

Program
Florida Educational Research Association
65th Annual Meeting



Forward Together:
Educational Research to
Rebuild and Reimagine Public Education

The West Shore Grand, Tampa, FL

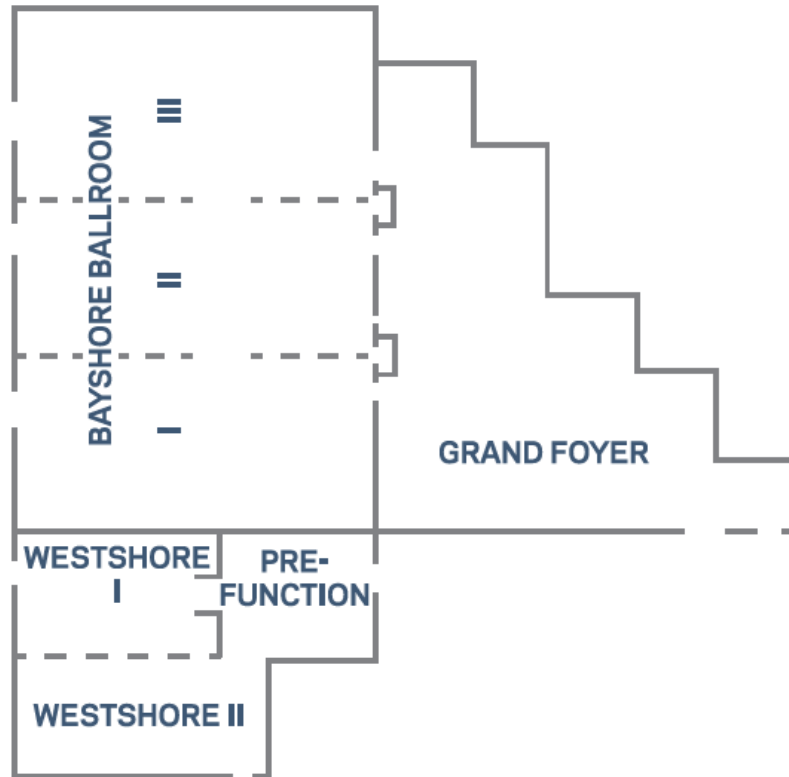
November 17-19, 2021

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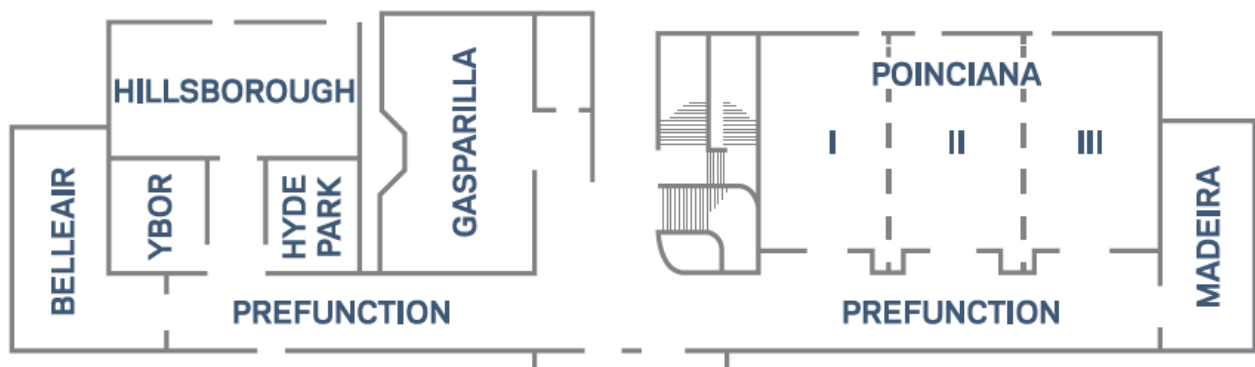
**Cambium Assessment
Caveon
Education Analytics
Florida Atlantic University
Florida Gulf Coast University
Florida State University
NWEA
USF College of Education
University of Florida
Robert F. Dedrick
Jennifer Wolgemuth
Bruce Hall**

Hotel Floor Plan

LOBBY



SECOND FLOOR



PROGRAM AT A GLANCE

Wednesday, November 17			
8:00-5:00	Registration Grand Foyer		
9:00-11:00	Professional Development: Frank Gilbert Westshore		
11:00-12:00	Welcome & NWEA Sponsored Opening Session: John Barbato Bayshore Ballroom		
12:00-1:00	Lunch on your own		
1:00-2:15	Keynote: Stacy-Ann January Bayshore Ballroom		
2:20-3:35	Paper Session		Caveon Sponsored Session: Steve Addicott Walt Drane Westshore
	Schools & COVID-19 Gasparilla	Research Methods, Measurement, and Statistics I Hillsborough	
3:35-3:45	Coffee Break Grand Foyer		
3:45-4:45	Paper Session		
	Instructional Technology I Westshore	Evaluation Methods Hillsborough	Language Learning Gasparilla
4:45-6:00	Invited Panel Discussion: Florida Department of Education Bayshore Ballroom		
6:15-8:00	Evening Reception Atrium I		

Thursday, November 18			
8:00-9:00	Cambium Sponsored Session: Christina Schneider <i>Bayshore Ballroom</i>		Symposium: CTE Research, Policy, and Practice <i>Westshore</i>
9:00-10:00	Coffee Break & Graduate Student Posters <i>Grand Foyer</i>		
10:00-11:00	Invited Panel Discussion: Navigating K-12 School District IRBs <i>Bayshore Ballroom</i>		
11:00-12:30	Paper Session		
	Research in K-12 Education <i>Hillsborough</i>	Research Methods, Measurement, and Statistics II <i>Bayshore Ballroom</i>	Teacher Inquiry Strand I <i>Gasparilla</i>
12:30-2:00	Graduate Student Luncheon <i>Poinciana</i>		
2:00-3:15	Keynote: Aaron Kuntz <i>Bayshore Ballroom</i>		
3:15-3:30	Coffee Break <i>Grand Foyer</i>		
3:35-4:35	Paper Session		
	Instructional Technology II <i>Westshore</i>	Research Methods, Measurement, and Statistics III <i>Hillsborough</i>	Teacher Inquiry Strand II <i>Gasparilla</i>
4:45-6:00	Keynote: Bobby Hoffman <i>Bayshore Ballroom</i>		
6:15-8:00	Evening Reception <i>Atrium I</i>		

Friday, November 19			
8:30-9:00	Coffee Break <i>Grand Foyer</i>		
9:00-10:30	Paper Session		
	eLearning <i>Westshore</i>	Literacy & Writing <i>Hillsborough</i>	Research in Higher Education <i>Gasparilla</i>
10:45-11:00	Invited Session: Updates from "The Forum" <i>Bayshore Ballroom</i>		
11:00-12:00	Invited Closing Session: Vince Verges <i>Bayshore Ballroom</i>		
12:00-1:30	Business Meeting Luncheon <i>Bayshore Ballroom</i>		
2:00-4:00	Executive Board Meeting <i>Belleair</i>		

Wednesday, November 17

REGISTRATION

8:00 am – 5:00 pm Grand Foyer

PROFESSIONAL DEVELOPMENT SESSION

9:00 am – 11:00 am Westshore

Test Development: Past, Present, and Future

Workshop Facilitator:

Frank Gilbert, Retired

Description: After decades in test development and measurement, Dr. Frank Gilbert will reflect on the changes that have occurred in psychometrics and its impact on present and future assessment policy. Attendees will gain a richer perspective to help in advancing the development, utilization, and critical analysis of assessments.

Biography: Dr. Frank Gilbert is a seasoned test administrator from Orange County School District where he served in the capacity of Director of Test Development and Measurement. Before joining Orange County, Dr. Gilbert received his doctorate of philosophy in educational psychology in 1984 from Kansas State University and his Bachelor of Science in education from the University of Kansas. Previously, he was the Testing Director for Salina Public School District in Kansas.

WELCOME & OPENING SPONSORED SESSION

11:00 am –12:00 pm Bayshore Ballroom

Welcome

Jennifer Wolgemuth

President of the Florida Educational Research Association

Learning During Covid-19: Reading and Math Achievement in the 2020-21 School Year

Speakers:

John Barbato, NWEA

Jacob VanDeMark, NWEA

Description: Participants will explore key questions that NWEA Researchers set out to explore related to academic gains and achievement levels in the 2020-21 academic year compared to pre-pandemic trends, and how Spring 2021 performance compared across student groups.

LUNCH ON YOUR OWN

12:00 pm – 1:00 pm

KEYNOTE PRESENTATION

1:00 pm – 2:15 pm Bayshore Ballroom

Improving Academic and Behavioral Supports within a Multi-Tiered System

Speaker:

Stacy-Ann A. January, University of South Florida

Description: Multi-Tiered Systems of Support (MTSS) have been widely adopted in schools for preventing and remediating challenges with academic, social/emotional, and behavioral skills. Implementation of MTSS requires significant knowledge, resources, and organizational change to realize positive outcomes in students. This is particularly important given the devastating impact of the COVID-19 pandemic on children and their families. The pandemic has also exacerbated inequities for populations who have been marginalized in the education system (e.g., racially and ethnically minoritized students, students living in low-income communities). To “rebuild and reimagine public education” we must examine and change the implementation of MTSS in schools, centering equity and social justice and practices that are based in research. Attendees to this session will learn concrete strategies for prioritizing and implementing interventions that focus on improving students’ academic, social/emotional, and behavioral skills.

Biography: Dr. Stacy-Ann A. January, NCSP is an Assistant Professor in the College of Education at the University of South Florida. Her research, which is grounded within an ecological problem-solving framework, focuses on assessment and intervention within a Multi-Tiered System of Support. Specifically, Dr. January works to improve data-informed decision making in schools, identify and implement evidence-based interventions that target children's academic and behavioral skills, and understand the contextual factors that promote student success. Dr. January has over 30 peer-refereed publications and numerous book chapters and presentations. She received the 2021 Lighter Witmer Award from the American Psychological Association in recognition of the impact of her research on the field of school psychology. Dr. January began her career in education as an elementary school teacher and subsequently earned her Ph.D. in school psychology at the University of Georgia.

Wednesday, November 17

SCHOOLS & COVID-19

2:20 pm – 3:35 pm Gasparilla

Untangling the Phenomenon of Teacher Anxiety During COVID-19: Phenomenological Study

- Jenise Gorman, University of South Florida

Collaborating with Teachers to Incorporate COVID-19 Public Health Issues in STEM Lessons During a Pandemic

- Jawaher Alsultan, Deanship of Academic Development, Imam Abdulrahman Bin Faisal University
- Irem Ercan, College of Education, University of South Florida
- Matthew O'Brien, College of Education, University of South Florida
- Sarah Ann van Ingen Lauer, College of Education, University of South Florida
- Eugenia Vomvori-Ivanovic, College of Education, University of South Florida
- Allan Feldman, College of Education, University of South Florida
- David Rosengrant, College of Education, University of South Florida
- Marissa Levine, College of Public Health, University of South Florida

Experiences of Students with Disabilities During the COVID-19 Interruption of In-Person Instruction

- Lyman L. Dukes III, University of South Florida

Student and Parent/Caregiver Perceptions of the Educational System's Response to the COVID-19 Pandemic in Florida

- Huibin Zhang, University of Florida
- Mary Bratsch-Hines, University of Florida
- Pengfei Zhao, University of Florida
- Tae Yeon Kwon, University of Florida

RESEARCH METHODS, MEASUREMENT, & STATISTICS I

2:20 pm – 3:35 pm Hillsborough

Evaluating Item Parameter Recovery with the Sequential 2PL-IRT Model in Unstructured Data

- Ziyang Li, University of Florida
- Anne Corinne Huggins-Manley, University of Florida
- Walter Leite, University of Florida

Classroom Assessment During the 2020 Twin Pandemics: An Exploration of Contextual Features of Psychometric Challenges

- Jing Huang, University of Florida
- Jerri-Ann Danso, University of Florida
- Anne Corinne Huggins-Manley, University of Florida
- Wei Li, University of Florida
- Walter Leite, University of Florida

Coefficient Alpha and its Standard Error – Maximize and Minimize

- Mary G. Lieberman, Florida Atlantic University
- John D. Morris, Florida Atlantic University

Trends in K-12 Education and Their Impact on Test Security

Sponsored by:
Caveon

Presenters:
Steve Addicott, Chief Operating Officer, Caveon
Walt Drane, Director of Education Services, Caveon

Description: K-12 testing has historically placed great emphasis upon the traditional summative statewide assessment to drive instruction during the forthcoming school year. Now, some state education agencies are shifting their focus from the summative assessments to interim assessments, which are given to students multiple times during the school year. Some of these changes have been brought about by COVID-19, including measuring student learning loss from time spent outside the classroom during the global pandemic. Simultaneously, test design has evolved to allow for a broader variety of interim assessment types. Come listen to two seasoned professionals in the field of state assessments discuss these new trends in K-12 education and how those trends impact test security.

At the end of the session, attendees will be able to

- Identify current trends in K-12 educational assessment
- Understand test security concerns associated with these trends, such as interim assessments, when they are used for high stakes purposes
- Understand how test security measures, and specifically data forensics, for interim assessments can ensure valid and reliable scores

Biography: Steve Addicott is Caveon's Chief Operating Officer. In addition to driving Caveon's growth, Steve provides consultation services to Caveon clients, ensuring they find comprehensive solutions for all of their test security needs. Steve's deep involvement in the delivery of Caveon's security services often includes extensive client outreach and conducting exhaustive reviews and analysis of testing program structures and test security planning.

In addition to being a test security evangelist, Steve is a senior technology professional with nearly three decades of sales and marketing experience devoted to companies in the business services, technology, and measurement arenas.

A hands-on leader, Steve has a proven track record of building high-performance relationships that deliver significant revenue results. He has played instrumental roles in management, business development, marketing, and customer service operations with diverse organizations ranging from start-ups to Fortune 100 companies.

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A popular public speaker, Steve is frequently called upon to present at assessment industry conferences, including events sponsored by ATP, NOCA, CLEAR, CCSSO, Association Forum, and NCTA.

Biography: Walt Drane, Ed.S. is an experienced K-12 large-scale assessment professional with a demonstrated history of working in the education management industry. In his role at Caveon, he is a strong business development professional who is skilled in the unique area of test security.

His former experiences include serving as the Executive Director of the Offices of Assessment and District and School Performance for the Office of Accountability at the Mississippi Department of Education. There, he provided continued oversight and development over assessments in mathematics and English Language Arts for grades 3-8, science in grades 5 and 8, end-of-course high stakes assessments in the areas of Algebra I, English II, Biology I, and U.S. History, and alternate assessments for those students in grades 3-8 and 12 who have significant cognitive disabilities. He also led Mississippi's Test Security Unit at the department of education and has led multiple large-scale investigations throughout the State of Mississippi to ensure the validity and reliability of state-wide assessment results.

Mr. Drane has spoken at several national and international venues on various assessment topics, including the National Conference on Student Assessment (NCSA), National Council on Measurement in Education (NCME), the Conference on Test Security (COTS), Association of Test Publishers (ATP), and European Association of Test Publishers (E-ATP). Mr. Drane has also served as a high school assistant principal, athletic director, and elementary and middle school teacher. He holds a B.A. in Political Science with a focus on International Relations, a Certificate in Criminal Justice and Corrections, a Master's degree in Education, and an Education Specialist degree in Educational Leadership.

COFFEE BREAK

3:35 pm – 3:45 pm Grand Foyer

**Sponsored by:
Education Analytics
Florida State University**

Please join us for a coffee break sponsored by Education Analytics and Florida State University.

The influence of gamification on affective and behavioral outcomes in educational settings: A meta-analysis

- Rui Huang, University of Florida
- Albert D. Ritzhaupt, University of Florida
- Max Sommer, University of Florida
- Jiawen Zhu, University of Florida
- Anita Stephen, University of Florida
- Natercia Valle, Cornell University
- John Hampton, University of Florida
- Jingwei Li, University of South Florida

A Meta-Analysis of how adaptive learning impact students learning performance

- Xiaoman Wang, University of Florida
- Rui (Tammy) Huang, University of Florida
- Max Sommer, University of Florida
- Poorya Shidfar, University of Florida
- Muhammad Shahroze Rehman, University of Florida
- Florence Martin, University of North Carolina
- Albert D. Ritzhaupt, University of Florida

Inspire, Instruct, or Both? Assessing and Supporting Students' Creativity

- Seyedahmad Rahimi, University of Florida

Assessing and Cultivating Accessibility Expertise in a University Educational Technology Program

- Jie Lu, University of Florida
- Matthew Schmidt, University of Florida

How are Usability Studies of Educational and Learning Technologies Conducted? A Review of the Methodological Properties of Usability Studies in the Field of Learning Design and Technology

- Jie Lu, University of Florida
- Matthew Schmidt, University of Florida
- Minyoung Lee, University of Florida
- Rui Huang, University of Florida

Impacts of an IT Success Program on Postsecondary Student Outcomes

- Angela Estacion, WestEd
 - Alexa Barton, WestEd
 - Jennifer McMaken, WestEd
-

Wednesday, November 17

LANGUAGE LEARNING

3:45 pm – 4:45 pm Gasparilla

Teaching Strategies Multilingual Teachers Use to Help Non-Speakers of Language of Literacy Instruction Learn Initial Reading Skills in Zambia

- Sitwe Benson Mkandawire, The University of Zambia/Florida State University
- Stephanie Zuilkowski, Florida State University
- Joseph Mwenya Mwansa, The University of Zambia
- Peter Chomba Manchishi, The University of Zambia

Native and Non-native English-speaking Doctoral Students' Strategies to Understand Idiomatics in Comics and Comic Strips

- Luz-Aydé Himelhoch, Pasco Hernando State College
- John I. Liontas, University of South Florida

Variables Impacting Language Learning for Refugees

- Alia Hadid, University of Rhode Island
- Rabia Hos, University of Rhode Island

INVITED PANEL SESSION

4:45 pm – 6:00 pm Bayshore Ballroom

The Issues around Setting Achievement Level Standards

Speakers:

Mark Reckase, Michigan State University
Marianne Perie, Measurement in Practice

Reactor:

Cornelia Orr, Past President of FERA

Moderator:

Vince Verges, Florida Department of Education

Description: The issues around Standard Setting when multiple standards are set on the same test, or when vertical articulation is done following a grade level standard setting.

Biography: Dr. Mark Reckase is a Distinguished Professor Emeritus of measurement and quantitative methods at Michigan State University. He specializes in the development of educational and psychological tests, educational policy related to testing, and the psychometric theory that supported the assessment of cognitive skills and content knowledge. In particular, he was doing research on applications of unidimensional and multidimensional item response theory (IRT) models, computerized adaptive testing (CAT), assessment using performance tasks, standard setting on educational tests, and methods for evaluating the quality of teacher education programs.

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Biography: Dr. Marianne Perie has several years of experience and expertise in K–12 assessment, accountability systems, test validity evaluation and performance standards. She has extensive experience providing technical assistance and assisting states in developing valid, reliable and equitable assessments and accountability systems. She has expertise in setting performance standards and has provided technical advice to several states and consortia. She also has taught courses and written extensively on standard setting and has considerable expertise in validity evaluation. Perie has been working to develop strong validity arguments for alternate assessments and has provided several technical assistance workshops to states through the U.S. Department of Education.

Biography: Dr. Cornelia Orr is a Past President of FERA with an extensive career that includes over 25 years of service to the State of Florida at the local, state, and university levels. In March 2015, Cornelia retired as the Executive Director of the National Assessment Governing Board (NAGB), the board that sets policy for National Assessment of Educational Progress (NAEP). She served as Assistant Deputy Commissioner of the Department of Education from 2003 to 2009 where she directed statewide assessment programs from kindergarten readiness to teacher certification. Prior to 2003, she served for as the State and the Department as Director of K–12 Assessment for five years and preceding that had served as a program specialist on a variety of other assessment projects. In addition to her state service, she was director of testing and evaluation for the Leon County school district and a national consultant on assessment and evaluation projects with Evaluation Systems Design.

Biography: Vince Verges has overall responsibility for Florida’s K-12 statewide summative assessment system, as well as the Florida Teacher Certification Examination and the Florida Educational Leadership Exam. He has been with the Department for sixteen years and has been involved in developing Florida’s statewide assessments since 1999. Prior to coming to the Department, Vince served for ten years in Florida’s public schools and colleges as an elementary school assistant principal, high school mathematics teacher, and adjunct mathematics instructor in the Florida College System. He was named Taylor County Teacher of the Year in 2000. Before his career in education, Vince served for seven years in the U.S. Navy as a navigator aboard the EA-6B Prowler electronic warfare aircraft. His squadron was aboard the USS Independence during Operation Desert Shield prior to the First Gulf War. He is a 1987 graduate of Florida State University and earned his MA in Educational Leadership from Florida A & M University in 2001.

Wednesday, November 17

RECEPTION

6:15 pm – 8:00 pm Atrium I

Evening Reception

**Sponsored by:
Cambium Assessment**

Description: Please join us for the Wednesday night reception, sponsored by Cambium Assessment. All FERA attendees are welcome to attend the Wednesday night reception. The event includes hors d'oeuvres, cash bar, and conversation with educational researchers from across the state of Florida.

REGISTRATION

8:00 am – 5:00 pm Grand Foyer

SPONSORED SESSION: CAMBIUM ASSESSMENT

8:00 am – 9:00 am Bayshore Ballroom

The Relationship between Item Developer Alignment of Items to Range Achievement Level Descriptors and Item Difficulty: Implications for Validating Intended Score Interpretations

Speaker:

Christina Schneider, Cambium Assessment

Description: On a large-scale statewide assessment Range Achievement Level Descriptors (RALDs) may be viewed as the score interpretation. The degree of alignment of items to intended score interpretations should be a component of the evidence gathered to support a validity framework for the instructional utility of an assessment. From a student test event perspective, common approaches to the alignment of test items to standards do not provide evidence that the test score interpretation provided to teachers about a student is reasonably true. This study investigated if the score interpretations for a CAT-based mathematics assessment from an anonymous state produced progressions across achievement levels in the same ways that the score interpretations (RALDs) posited. First, items were aligned to RALDs. Then the degree of match between the item developer classifications of items to achievement levels and the items' true achievement level was examined. Finally, an emerging technique using the embedded standard setting processes (Lewis & Cook, 2020) was implemented to determine if score interpretations about what students know and can do across achievement levels remained similar and true to the RALDs across years.

Biography: Christina Schneider, Ph.D. is a senior director of psychometrics for Cambium Assessments. She is the co-author of the innovative Achievement Level Descriptor development framework that since 2012 has been used by 45% of states to describe expected within-grade progressions of achievement in regard to state standards. She currently focuses on test design and research on the cognitive complexity of items. Christina has been the lead author of two professional development curriculums for teachers on formative classroom assessment, and she was the principal investigator of one of the first cluster-randomized trials in the nation investigating the effects of teacher professional development in formative practices on teacher and student achievement. Her research has been published in *Applied Measurement in Education*, *Peabody Journal of Education*, *Journal of Psychoeducational Assessment*, *Journal of Multidisciplinary Evaluation*, and *Educational Assessment*. Most recently, Christina authored a book about classroom assessment design for teachers called *Using Formative Assessment to Support Student Learning Objectives*.

Career and Technical Education Research, Policy, and Practice

Organizers:

Angela Estacion, WestEd
Lakshmi Jayaram, Inquiry Research Group

Facilitator:

Angela Estacion, WestEd

Description: This symposium addresses the topic of Career and Technical Education (CTE) from research, practice, and policy perspectives. In particular, this symposium brings together CTE research from two ongoing Florida-based studies; a first-hand account of recruiting and retaining students in CTE programs from a CTE practitioner/leader at a Florida Hispanic Serving Institution; and discussion of the CTE policy landscape led by a Director of Public Policy from a national CTE association. The goal of this symposium is to generate research-based discussion and dialogue relevant to various stakeholders about CTE.

Presentation #1:

Sub-baccalaureate Career and Technical Education: A Study of Institutional Practices, Labor Market Demand, and Student Outcomes in Florida

- Angela Estacion, WestEd
- Cameron Sublett, WestEd
- Jenna Terrell, WestEd
- Diana Roldan-Rueda, WestEd

Presentation #2:

Perspectives from the Field: CTE Instructors' Experience Teaching through the Pandemic at Two-Year Colleges

- Lakshmi Jayaram, Inquiry Research Group
- Marilyn Barger, Florida Advanced Technological Education Center (FLATE)

Presentation #3:

Biotechnician Recruitment and Retention at a Florida HSI

- Alexandra Gorgevska, Palm Beach State College

Presentation #4:

The State of CTE Policies

- Alisha Hyslop, Association for Career and Technical Education® (ACTE®)

COFFEE BREAK

9:00 am – 10:00 am Grand Foyer

Sponsored by:
USF College of Education

Please join us for a coffee break sponsored by USF College of Education.

GRADUATE STUDENT POSTER SESSION

9:00 am – 10:00 am Grand Foyer

Graduate Student Poster Session 2021

First-Generation College Students and Their Stakeholders: Recommendations to Ensure Academic Success

- Michael Allen Poole, University of Central Florida

A Comparison Between the Use of Latent D-scoring Method Models and Item Response Theory Models with Respect to Item Fit and Person Recovery Parameter

- Mohammed Alqabbaa, University of Florida

Identifying the Factors in the Success of Black, Male STEM Doctoral Academicians

- Andria G. Cole, Florida State University

Conversational agents with Artificial Intelligence (AI) for learning: Opportunities and challenges

- Chih-Pu Dai, Florida State University

Examining Reasoning about Complex Numbers from the Perspective of Number Worlds

- Spirit Karcher, Florida State University
- Ian Whitacre, Florida State University
- Jessica Smith, Florida State University

Combating Low Digital Literacy in the College Classroom- A Systematic Literature Review

- Ryan Hiller Hiller, Florida Southern College

A Self-Study of Teacher Educator Seeking Teacher Agency through Visual Metaphors

- Arwa Alazwari, University of South Florida

Self-awareness of Counselors-in-Training: Quantitative Study

- Alexis Akins, Florida A&M University

College Preparedness and the Role of Special Education Professionals

- Clarissa Harris, Florida Southern College

Presence of School Resource Officers in Alternative Schools

- Lelydeyvis Boza, University of Florida

Exclusionary Discipline with Constrained Resources: Do Schools with Fewer Personnel Use Exclusionary Discipline at Higher Rates?

- Steven Carlo, University of Florida
- F. Chris Curran, University of Florida

Thursday, November 18

To Reflect or Not to Reflect?: The Role of Reflection in HBCU Preservice Teachers' Development during an Online Literacy Tutoring Program

- Jhaneil Thompson, Florida A&M University
- Cheron Hunter, Florida A&M University
- Tiwana Herring, Florida A&M University

INVITED SESSION

10:00 am – 11:00 am Bayshore Ballroom

Navigating K-12 School District IRBs

Moderator:

Andre Powder, Polk County Public Schools

Panel:

Autumn Frei, Pinellas County Schools
Anthony William Raborn, Pasco County Schools
Dawn Robertson, Polk County Public Schools
Kimberly Schwartz, Hillsborough County Public Schools

Description: An overview of the various IRB processes in K-12 school districts will be followed by a Panel Discussion from district experts. Topics will include COVID safety protocols and impact on research in school districts and the research initiatives and priorities of districts.

RESEARCH IN K-12 EDUCATION

11:00 am – 12:30 pm Hillsborough

Examining Educator Ethos: Shifting deficit thinking to inclusivity and acceptance

- Jennifer Rinck, Pasco County Schools
- David Scanga, Pasco County Schools

Cultivating Change Agency of Novice Principals Through Engagement of Professional Networks

- David Scanga, Pasco County Schools
- Jennifer Rinck, Pasco County Schools

Comprehensive Literature Review of Scientist-School Partnerships through School Outreach

- Brian Abramowitz, University of Florida
- Megan Ennes, University of Florida
- Brittany Kester, University of Florida
- Pavlo Antonenko, University of Florida

Drawing Connections Amid Physical Distance: Learning from the Pandemic through a Meaningful School District and Educational Research Partnership

- April Fleetwood, Florida Virtual School

Thursday, November 18

A meta-analysis examining the effects of STEM+CT interventions on STEM learning performance in K-12 education

- Albert D. Ritzhaupt, University of Florida
- Li Cheng, University of Florida
- Xiaoman Wang, University of Florida

RESEARCH METHODS, MEASUREMENT, AND STATISTICS II

11:00 am – 12:30 pm Bayshore Ballroom

Hispanic/Latina/o/x Students' School Experiences at a Hispanic-Serving Institutions

- Marlynn López, Florida Atlantic University
- María Vásquez-Colina, Florida Atlantic University
- Maysaa Barakat, Florida Atlantic University
- Andrea Guzmán, University of Central Florida

Testing Measurement Invariance Over Time in Intensive Longitudinal Data

- Eunsook Kim, University of South Florida
- Chunhua Cao, University of Arkansas
- Siyu Liu, University of South Florida
- Yan Wang, University of Massachusetts Lowell

Exploratory Measurement Model Discovery with Simulated Annealing

- Anthony Raborn, Pasco County Schools
- Walter Leite, University of Florida

Teach Excel the General Linear Model for Fun and Student Profit

- Mary G. Lieberman, Florida Atlantic University
- John D. Morris, Florida Atlantic University

Examining gender differences in math scores conditional on self-efficacy

- Kuan Wei Fong, Florida State University

A Mixed Methods Study of Immigrant's Educational Experiences: Aspirations and Challenges

- María Vásquez-Colina, Florida Atlantic University
- Dustin Pappas, Florida Atlantic University
- Maysaa Barakat, Florida Atlantic University

TEACHER INQUIRY STRAND I

11:00 am – 12:30 pm Gasparilla

Research communities of practice: Examining K-12 educators' perceptions of action research after receiving targeted professional development

- Michelle Vaughan, Florida Atlantic University
- Agnes Timar, A.D. Henderson University School/FAU High School
- Melissa Mariani, Florida Atlantic University
- Elisa Calabrese, A.D. Henderson University School/FAU High School
- Tricia Meredith, A.D. Henderson University School/FAU High School

Thursday, November 18

First Chapter Friday and Its Effect on Reading Motivation

- Caitlin Guthrie, A.D. Henderson University School

The Impact of Mindful Writing Activities on Student Self-Perception of Poetry Writing Abilities

- Kristin Potter-Oliveri, A.D. Henderson University School

Effects of Providing Parents with an IEP Meeting Prep Pack and Participation in Virtual IEP Meetings

- Lyndsay Tolerton, A. D. Henderson University School

A Grounded Theory of Overcommitment in Undergraduate College Students

- Molly Adam, Florida Atlantic University

GRADUATE STUDENT LUNCHEON

12:30 pm – 2:00 pm Polinciana

FERA Graduate Student Business Meeting Luncheon

**Sponsored by:
Bruce Hall**

Graduate Student Coordinators:
Huibin Zhang, University of Florida
Lodi Lipien, University of South Florida

**Strategies for College-Level Student Engagement in Multiple Modalities:
Learning from a Longitudinal Study on Yellowdig, a Community-Building
Platform Designed for Collaboration, Social Presence, and Gamification**

Speakers:
Aimee Whiteside
Suzanne Ensmann

Description: The guest speakers, Drs. Aimee Whiteside and Suzanne Ensmann will showcase a study through the lens of disruptive innovation theory that explores student engagement with a tool called Yellowdig. Using the Electronic Learning Satisfaction Survey (eLSS) framework and survey tools developed by Dr. Albert Ritzhaupt at the University of Florida combined with other triangulated methods, our initial findings across multiple courses suggest that instructors can leverage gamification and social media-like reactions to foster student engagement, course satisfaction, and critical connections. Lessons learned include using data analytics to monitor student engagement while allowing faculty the time to facilitate just-in-time learning.

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Biography: Aimee Whiteside is an associate professor at the University of Tampa where she chairs the Online Teaching and Learning Committee. She co-edited the 2017 book, *Social Presence in Online Learning: Multiple Perspectives on Research and Practice*, with Amy Garrett Dikkers and Karen Swan. Her work has been featured in several peer-reviewed journals, including the Online Learning Journal, Journal of Interactive Online Learning, International Journal of ELearning and Distance Education, EDUCAUSE Review, and the Online Learning Consortium's Effective Practices. Additionally, she has written chapters in several books, such as *Emotions, Technology, and Learning* and *Computer-Mediated Communication across Cultures: International Interactions in Online Environments* as well as special volumes in the *Advances in Research on Teaching* and the *New Directions in Teaching and Learning*.

Biography: Suzanne Ensmann is an assistant professor for the instructional design and technology graduate-level program for The University of Tampa. Ensmann creates, develops, and teaches hybrid and online courses in the area of instructional design, distance education, research, human and program performance, and evaluation. Ensmann implemented the first Adult Education comprehensive online program offered at a state college in Florida and had been appointed to the iCivics Teacher Council by Justice O'Connor to support educational simulations and resources. Her research interests include digital-game-based learning, focus on the whole student's health and well-being using digital devices, and global learning. Most recently Ensmann's peer-reviewed articles included *Connections Before Curriculum: The Role of Social Presence During COVID-19 Emergency Remote Learning for Students* in the Online Learning Journal with Aimee Whiteside, Lina GomezVasquez, and Ronda Sturgill and *Digital Games to Improve Learning in Haiti* in TechTrends.

LUNCH ON YOUR OWN

12:30 pm – 2:00 pm

Not Everything Goes: Mapping Ethical Lines in Inquiry

Speaker:

Aaron M. Kuntz, Florida International University

Description: In this presentation I consider ethics from the orientation of relational materialism and emphasize ethical engagement as enacted, not applied. I do so in response to two contemporary concerns regarding research ethics: 1) that ethics have become procedurized within institutional environs, resulting in a static sense of ethics-as-conclusion; 2) that poststructural interpretations of inquiry have been misunderstood as promoting an “anything goes” approach to research in education, resulting in a vacuous sense of ethical relativism. In response, I offer a cartographic engagement with ethics that promotes ethical practices of mapping, short-circuiting, and confecting—all potential elements of research practice. I ground this presentation through an examination of conventional qualitative research practices as applied within educational settings.

Biography: Dr. Aaron M. Kuntz is Professor of Research Methodology and Department Chair of Counseling, Recreation and School Psychology at Florida International University, where he currently holds the Frost Professorship of Education and Human Development. Dr. Kuntz’s research focuses on developing “materialist methodologies” – ways of producing knowledge that take seriously the theoretical deliberations of critical theory, relational materialism, and poststructuralism that have emerged in social theory over the past fifty years. He grounds this work in empirical questions about the production of inquiry in the K-16 arena, faculty work and activism in postsecondary institutions, and the impact of the built environment on learning.

Dr. Kuntz’s publications appear in a diverse array of research and methodological journals. His co-authored book projects include *Qualitative Inquiry for Equity in Higher Education: Methodological Implications, Negotiations, and Responsibilities* (Jossey-Bass Press), *Leading Dynamic Schools: Implementing Ethical Education Policy* (Corwin Press), and *Citizenship Education: Global Perspectives, Local Practices* (Routledge Press).

In 2015, Dr. Kuntz published his first solo-authored book, *The Responsible Methodologist: Inquiry, Truth-Telling, and Social Justice* (Routledge Press) which was selected as Honorable Mention for the 2017 AERA Qual SIG book award.

Dr. Kuntz’s latest book, *Qualitative Inquiry, Cartography, & the Promise of Material Change* (Routledge Press) was awarded the 2020 Outstanding Book Award from the Qualitative SIG at AERA.

COFFEE BREAK

3:15 pm – 3:30 pm Grand Foyer

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Florida Gulf Coast University

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INSTRUCTIONAL TECHNOLOGY II

3:35 pm – 4:35 pm Westshore

What are the trends and priorities of Educational Technology research? A Delphi study of journal editors

- Xiaoman Wang, University of Florida
- John Hampton, University of Florida
- Albert D. Ritzhaupt, University of Florida
- Kara Dawson, University of Florida

Instructional Elements in an Information Literacy e-Book and their Influence on Learner Outcomes

- Max Sommer, University of Florida
- John Hampton, University of Florida
- Angela Kohnen, University of Florida
- Albert D. Ritzhaupt, University of Florida

Examining the accelerated playback hypothesis of time-compression in multimedia learning environments: A meta-analysis study

- Albert D. Ritzhaupt, University of Florida
- Li Cheng, University of Florida
- Raymond Pastore, University of North Carolina Wilmington

RESEARCH METHODS, MEASUREMENT, AND STATISTICS III

3:35 pm – 4:35 pm Hillsborough

Argument-based Fairness in Educational Measurement

- Anne Corinne Huggins-Manley, University of Florida

Ex Post Facto Analysis of Intersectional Barriers to STEM Internship Success

- Troy Hershberger, Florida Southern College

A critical theory approach to quantitative research

- Eric Wright, University of Florida
- Pengfei Zhao, University of Florida

Participatory Action Research as a Pathway to Liberation: From The Decolonization (or not) of a University Laboratory School to The Liberation of a Teacher: An Autoethnography

- Karla Lee Haas Moskowitz, P.K. Yonge DRS

How real-world applications in Mathematics support student learning during the COVID-19 pandemic

- Angelique Diaz, Hillsborough County Public Schools
- Sarah Van Ingen, University of South Florida

Student Teachers Perception of a Wellness Program within a literacy summer camp

- Camille Lewis, Florida State University/Leon County Schools
- Re'Shaun Blake, Florida State University
- Victoria Hernandez, Florida A & M University

Using Knowledge of Motivational Beliefs to Enhance Student Engagement

Speaker:

Bobby Hoffman, University of Central Florida

Description: COVID-19 instigated a profound negative impact on the ability of qualified teachers to orchestrate effective learning outcomes. As a result, educators are faced with dilemmas concerning instructional modalities, optimal pedagogy, and most importantly how to motivate learners despite the pandemic constraints. One powerful yet often overlooked factor that contributes to learning is the hidden influence of motivational beliefs. This session features a discussion of attributions, self-efficacy, mindset, and other self-beliefs that influence goal setting, effort investment, learner strategy choice, and ultimately academic success. Participants will learn how to debunk motivational misconceptions, identify which beliefs are key to student engagement, and how to create a robust learning culture regardless of instructional modality. The session concludes with a review of strategies designed to attain optimal learner engagement across contexts.

Biography: Dr. Bobby Hoffman is an Associate Professor, researcher, and author who specializes in motivation science and solving the mysteries of human behavior. As Director of the Applied Learning & Instruction, MA degree he regularly teaches courses in motivation, cognition, and human intelligence. However, he is not your typical academic. Before earning his PhD in Educational Psychology, he worked for over 20 years in HR management and performance consulting for some of the world's most successful companies including GE, NBC, KPMG, and the NBA. He also has a MA degree in Human Resources Psychology, in addition to a Psychology BA.

Thursday, November 18

Dr. Hoffman is the author of four books including his latest *Hack Your Motivation*, as well as *Motivation for Learning and Performance*, which upon release was ranked the #1 new book in Cognitive Psychology according to Amazon.com. Dr. Hoffman is a regular contributor to the *Psychology Today* website where his blog “Motivate” has been viewed over 700,000 times. He has twice served as conference chair for the American Psychological Association and once for the American Educational Research Association where he planned and coordinated all conference presentations related to motivation and cognition research.

Join over 13,000 others and follow him on Twitter at ifoundmo for daily updates on teaching, learning, leadership, and motivation.

RECEPTION

6:15 pm – 8:00 pm Atrium I

Evening Reception

**Sponsored by:
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Description: Please join us for the Thursday night reception, sponsored by Caveon Test Security. All FERA attendees are welcome to attend the Thursday night reception. The event includes hors d’oeuvres, cash bar, and conversation with educational researchers from across the state of Florida.

Friday, November 19

REGISTRATION

8:00 am – 11:00 am Grand Foyer

COFFEE BREAK

8:30 am – 9:00 am Grand Foyer

**Sponsored by:
University of Florida**

Please join us for a coffee break sponsored by the University of Florida.

eLEARNING

9:00 am – 10:30 am Westshore

What's Happening [in the Forum]: A Systematic Review of MOOC Discussion Forums

- Rob Moore, University of Florida

What are the Difficulties for Students Who Drop Out of Distance and Online Learning and What Can We Do To Help Them?

- Louise Sauve, Université TÉLUQ / SAVIE
- Guillaume Desjardins, Université du Québec en Outaouais
- Cathia Papi, Université TÉLUQ
- Serge Gérin-Lajoie, Université TÉLUQ

Mathematics and Science PSTs' Self-Efficacy for Teaching Synchronously with Online Technologies

- María L. Fernández, Florida International University
- Jeehyun (Jina) Park, Florida International University
- Shemail Fatima, Florida International University
- Elizabeth Forde, Florida International University

Metacognition to Counter Misinformation: A Systematic Review of the Intersection of Metacognition and Credibility Assessment

- Max Sommer, University of Florida

What's Your Style? Using Text Analysis to Determine MOOC Forum Writing Styles

- Rob Moore, University of Florida
 - Chuang Wang, University of Macau
-

LITERACY & WRITING

9:00 am – 10:30 am Hillsborough

HBCU Elementary Education Preservice Teachers' Beliefs About Early Literacy Learning

- Cheron H. Davis, Florida A&M University

Early Literacy Development in Cinyanja Language in Pre-primary School Children in Lusaka District of Zambia and the contribution of the home environment

- Agnes Chileshe Chibamba, The University of Zambia, Florida State University
- Geoffrey Kazembe Tambulukani, The University of Zambia
- Stephanie Zuilkowski, Florida State University

Theory and Practice of COCA in EAP Writing Courses: New Research Findings in Lexical Collocation Explicit Instruction

- Imelda Bangun, Chuck Shaw Technical Education Center
- John Liontas, University of South Florida
- Siying Li, University of South Florida

RESEARCH IN HIGHER EDUCATION

9:00 am – 10:30 am Gasparilla

A Review of Syllabi of University Courses Focusing on Causal Inference

- Siyu Liu, University of South Florida
- Robert Dedrick, University of South Florida
- Yi-Hsin Chen, University of South Florida
- John Ferron, University of South Florida
- Gen Li, University of South Florida
- Elif Topsakal, University of South Florida
- Myrna Veguilla, University of South Florida
- Jennifer Wolgemuth, University of South Florida
- Yue Yin, University of South Florida

Prediction of Retention for Nontraditional Students in Community Colleges

- Lantry Brockmeier, Valdosta State University
- Brandy D. Taylor, Valdosta State University
- James L. Pate, Valdosta State University
- Michael J. Bochenko, Valdosta State University

Open Educational Resources in Higher Education: Perceptions and Academic Outcomes

- Amber Mullens, University of Central Florida

The Possibilities of Compassion: Reorienting Higher Education Organizational Systems for Flourishing

- Rachel Keener Killam, University of South Florida and The University of Tampa

INVITED SESSION

10:45 am – 11:00 am Bayshore Ballroom

Updates from “The Forum”

Speaker:

Peggy Jones, Pasco County Schools

Description: The National Cooperative Education Statistics System was established by the Hawkins-Stafford Education Improvement Amendments of 1988 (Public Law 100-297) to produce and maintain, with the cooperation of the states, comparable and uniform education statistics. It retains this responsibility under the mandate of the Education Sciences Reform Act of 2002 (Public Law 107-279). The National Center for Education Statistics established the National Forum on Education Statistics, known as the Forum, in 1989 to assist in meeting the goals of the Cooperative System by improving the collection, reporting, and use of elementary and secondary education statistics. Since 1990, the Forum has published over 60 best-practice publications on topics of interest to the education data community. The Forum has also produced online courses, videos, newsletters, and other resources. All Forum resources are available for free on the Forum website. This session will provide an overview of the Forum and the resources available.

INVITED CLOSING SESSION

11:00 am – 12:00 pm Bayshore Ballroom

State of the State

Speaker:

Vince Verges, Florida Department of Education

Description: Vince Verges, who is an Assistant Deputy Commissioner at the Florida Department of Education, will share pertinent information and updates on Florida’s statewide assessment system. Attendees will have the opportunity to ask questions and share their thoughts.

Biography: Vince Verges has overall responsibility for Florida’s K-12 statewide summative assessment system, as well as the Florida Teacher Certification Examination and the Florida Educational Leadership Exam. He has been with the Department for sixteen years and has been involved in developing Florida’s statewide assessments since 1999. Prior to coming to the Department, Vince served for ten years in Florida’s public schools and colleges as an elementary school assistant principal, high school mathematics teacher, and adjunct mathematics instructor in the Florida College System. He was named Taylor County Teacher of the Year in 2000. Before his career in education, Vince served for seven years in the U.S. Navy

Friday, November 19

as a navigator aboard the EA-6B Prowler electronic warfare aircraft. His squadron was aboard the USS Independence during Operation Desert Shield prior to the First Gulf War. He is a 1987 graduate of Florida State University and earned his MA in Educational Leadership from Florida A & M University in 2001.

FERA LUNCHEON

12:00 pm – 1:30 pm Bayshore Ballroom

Annual Business Meeting and Award Luncheon

**Sponsored by:
NWEA**

Please join us for our annual business meeting and awards luncheon. The luncheon is sponsored by **NWEA**. During the luncheon, we announce the winner of each award; summarize the annual report of business activities; acknowledge the contributions of sponsors, volunteers, and active FERA members; and hold nominations and elections for leadership positions.

EXECUTIVE BOARD MEETING

2:00 pm – 4:00 pm Belleair

2021 FERA Leadership

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	Novell Tani	Florida Agricultural and Mechanical Univ.
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	María Vásquez-Colina	Florida Atlantic University
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	Lodi Lipien	University of South Florida
	Deborah Christie	University of South Florida
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	Frank Gilbert	Retired, Orange County Schools
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	Mijana Lockard	Polk County Public Schools
Paper Proposal Review	Qian Zhang	Florida State University
	Alia Hadid	University of Rhode Island
	Lantry Brockmeier	Valdosta State University
Teacher Inquiry Strand	Allan Feldman	University of South Florida
	Michelle Vaughan	Florida Atlantic University
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Distinguished Paper Award	Yanyun Yang (Chair) Wei Li Suleyman Olgar Insu Paek Alexandra Panos	Florida State University University of Florida Florida Department of Education Florida State University University of South Florida

Paper Proposal Reviewers

Reviewer Name	Reviewer Affiliation
Qian "Jackie" Zhang	Florida State University
Alia Hadid	University of Rhode Island
Lantry Brockmeier	Valdosta State University
Michelle Vaughan	Florida Atlantic University
Allan Feldman	University of South Florida
Lodi Lipien	University of South Florida
Huibin Zhang	Florida State University
David Lamb	University of South Florida
Jennifer Wolgemuth	University of South Florida

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Anthony Raborn	Pasco County Schools
April Fleetwood	Florida Virtual School
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Seyedahmad Rahimi	University of Florida
Sitwe Benson Mkandawire	The University of Zambia/Florida State University
Siyu Liu	University of South Florida
Troy Hershberger	Florida Southern College
Xiaoman Wang	University of Florida
Ziying Li	University of Florida

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Name	University Affiliation
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*Don Lambert was installed in January 1980. Annie Ward was installed in November 1980.

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