don't they make it "through the gate" to university? What affects their transfer decision-making and ultimately impacts successful transfer? Learn about new student voices research from the RP Group's Through the Gate transfer study involving students who were close to transfer, but had not yet made it to university. Discover how to bring student perspectives into your own transfer improvement efforts.

Cooper, Darla — The Research & Planning Group for California Community Colleges

Trimble, Brad — The Research & Planning Group for California Community Colleges

Changing Patterns of Academic Identity under the New Public Management in South Korea

This study investigates how the new public management impacts on academic identity differently according to their affiliated disciplines and their institutional missions as well as their personal capability.

Shin, Jung Cheol — Seoul National University

Lee, Soo Jeong — Sejong University

Jung, Hyejoo — Seoul National University

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 2
Session Topic: Higher Education - Workshop **Session Chair:** Davis, Tiffany

Addressing the United States College Access Problem: Translating Research to Practice in Graduate Education Through Service-Learning

This workshop will provide an overview of the state of college access in United States higher education broadly and discuss issues related to students from historically marginalized racial/ethnic and socioeconomic backgrounds, particularly. Furthermore, the workshop will highlight the promise and practice of integrating service-learning activities to address the college access problem in higher education graduate preparation program curriculum through highlighting the experiences of the two lead authors at two different institutions.

Davis, Tiffany — University of Houston

Clayton, Ashley — Louisiana State University

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 3
Session Topic: Higher Education **Session Chair:** Keenan, Barry Campbell

Humanism, East and West: A Course in Cross-Cultural Humanities

Zhu Xi's (1130-1200) conception of the inseparable ties of nature and human nature is compatible with the humanism of John Dewey (1859-1952). The Confucian and Marxist critique of Deweyan influence in China will be contrasted with the scholarship endorsing the compatibility of the ideas of Confucius and Dewey as argued by Roger T. Ames and Tan Sor-hoon. The consensus humanism that emerges from this critical analysis is cross-cultural in its philosophical assumptions.

Keenan, Barry Campbell — Denison University

Easy as Pi Vehicle Safety System

By introducing existing example projects, our undergraduates can be motivated to find more real-world problems. Our Easy as Pi Vehicle Safety System (EaPVSS) is an effort of finding a real-world project and solution for undergraduate students. EaPVSS provides three main systems including parallel parking, DVR, and surveillance. EaPVSS shows how undergraduates contribute to the real-world projects and communities by adapting learned knowledge of computer systems and networking technologies.

Kaberle, Chris — Wentworth Institute of Technology

Milani, Anthony — Wentworth Institute of Technology

Yun, Mira — Wentworth Institute of Technology

Ellabidy, Magdy — Wentworth Institute of Technology

Can Resilience Be Taught

This paper explores the concepts of resilience and its many areas of context. Special emphasis is seeking better understanding of the needs and experiences of public safety workers, emergency services personnel, and organizations, regarding response to and recovery from disasters and/or traumatic events. With this understanding, educators may be better able to develop curriculum to enhance resilience and the ability to respond to recover from and even flourish in the aftermath of events.

Jones, Bernard — St. John's University

Maxfield, R. Jeffery — Utah Valley University

Noll, Gary — Utah Valley University

Time: 9:45 - 11:15 AM / **Tuesday** - 1/7/2020 / **Room:** South Pacific 4
Session Topic: Teacher Education - Workshop **Session Chair:** Waldron-Soler, Kathleen

Preparing Initial Teachers to Work Within an MTSS Model: What We Know So Far

Our workshop will present an overview of the literature on how to improve the preparation of initial teachers to work within an MTSS model. Participants will learn about the key components of effective initial teacher preparation to work in an MTSS model and specific steps that can be taken by higher education institutions to move toward this goal. Data and lessons learned from our own attempts to improve the training of initial teachers to work within an MTSS model will also be presented.

Waldron-Soler, Kathleen — Eastern Washington University

Jex, Eliza — Eastern Washington University

Kisinger, Kerry — Eastern Washington University

Poster Session

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Coral III

Does Increasing Instruction Expenditures Improve High School Completion on Hawai'i's Big Island?

The following research will attempt to gauge teacher effectiveness with respect to public high school completion on the Big Island of Hawai'i. Using instruction expenditures as a proxy, the study will try to determine its relationship towards high school completion econometrically.

Ng, Larson — University of Hawai'i at Mānoa

Is Hawai'i a Legal Part of the US: What Educators Need to Know

The recent political reawakening of Native Hawaiians as it pertains to the legal status of Hawai'i as its own nation has rapidly transformed teacher education overnight. With respect to Indigenous and social studies education, this presentation will briefly go over the latest sovereignty issues and provide an overview as to what history teachers need to be aware when covering the history of Hawai'i and its relationship with the US.

Ng, Larson — University of Hawai'i at Mānoa

Women in Prison: Safety, Education, and Systems Change

This presentation will provide an overview of two years of data collection regarding incarcerated women's perceptions of the Prison Rape Elimination Act (PREA) and their reported feelings of safety and security. This research is a result of the US Department of Justice settlement agreement with the Alabama Department of Corrections. Over 1000 women were polled and trends in the system change will be presented.

Shippen, Peggy — Auburn University

Derzis, Nick — Auburn University

Curtis, Rebecca — Auburn University

Career and Technical Education Reform as a Tool for Social Mobility for Underrepresented Populations

When examining CTE policy reform it is evident that underrepresented populations have not always been on the forefront of career and technical education reform, and other social political agendas. Career and Technical Education (CTE) potentially can be used as a tool to combat the disproportionality of underrepresented populations in progressive careers and fields of study. CTE can potentially be used as a tool to create equity and social mobility students of underrepresented populations nationwide.

Smith, RaQuaam — University of North Carolina at Charlotte

The "Grammar" and Dilemma of Teacher Education in Korea

In Korea, the "grammar" of teacher education has long been formed and maintained for about 70 years, that is a 4-years university system separated from primary and secondary school teachers. The strength of the teacher education system certainly exists, for example attracting excellent pre-teachers and training them systemically. But it is becoming an obstacle when a change is needed. It is time for "grammar" to change for the development of education and teacher education..

Park, Soojung — Chungnam National University

Fang, Xiao Fei — Chungnam National University

Relationship among the Self-Esteem, Community Spirit, and School Adjustment of Adolescents

School adjustment in adolescence is essential for their intellectual development and healthy growth as a member of society. Therefore, The purpose of this study is to investigate how self-esteem and community spirit in adolescence, mediated by multicultural acceptance, affect their school adjustment. the study results imply that adolescents must cultivate more important values, share them with others to create a sense of bonding, and communicate smoothly with others to have a successful school life.

Son, Eun-Young — Chungnam National

Bae, Su-In — Chungnam National

Kim, Ha-Ni — Chungnam National

A Concept Mapping Analysis on Prospective Teachers' Awareness of Education Volunteering Experience

This study analyzed how prospective teachers perceive the experiences of educational volunteering by using the concept mapping method. By examining factors of experiences according to the types of educational volunteering, the study also sought to propose a comprehensive perspective on educational volunteering and to broaden understanding. The results of the study can be used to understand educational volunteering and to develop educational volunteering programs for prospective teachers.

Son, Eun-Young — Chungnam National

Bae, Su-In — Chungnam National

Kim, Ha-Ni — Chungnam National

StatPREP: Teaching Data Centric Statistics

StatPREP fosters the widespread use of data-centered methods and pedagogies in introductory statistics courses. This will in turn enhance the preparation of students to meet the demands of a data-driven workplace and to use the newly available resources in our data-centric world. Please see <http://statprep.org/> for more information.

Silva, Ambika — College of the Canyons

Creating Curiosity in Higher Education: A Qualitative Analysis of Faculty Members' Perspectives on Enhancing Student Curiosity

Curiosity is an important character strength educators in higher education should work to enhance since curious minds are more likely to embrace diversity, become life-long learners and think critically, but little is known about developing curiosity at the university level. Seeing this gap, our research group gathered and analyzed data from higher education faculty members' regarding their perceptions related to the building student curiosity. During the poster session, we will share findings gathered through surveying as well as our interpretation and recommendations for future research.

Nadelson, Sandie — University of Central Arkansas
Anderson, Darshon — University of Central Arkansas
Massey, Marsha — University of Central Arkansas
Lowder, Thomas — University of Central Arkansas
Yarberry, Faith — University of Central Arkansas

Report on the Application of Flipped Learning to Environmental Medicine in Republic of Korea

Students' satisfaction and academic achievement using flipped-learning method with the help of mobile devices were very positive for environmental medicine education in medical schools. Utilization of mobile device tests, and the blended methods of TBL and flipped learning should be expanded in the domain of medical education in the future.

Sakong, Joon — Yeungnam University Hospital
Byun, Young Seok — Yeungnam University Hospital
Kyu, Park Sung — Yeungnam University Hospital
Heo, Han Cheol — Yeungnam University Hospital

Social Emotional Competence in Japanese Preschool Children: Associations with Emotion Knowledge and Inhibitory Control

The purpose of this study was to examine whether emotional knowledge and inhibitory control are related to preschool children's social emotional competence. The research was performed three times, at the beginning of the school year (Time 1), in the middle of the school year (Time 2) and at the end of the school year (Time 3). The results showed that emotion knowledge moderated relations between inhibitory control and social skills and behavior problem.

Shimizu, Hisayo — Hiroshima University
Shimizu, Kenji — Hiroshima International University

California State University, Bakersfield STEM Major Persistence For Students in a Learning Community

The author will present analysis of a first-year support program aimed to increase STEM major persistence for underrepresented minority students. Data suggests significant gains in student first to second-year retention, GPA, and unit completion. A full regression analysis will be performed after the fall semester start.

Paschal, Jaimi — California State University, Bakersfield

From Inspired Vision to Achieved Reality--Celebrating 20 Years of "The Compact for Success!"

"The Compact for Success" is an innovative program that stands out for its successful track record improving access and graduation rates of underrepresented students gaining admission to San Diego State University (SDSU). Help us celebrate the 20-year anniversary of this continuing collaboration between SDSU and the Sweetwater Union High School District. Learn how we steer underrepresented students from local area middle schools to university degree completion--including our best practices and data discoveries.

Abbott, Janet — San Diego State University
Fuller, Amanda — San Diego State University

Service-Learning in Higher Education Integrates Leadership and Collaboration among Doctoral Students and Community Partners

The Physical Therapy program at California State University, Fresno created the first-ever doctoral level service-learning course in the history of the California State University system. Service-Learning (S-L) provides opportunities for innovative learning experiences and instructional design. S-L has become embedded continuously throughout the three-year doctoral curriculum and emphasizes civic awareness. Experiential learning increases clinical-decision making skills that are essential to the graduate as they enter the workforce as an early professional within the healthcare system.

Roos, Jennifer — California State University, Fresno
Adame-Walker, Jennifer — California State University, Fresno
Zarrinkhameh, Leslie — California State University, Fresno
Fiorentino, Chris — California State University, Fresno

Educational Reform Movement in Egypt towards 2030 Vision: Learning from History to Incorporate New Education

Egypt's Education System has been profoundly affected by its long history of greatness, political turbulences, etc. This presentation focuses on two critical things: historical dimension on the background of Egyptian Education System that led to 'Education 2.0 towards 2030 Vision', and the new direction of teacher professional development and student learning to realize the direction of Egypt aiming at educating children capable of building their future and adapting to changing society.

Mostafa, Yasmine — University of Fukui

Empathetic Curiosity: Does this Exist in Higher Education Students

Empathetic curiosity is an important concept in higher education as people who graduate with higher levels of empathetic curiosity are better thinkers and citizens. In this survey research project, we asked over 200 students about their levels of curiosity and caring for themselves and others. We found several significant relationships between variables. In our poster, we will share findings that can impact higher education and make suggestions for the future.

Nadelson, Sandie — University of Central Arkansas
Nadelson, Louis — University of Central Arkansas

K-12 Teachers' Perceptions and Uses of Learning Management Systems

Given the relatively short history of use in K-12, there is a dearth of research on teachers' perceptions and practices with learning management systems. Our research addressed this gap as we surveyed teachers about their knowledge, perceptions and practices in using learning management systems. Our results indicate the teachers perceive benefit to using the systems, but also find them to be time consuming.

Nadelson, Louis — University of Central Arkansas

Dean, Melissa — University of Central Arkansas

Holman, Amanda — University of Central Arkansas

McDaniel, Rachel — University of Central Arkansas

McDougald, Paula — University of Central Arkansas

Comparing Teaching Styles Using the Teaching Style Assessment Scale in Nursing Faculty and Non-nursing Faculty

An instrument to measure teaching style (TSAS) was used to compare nursing faculty and other than-nursing faculty in the USA. Data were collected from a sample of 117 faculty. T-test and correlation were used to analyze data, which demonstrated significant differences and positive correlations.

Yoshida, Fumiko — Saku University

Yamauchi, Toyooki — Open University of Japan

Kawanishi, Misa — Japanese Red Cross Hiroshima College of Nursing

The Role of the Power Distance Between Teachers and the Principal in Teacher Job Satisfaction and Retention: Evidence from SASS 2011-12 and NTPS 2015-16 Data

To better understand the degree to which teachers are able to exercise power in school decision making beyond the extent of simple teachers' participation, this study considered their power simultaneously with principals' power. Using hierarchical (generalized) linear modeling, we examined how the power distance between teachers and the principal in the domains of school decision-making is associated with individual teachers' job satisfaction and retention.

Park, Joo-Ho — Hanyang University

Lee, In Heok — University of Georgia

Kim, Dongho — University of Florida

Retrospective Respect for Education- Male Australian Footballers Retrospectively Appreciate Education Post-Matriculation

An overview of our research which shows a change of perceptions for male sports regarding education after matriculation. A greater retrospective esteemed for education is evident.

Murray, Ashnil — Torrens University Australian

Grimley, Michael — Torrens University Australian

Sebastian, Dipu — Torrens University Australian

Effect of Brief Mindfulness Meditation on Mental Health of Undergraduate Students

This study examined that effect of brief mindfulness meditation on mental health of undergraduate students. Social anxiety is particularly painful in adolescence, and appropriate coping with anxiety is required in order to have a comfortable university life. In this study, the meditation group(n=17) and the wait-list group(n=16) were set, and psychoeducation and one-week mindfulness meditation were completed only in the meditation group, and the effects were verified from some cognitive and behavioral variables.

Shimizu, Kenji — Hiroshima International University

Shimizu, Hisayo — Hiroshima University

Open Educational Resources (OER) as a Tool for Eliminating Equity, Access and Achievement Barriers

Viewing open and accessible education is a hallmark of basic human rights, this poster presentation will offer colleagues an opportunity to discuss the scale up adoption of OER across the high enrolled Introduction to Sociology courses. The poster elucidates the goals, strategy barriers and plan for sustainability for this mini- grant funded project.

Terry-Smith, Philip — Anne Arundel Community College

Development of a Tablet Application to Control Screen Time for Young Children

This study addresses possibilities to use an application that aims to help young children manage their own screen time. In order for children not to use tablet applications or YouTube for a excessive time, it is important to think about the duration of screen time in the daily life time and to cultivate awareness to be punctual about the time they set. Based on such a hypothesis, we developed "Let's become time master together."

Sato, Tomomi — Aichi Shukutoku University

Sato, Ayumi — Shimane University

Hotta, Hiroshi — Sonoda Women's University

Transtherapeutic Approach to Case Formulation: Applications to Counsellor Education, Training and Supervision

This poster presentation employs simple infographics to introduce an overview of transtherapeutic approach (TTMs), along with examples of TTMs identified in the literature, and proposes a collaborative, process-informed and transtherapeutic model of case formulation/conceptualization for counsellor education, clinical training and supervision.

Minami, Masahiro — Simon Fraser University

Lifetech: Completely Self-Sufficient Plant Module

This project aims to see if STEM education will enhance the quality and give the upper secondary schoolwork an improved impact compared to the usual way of working. The goal within the project is to produce a full meal, where the plants in the growing modules only will consume harvested energy from ambient sources.

Tidemann, Linn — NTIG Johanneberg

Staaf, Henrik — NTIG Johanneberg

The Role of Attributions in a Game-Based Learning Environment for Science

Game-based learning environments are increasingly popular in classrooms, however we understand very little of the motivational constructs that support achievement. This study reports on the role of specific attributions on science achievement in a game-based learning environment called CRYSTAL ISLAND – UNCHARTED DISCOVERY focused for 5th grade classrooms.

Nietfeld, John — North Carolina State University

Reexamining Psychometric Qualities of the Three-Dimension Elementary Science Attitude Survey

This study reexamined the psychometric properties of the 28-item Three-Dimension Elementary Science Attitude Survey (Zhang & Campbell, 2009). The survey was administered to 258 grade 7 and 8 students in a rural school in the Midwest of United States with emphasis on application to schools in rural districts. Initial CFA results failed to confirm the 3-factor structure of the original instrument. Recommendations have been made to revise existing items as well as new ones appended using Exploratory Factor Analysis with a different sample for use in the contexts of STEM education.

Szyjka, Sebastian — Western Illinois University

Singh, Abha — Western Illinois University

How Do Parents Handle the Advantages and Disadvantages of Using Digital Media for Toddlers and Preschool Children? A Questionnaire Survey.

We conducted a questionnaire survey on families with children aged 1-2 and 3-6, in order to make digital media more fruitful for children's education. we collected digital media usage situations at home and parents' thoughts about it together with examples of coping with the merits and demerits. From these results, we discussed ways to compensate for the shortcomings of digital media and receive more benefits.

Sato, Ayumi — Shimane University

Sato, Tomomi — Aichi Shukutoku University

Sato, Kosuke — Meiji University

Hotta, Hiroshi — Sonoda Women's University

Motivating and Inspiring Teachers to Stay Focused on the School Vision Through Relational Leadership

This paper promotes the notion that principals who exhibit relational leadership traits with their staffs will create a more positive environment in their schools. Principals are often consumed with the duty of accomplishing school goals and objectives, thereby contributing to a task-oriented leadership style. However, many would suggest that principals who develop a relational style of leadership can habitually motivate and inspire teachers to perform at their best, which can lead to school success.

Torres, Jeremy — Texas A&M University-Kingsville

Fedynich, LaVonne — Texas A&M University-Kingsville

Using Arts-Based Teaching Strategies to Overcome Social Isolation and Achieve a Sense of Belonging in Distance Education

With all types of distance education there is the potential for learners to feel socially isolated. Feeling isolated may be due in part to lack of social presence, limited interaction with peers and teachers, and a lack of a sense of a learning community. This poster features a description of four innovative instructional strategies (poetweet, photo cascade, My mosaic, and the six-word story) designed to help overcome the shortcoming of social isolation and enhance belongingness.

Perry, Beth — Athabasca University

Edwards, Margaret — Athabasca University

Janzen, Katherine — Mount Royal University

Use of 360-degree Videos in International Collaborative Projects

This study addresses possibilities to use 360-degree videos in international collaborative projects. From the result of preliminary experiments to view 360-degree videos, immersive sensation is supposed to cause some positive effects for the sustainable projects. Based on such a hypothesis, practical issues and comprehensive instructional designs for the better international collaborative projects are discussed.

Sato, Shinichi — Nihon Fukushi University

Autism Spectrum Disorder: Measuring Knowledge and Awareness to Inform Education Strategies for ASD Inclusivity in Aruba

Approximately one in 160 children are affected by autism spectrum disorder (ASD) worldwide. This study examined knowledge and awareness adult Aruban residents have towards ASD. Findings suggest the adult population has awareness of ASD but generally lacks knowledge and skills for interacting with persons with ASD; thus, reducing the potential for educational and employment opportunities for those individuals. Therefore, education driven public health solutions that provide more inclusivity for ASD citizens are warranted in Aruba.

Alcantar, Lizeth — Coastal Carolina University

Royce, Sherer — Coastal Carolina University

Geerman, Dilma Arends — Fundacion Autismo Aruba

Span, Carolina — Fundacion Autismo Aruba

Low-Intensity Strategies for Use in Multi-Tiered Systems of Support

This poster details the use of low-intensity instructional strategies for use base for each and discusses their use as part of Tier 1 efforts.

in -tiered systems of support. It examines the evidence

Menzies, Holly — California State University, Los Angeles

Lane, Kathleen — University of Kansas

An Analysis of Bias in Children's Picture Books About Immigration

I analyzed picture books on immigration. It is important for learners to see their experiences through both the lenses of window and mirrors. For many of the students these books are a mirror of their lives and can have an easier way to express how they feel. These books help students open up about these issues and inform those who don't have much knowledge on this issue.

Galvez, Emilia — Central Washington University

Mechanical Engineering Education

The purpose of my study is to find most suitable mechanical engineering technology and to design the mechanical devices and systems in order to keep coexistence with nature and human being for engineering education. In this study, the arrangement about social background, design to produce mechanical product and education for mechanical engineering design is performed.

Tsukiji, Tetsuhiro — Sophia University

An Analysis of Bias in Family Consumer Science Education Instructional Materials

For my research poster, I chose to analyze nutrition videos for bias that are used in the classroom for educational means. In an ideal world, all instructional material would be free of any kind of bias, but that is not the reality. It is our job as multicultural educators to analyze material used in the classroom to weed out bias points of views in order to rid classrooms of discrimination, bigotry, and be inclusive.

Farias, Chelsey — Central Washington University

Mapping A Culturally-Responsive Information Literacy Journey For International Students: An Interdisciplinary Approach

This poster presentation discusses the rationale and the process of applying the design method in integrating threshold concepts from the Framework for Information Literacy for Higher Education to visualize students journey map as well as strategies involved during the process, which can be valuable lessons for library professionals to map the information seeking and creation process of diverse learners to support teaching and learning.

Ding, Yi — California State University, Northridge

Analysis of Review Data on Educational Toys

The purpose of educational toys is to promote intellectual development through thinking and expression by infants and children. In this study, using Rakuten data set, we classify educational toys in 2010 review data into 4 categories: puzzles, music, blocks and balls, and analyze these data. Specifically, we perform the correspondence analysis on reviews, gender, age, and evaluation of the consumer who bought the educational toy. The correspondence analysis is an analysis method for visualizing the relationship between the attribute of reviewers and the word that appears in reviews from the tabulated result of reviews. We identify which products have high ratings and which age groups are buying.

Suzuki, Makoto — Shonan Institute of Technology

Onuma, Takuya — Shonan Institute of Technology

Katsumata, Noboru — Shonan Institute of Technology

Yamagishi, Naohide — Shonan Institute of Technology

STEAM Concepts to Enlighten Adolescents

This paper aims to showcase the concept of integrating art in STEM to get students geared towards futures' in STEM professions. This paper is important as when students are young technical explanations and equations are ineffective, and they may be deterred from the idea of STEM and look at it as too hard, but if there were more engaging routes, as explained in this paper this could pique the interest of adolescents.

Kelly Jr, Troy — Florida Polytechnic University

Clarke, Charisma — Florida Polytechnic University

Leadon, Tito — Florida Polytechnic University

Wimbush, Kaelan — Florida Polytechnic University

Best Practices in a College Student Success Course

This poster presentation will include best practices for an undergraduate "Strategies for College Success Course" taught to specific student populations: international students, student athletes, college student veterans, and first generation college students. Each of the authors has developed expertise in working with these student populations and will share some of their most impactful practices for promoting academic success, psychosocial/motivational attitudes and skills, and career development. Handouts will be provided.

Metz, A.J. — University of Utah

Noel, Natalie — University of Utah

Brandt, Nile — University of Utah

Dooley-Feldman, Eric — University of Utah

Findley, Samuel — University of Utah

The Mediating Effect of Perceived Control on the Relationship between the Mindfulness and Emotional Regulation

The purpose of this study was to investigate the mediating effect of perceived control between mindfulness and emotion-regulation in university students. Emotion regulation is considered as important factor in academic achievement and the person who has relatively high perceived control specially continues one's effort to accomplish one's goal. Result of study shows that mindfulness directly or indirectly affects emotion regulation through perceived control.

Nam, Sang kyu — Ajou University

Sim, Kyo-Lin — Ajou University

Kim, Wan seok — Ajou University

Measuring Undergraduate Health Sciences Students' Attitudes Toward Statistics

The purpose of this study was to measure the statistics attitudes of first year Health Sciences students enrolled in an introductory statistics course at the University of Minnesota Rochester. A total of 129 students completed the pre-test and post-test versions of the Survey of Attitude Toward Statistics (Schau, 2003). A paired sample t-test and a Wilcoxon signed-rank test of differences between the pre- and post-test scores found significant differences for some categories.

Ayebo, Abraham — University of Minnesota Rochester

Multiple-Groups Higher-Order Reparameterized DINA Model

This study presents a method to estimate parameters in cognitive diagnostic models (CDMs) for multiple groups. International large-scale data from six countries were used to demonstrate the approach. The multiple groups CDMs can be extended to incorporate covariates that provide meaningful implications for explanatory factors that may have different effects for each group.

Park, Yoon Soo — University of Illinois Chicago

Relationships Between Biological Parents of Children with Autism Spectrum Disorders in Rural Eastern North Carolina: Effect of Lack of Support and Increased Responsibility of Care

The prevalence of Autism Spectrum Disorder (ASD) has increased with current national diagnosis levels at 1 in 59 children (CDC, 2019). Since ASD is a life-long disorder parents face unique challenges in meeting the needs of their children which causes undue stress and affects relationships with others. Data were collected using an electronic survey method with 205 parents. Specific findings related to the correlation between level of severity, parental responsibility, and relationships will be reported.

Mitchell, Linda Crane — East Carolina University

Driggers, Amanda — East Carolina University

Xu, Lei — East Carolina University

The Impact of Culturally Responsive Teaching on Underrepresented Students Persistence in STEM: Culturally Responsive Instructional Strategies

The poster presentation will trace research and provide culturally responsive teaching strategies, lesson plan adaptation strategies, and instructional practices that can be used in STEM classrooms in an effort to positively influence underrepresented student's decisions to persist in STEM careers and/or STEM-related fields.

Thomas, Misty — Auburn University

Tripp, L. Octavia — Auburn University

The Moderating effect of Resilience between Academic Stress and School Adaptation for Korean Middle and High School Students

The main purpose of this study was to examine the moderating effect of academic stress on school adjustment among Korean adolescents moderated by resilience. The results confirmed the hypothesis, revealing that resilience moderated the relationship between academic stress and school adjustment.

Choi, Sumi — Konkuk University

Yoo, Inhwa — Konkuk University

Using GoPro's to Go Pro

Videotaping to support the development of reflective practice by preservice teachers has been a staple of teacher education programs for many years. In this study, participants will video record and fill out reflective journals after each episode. Teaching episodes will be filmed from the first-person perspective (GoPro) and from the third person point of view (camera placed in corner of gym). Interviews will be conducted prior to videotaping and after all videotaping sessions are concluded.

Orendorff, Karie Lee — Montana State University

Egan, Cate — University of Idaho

Patey, Matthew — University of South Carolina

Sacko, Ryan — The Citadel

English Education using ICT in Korea

In Korea, the government has introduced advanced information communication technology (ICT) into education in order to reduce these educational gaps. This presentation shows how socioeconomic gaps have influenced students' English achievement and how the Korean government has used ICT such as TV and the internet in order to reduce the educational inequality, in particular, English education.

Carreira, Junko Matsuzaki — Tokyo Keizai University

Teaching Psychological Statistics for Japanese University Students in Counselor Education

Statistical thinking skill is important for counselors to understand complex psychological process. In this study, we examined the effect of the psychological statistics lessons for Japanese university students in counselor education. Data includes surveys, reflections, co-teaching lesson plans, and grades. Findings show that the frequency of assignment submissions was positively associated with the grades.

Kawahito, Junko — Kagawa University

Shioiri, Miki — Kagawa University

Nishimoto, Kayo — Kagawa University

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Hibiscus 1
Session Topic: Special Education - Workshop **Session Chair:** Lynch, Sararose

Access to Productive Struggle for All Students Using Differentiated Instruction

Come experience how you can create a classroom environment that engages all students in productive struggle using differentiated instruction. Consider strategies outlined in "Productive Struggle for All: Differentiated Instruction" from NCTM MTMS that create access to mathematics while maintaining the cognitive demand of a rich platform task.

Lynch, Sararose — Westminster College

Lynch, Jeremy — Slippery Rock University

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Iolani 7
Session Topic: Other Areas of Education - Workshop **Session Chair:** Terry-Smith, Philip

Open Educational Resources (OER) as a Tool for Eliminating Equity, Access and Achievement Barriers

Open and accessible education is a hallmark of basic human rights. This workshop will explore a Community College initiative to move the bar on equity, access, and student achievement by the widespread adoption of OER resources for high enrolled, high impact courses. Participants will have an opportunity to explore OER materials and share strategies for developing their own initiatives for implementation.

Terry-Smith, Philip — Anne Arundel Community College

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Nautilus 2
Session Topic: Education Policy and Leadership - Workshop **Session Chair:** Thompson, Marilyn

Building Resilience in Times of Change: Impact on Performance and Well-Being

Change happens to all of us; sometimes as a result of choices we make and at other times it's unexpected. We live in a world of constant change and quickly adapting can improve our effectiveness and productivity. Being resilient can help us avoid being overwhelmed. Resilience is a person's ability to bounce back from challenge, change, and adversity. We all have the ability to develop personal resilience and this workshop aims to help participants explore aspects of change that may be stressful for different people, the impact of that stress, and how to remain resilient in the face of uncertainty.

Thompson, Marilyn — University of Waterloo

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Sea Pearl 1
Session Topic: Teacher Education **Session Chair:** Shidemantle, Debora

Co-Teaching: Uncovering the Successes and Challenges to Strengthen Clinical Practices

A presentation designed to offer insights into the co-teaching model. Researcher will share data from clinical teachers and cooperating teachers upon completion of a years experience with the co-teaching model.

Shidemantle, Debora — Texas A&M University-Texarkana

Cultural Competency in Words and Actions Through Intentional Study Abroad Experiences

The presentation will report on an investigation and comparison of how two studies abroad experiences affected teacher candidates in terms of how they were most impacted by the study abroad trips and how the study abroad experiences translated into action within their classrooms. The presenters illustrate the findings of common themes of enriched intercultural awareness and collective actions in the teacher candidates' classrooms.

Thomas, Vicki — Stephen F Austin State University

Xu, Tingting — Stephen F Austin State University

Partnerships in Teacher Education: A School-University Collaboration

This paper investigates our teacher candidates' experiences of integrating theory-and-practice within a realistic approach involving partnership schools and an integrated, school-based, professionally-oriented semester.

O'Connor, Kevin — Mount Royal University

Teachers' Differentiation Practices and Beliefs: How to Deal with Differentiation Dilemmas?

This presentation is about teachers decision-making process for differentiation strategies with the focus on teachers' beliefs about differentiation and how these beliefs are related to their practices. The findings of this study, suggest that it can be questioned to what extent teachers are aware of the possibility that their differentiation practice contributes to unequal educational opportunities of disadvantaged students.

van Vijfeijken, Marijke — HAN University of Applied Sciences

Denessen, Eddie — Radboud University Nijmegen

van Schilt-Mol, Tamara — HAN University of Applied Sciences

Scholte, Ron — Radboud University Nijmegen

Time: 11:30 AM - 1:00 PM / **Tuesday** - 1/7/2020 / **Room:** Sea Pearl 2
Session Topic: Music Education - Panel **Session Chair:** Boquiren, Sidney

Curricular-izing Improvisation: Considering Improvisation Across the Undergraduate Music Curriculum

Description of session: While improvisation is gaining traction in higher education through development of new courses, certificate programs, and graduate degrees, it is still often confined to its own space in the university landscape. In this discussion, three faculty members from Adelphi University in Garden City, NY discuss efforts to integrate improvisation in new ways across the undergraduate music curriculum, sharing what works, where the challenges are, and learning new ideas from colleagues at other institutions.

Boquiren, Sidney — Adelphi University

Waters, Heather — Adelphi University

Heisel, Erin — Adelphi University

What Is the Readiness of Students and Faculty for Online Learning & Teaching in Higher Education?

This paper will present the preliminary findings of a study examining readiness for online learning and teaching. With the growth of the digital campus, there is a need to understand the factors which influence the adoption of, and engagement with digital technologies for both students and faculty. Through the unique approach to examine the experiences of both sides of the 'classroom', this project aims to enhance the experiences of students and teachers alike.

Daly, Amanda — Griffith University

Gan, Bernard — Griffith University

McPhail, Ruth — Griffith University

Engaging Low-Income and First-Generation Students in the Classroom: The Importance of Shared Academic Courses within a Comprehensive College Transition Program

This mixed methods study explores the experiences of low-income students, many of whom are also first-generation and racially minoritized, in shared academic courses, which are one component of a larger comprehensive college transition program. We focus on students' engagement levels, the aspects of the courses that students find especially important, and the relationship of their engagement with their psychosocial growth.

Culver, KC — University of Southern California

Swanson, Elise — University of Southern California

Hallett, Ronald — University of La Verne

The Doctoral Process---Mentoring for Success

This paper will discuss the importance of mentoring in graduate education. Mentoring is considered a best practice in doctoral retention and is a successful approach to improve graduation success.

Davenport, Elizabeth — Alabama State University

Cutter, Bryan — Alabama State University

Martin, Tiffany — Alabama State University

Howard, Betty — Alabama State University

A Culture of Change: How Higher Education Institutions Can Reach Their Students Far Beyond the Classroom

Located in South Texas, Texas A&M University-Kingsville (TAMUK), a Hispanic Serving institution, just celebrated an all-time high Fall to Spring retention of 89%. This achievement came in part from a university-wide initiative to create a Center for Student Success (CFSS) in order to combat low retention rates in 2011. Thus in 2011, TAMUK established their CFSS. TAMUK's CFSS encompasses six components which make up their circle of care: Professional Developments, Freshman Seminar, Academic Advising, Academic Recovery, STARFISH Alert System, and Tutoring and Mentoring. This session discusses the development, successes, challenges, and future goals of implementing a Center for Student Success.

De Los Santos, Stephanie Bain — Texas A&M University-Kingsville

Baker, Shannon — Texas A&M University-Kingsville

The Educational Impact of Cultural Change in America

The session presentation (with Power-point and Handout) will discuss changes toward cultural relativism and socialism that began in the 1960's in American culture. The result is a divided American culture. Relativism has had a profound impact of American culture and these changes have affected, and will continue to impact education and the classroom.

Kannenberg, Gary — Webster University

Kannenberg, Karen — Missouri Baptist University

The Impact of Subject-Specific Competencies and Reading Habits on the Income of Japanese Humanities and Social Sciences Graduates

This paper examines the impact of acquiring subject-specific competencies and reading habits on the income of university graduates. The respondents were graduates of an academic year in the time span 1996 through 2016, from a research university in Japan. The result of regression and path analyses of data with 859 valid respondents indicates a positive impact from the acquisition of subject-specific competencies and reading habits on income in the years after graduation, as the competencies gained in university education are recognized as being important in the labor market.

Kato, Maki — Hitotsubashi University

Nagira, Akinobu — Hitotsubashi University

Effect of Blurring Boundaries Between Work and Non Work on Work Performance and Life Quality of University Teachers

Boundaries between work and non-work become increasingly blurred by teachers in educational institutions especially at university level. It is important to understand and observe boundaries of work and non-work to improve their work performance and life quality. This study attempted to provide an insight by measuring the effect of blurring the boundaries between work and non-work on work performance and life quality of university teachers. Correlation research design based on a survey method was used to conduct this study.

Ch., Abid Hussain — University of the Punjab

Malik, Misbah — University of the Punjab

Fatima, Ghulam — University of the Punjab

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