Program
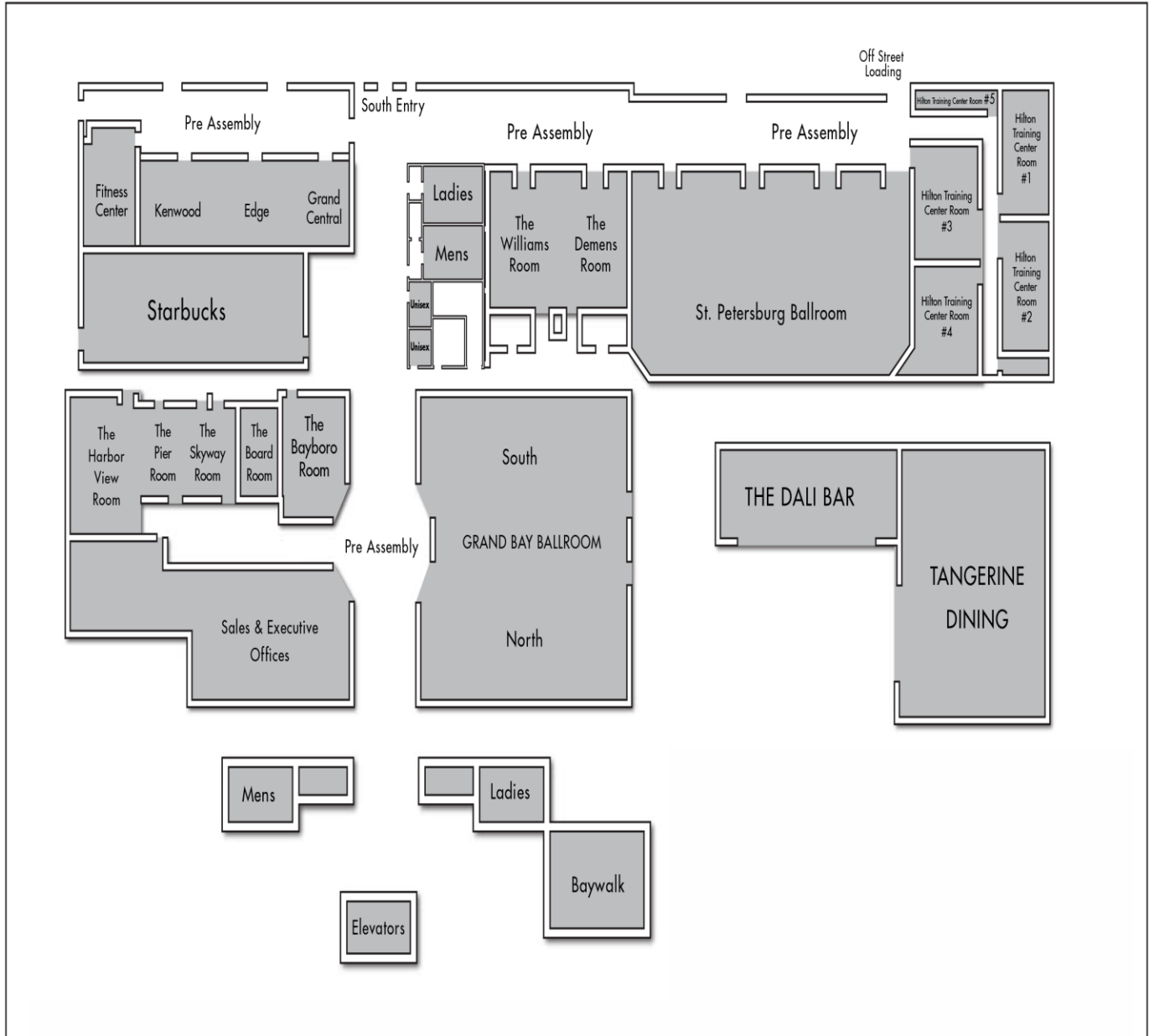
Florida Educational Research Association

64th Annual Meeting

The Hilton St. Petersburg Bayfront, St. Petersburg, FL

November 13-15, 2019

Hotel Floor Plan

Off Street Loading

South Entry

Pre Assembly

Pre Assembly

Pre Assembly

Pre Assembly

Hilton Training Center Room #5

Fitness Center

Kenwood

Edge

Grand Central

Ladies

Mens

Unisex

Unisex

Starbucks

The Williams Room

The Demens Room

St. Petersburg Ballroom

Hilton Training Center Room #3

Hilton Training Center Room #4

Hilton Training Center Room #1

Hilton Training Center Room #2

The Harbor View Room

The Pier Room

The Skyway Room

The Board Room

The Bayboro Room

South

GRAND BAY BALLROOM

North

THE DALI BAR

TANGERINE

DINING

Pre Assembly

Sales & Executive Offices

Mens

Ladies

Baywalk

Elevators

Thank You to Our Sponsors!

American Institutes for Research
Caveon, LLC
Curriculum Associates
Northwest Evaluation Association
Pearson
PowerSchool Group LLC
University of Florida
University of South Florida
Albert D. Ritzhaupt
Jennifer Wolgemuth

Wednesday, November 13

PROFESSIONAL DEVELOPMENT SESSION   9:30 am – 11:30 am   St. Pete I

How Can Schools Use the Assessment Process to Inform Instruction?

Workshop Facilitator:

Dr. David Nelson, PowerSchool Group LLC

Description: In this preconference professional development session, we will discuss the role of the elements of the assessment process – in addition to assessments themselves – as powerful tools to inform the instructional program in K-12 classrooms. Through the lens of teachers, school leadership, and district administrators, the use of best practice in focusing on salient standards, developing instructional rubrics, blueprinting assessment for validity, and creating quality items will be discussed. Importantly, the role of data protocols in guiding practitioners in making sound decisions will be highlighted.

Biography: Dave Nelson, Ph.D., has worked in public schools for over 20 years, and is a Senior Educational Impact Consultant with PowerSchool. In addition to teaching science for 15 years in Calvert County, Maryland, Dave also worked as an assessment development specialist for science, ELA, and math content areas. In developing assessments, Dave has worked directly with curriculum and instruction leaders and their teachers to support the development of effective and efficient assessments that inform teaching and learning. Dave completed his Ph.D. with an emphasis in measurement and assessment at George Mason University in Fairfax, VA.

LUNCH ON YOUR OWN   11:30 am – 12:45 pm

12:45 pm – 2:00 pm   St. Pete I

Relationships Between Poverty and School Performance

Speakers:

Dr. Andy Hegedus, Center for School and Student Progress, NWEA

Description: This new study examines the relationship between poverty and school performance, and the impact of using achievement status to evaluate school performance. The study provides compelling evidence affirming educator beliefs that high-levels of learning are occurring in some high-poverty schools, and debunks the assumption that high-achieving schools are uniformly growing kids at higher rates. We discuss how education policies that identify and seek to improve low-performing schools may be unintentionally perpetuating education inequity. We also describe how all communities deserve transparency in reporting both achievement and academic growth of individual students and students within a school; both measures are important, and they each tell us different things. Come join us and learn what the results mean to leaders working to improve schools and districts every day.

Biography: Andy consults with educators across the country and manages large research projects focused on understanding the drivers for growth in schools with differing levels of challenges. Andy holds an Ed.D. in education leadership from the University of Delaware, a M.S. in mechanical engineering from Drexel University, and a B.S. in nuclear engineering from The Pennsylvania State University. Andy is also a Broad Superintendents Academy Fellow. Andy's research on poverty and school performance has been featured on outlets such as NPR, Education Dive, Ed Week, and Future Ed.

Wednesday, November 13

COFFEE BREAK   `2:00 pm – 2:15 pm   Pre-Assembly`

Sponsored by:
TBA

INVITED SYMPOSIUM   `2:45 pm – 4:15 pm     St. Pete I`

Description: An overview of the Hispanic Serving Institutions (HSI) in Florida including initiatives, scholarship, and importance will be followed by a Panel Discussion from university experts.

Moderator: Dr. Maria Vasquez, Florida Atlantic University

Panel
Dr. Sunem Beaton-Garcia, Interim Campus President, Broward College
Dr. Bret Danilowicz, Provost, Florida Atlantic University
Dr. Lee Thomas, Dean of Academic Affairs, Hillsborough Community College
Dr. Joaquin Martinez, Vice Provost, Institutional Effectiveness, Miami-Dade College
Dr. Meline Kevorkian, Associate Provost, Nova Southeastern University
Dr. Jeremy Moreland, Provost and Chief Academic Officer, St. Thomas University
Dr. Leisha Cali, Professor and Director of English as a Second Language Program, Hodges University
Dr. S. Kent Butler, Interim Chief Equity, Inclusion, and Diversity Officer, Professor, Counselor Education, University of Central Florida

---

SPONSORED PRESENTATION   `2:15 pm – 3:30 pm    St. Pete II`

Conducting Test Security Investigations: A Stepwise Approach

Sponsored by:
Caveon, LLC

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

Description: During the administration of statewide assessments, test security incidents can occur causing the need for further investigation. Conducting investigations can be a daunting task for school officials. Since the results of the investigation can lead to further action, it is imperative that a stepwise approach is conducted. This session will teach attendees a thoughtful and deliberate approach to conducting a test security investigation. At the end of the session, attendees will be able to:

- Understand the importance of implementing policies and procedures during testing
- Follow an approach to conducting test security investigations
- Understand how test security interviews are conducted
- Draft test security investigation reports

Biography: Steve 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.

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. An avid cyclist and skier, Steve resides in Park City, Utah with his wife and two children.

Biography: Walt Drane 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.

RESEARCH WITH PRESERVICE TEACHERS   2:15 pm - 3:30 pm   Kenwood

Using data collection tools to enhance university supervisors' socially just teaching practices
- Jennifer McCorvey, University of South Florida
- Jennifer Perez, University of South Florida

Preparing preservice teachers to be agents of social justice: Examining the effectiveness of using literature circles in an HBCU reading methods course
- Cheron H. Davis, Florida A&M University
- De'Keria Hunter, Florida A&M University

Perspectives of pre-service teachers on purpose within education
- Doug Feldmann, Northern Kentucky University

Holy *&@#! Why am I doing this job? Formative experiences of novice teachers
- James Lane, University of Phoenix

An examination of novice teachers' identity development who participated in a comprehensive induction program
- Melissa McAllister, St. Petersburg College

<u>VIRTUAL LEARNING</u>   `2:15 pm - 3:30 pm   Edge`

Common and best practices in blended learning communities
- April Fleetwood, Florida Virtual School
- Gina Tovine, Florida Virtual School
- Richard Hartshorne, University of Central Florida
- Nicole Damico, University of Central Florida
- Deborah Klipp, Florida Virtual School

Hospital homebound students in online school
- April Fleetwood, Florida Virtual School
- Gina Tovine, Florida Virtual School
- Erik Black, University of Florida

An exploration of K-12 students' conceptions of learning with technology: A drawing analysis
- Max Sommer, University of Florida
- John Hampton, University of Florida
- Jingwei Li, University of Florida
- Albert Ritzhaupt, University of Florida
- Kara Dawson, University of Florida
- Pavlo Antonenko, University of Florida
- Chin-Chung Tsai, National Taiwan University of Science and Technology

Change over time: Growth in administrator digital instructional leadership
- Brian K. Sanchez Corona, University of Central Florida/Orange County Public Schools
- Marjorie Ceballos, University of Central Florida
- Andrew Shepher, Florida Virtual School

Wednesday, November 13

Impact of virtual education on post-secondary success
- Gavin McGerald, Florida Virtual School

SEL AND SAFETY   2:15 pm - 3:30 pm   Grand Central

Concealed carry on campus and its impact on faculty, staff and students
- Dionna Doss, Florida Southern College

The social-emotional side of leaders while confronting challenges and managing change
- Ellie Drago-Severson, Columbia University, Teachers College
- Pat Maslin-Ostrowski, Florida Atlantic University
- Jessica Blum-DeStefano, Bank Street College of Education

Scoping sources: What do we know about the literature on MTSS professional Dpdevelopment?
- Nicholas L Scheel, University of South Florida
- Stephanie Green, University of South Florida
- Jennifer R Wolgemuth, University of South Florida
- Jose M Castillo, University of South Florida
- Diana S Ginns, University of South Florida
- Kelli Henson, Nicholls State University
- Sarah Thoman, University of South Florida
- Joseph Latimer, University of South Florida
- Sara Moulton, University of Minnesota
- Sarahy Durango, University of South Florida

Attendance matters: Why attending school in early grades is important for future success
- Samantha Hooper, Hillsborough County Public Schools

Mindfulness meditation and undergraduate psychological distress
- Shiva Jahani, University of Central Florida
- Kelsey Evans, Delta State University
- Suat Babayigit, University of Central Florida

QUALITATIVE RESEARCH AND RESEARCH METHODOLOGY   3:45 pm - 5:15 pm St. Pete III

Researching the vulnerable
- Alia Hadid, University of South Florida

Engaging with 21st century methodologies in contemporary education research: Developing A multi-sited, distance, online ethnography.
- Daniel Lee, University of Tasmania
- William Baker, University of Tasmania
- Nick Haywood, University of Tasmania

A research methodologist leads the way to correct course evaluation analysis
- Dan Morris, Florida Atlantic University
- Maria Vaʲsquez-Colina, Florida Atlantic University
- Mary G. Lieberman, Florida Atlantic University

Developing researcher-identities with PURPOSE: Partners united for research pathways oriented to social justice in Education
- Alysia Roehrig, Florida Atlantic University
- Novell E. Y. Tani, Florida Atlantic University
- Mariana Talpau Joos, Florida Atlantic University
- Julieth Da-az, Florida Atlantic University
- Erik Rawls, Florida Atlantic University
- Jeannine Turner, Florida Atlantic University
- Cheron Davis, Florida Atlantic University
- CheYeon Ha, Florida Atlantic University
- Peggy Auman, Florida Atlantic University
- James Hernandez, Florida Atlantic University

Stop the summer slide and improve outcomes: An evaluation of a summer reading and STEM program for 2nd and 3rd grade students
- Amanda Prive, Hillsborough County Public Schools

STATISTICS   3:45 pm - 5:15 pm Kenwood

A comparison between R and Python for propensity score analysis
- Joel Messan, Florida State University
- Abdullah Alsayar, Florida State University

Multicollinearity's effect on regression estimation accuracy
- Mary G. Lieberman, Florida Atlantic University
- Dan Morris, Florida Atlantic University

Tales of hypotheses: One tailed t-tests for equivalence
- Eugene Komaroff, Keiser University

The relationship between divergent thinking and creative personality
- Lu Liu, Florida State University
- Yanyun Yang, Florida State University
- Xiaoling Liu, East China Normal University

Detecting heterogeneous treatment effects in an experimental study of a personalized learning algorithm
- Huan Kuang, University of Florida
- Walter Leite, University of Florida
- Zeyuan Jing, University of Florida

VIRTUAL LEARNING   3:45 pm - 5:15 pm Edge

Evaluating the multimedia and modality principles including eye-tracking data
- Jiawen Zhu, University of Florida
- Kara Dawson, University of Florida
- Albert Ritzhaupt, University of Florida
- Pavlo "Pasha" Antonenko, University of Florida
- Jiahui Wang, Kent State University

Future instructional designers' perceptions of online Problem-Based Learning (PBL)
- Chih-Pu Dai, Florida State University
- Yujin Park, Florida State University
- Anita Mitchell, Florida State University

Exploring student and teacher usage patterns associated with student attrition in an open educational resource-based online learning platform
- Dongho Kim, University of Florida
- Yongseok Lee, University of Florida
- Walter Leite, University of Florida
- A. Corinne Manley, University of Florida

Culturally responsive pedagogy: Online and face-to-face in the classroom learning environment
- Leona M. Johnson, Florida A&M University

Wednesday, November 13

Expanding inclusive higher education options for students with intellectual and developmental disabilities in Florida
- Lyman Dukes, University of South Florida
- Philip Sasse, University of Central Florida
- Jaimie Timmons, University of Massachusetts

Grit, self-efficacies, & GPA in HBCU students
- Novell Tani, Florida A&M University

Reading outside of the box: Emergent reader gains via tutoring
- Cheron H. Davis, Florida A&M University
- Novell Tani, Florida A&M University

The unintended consequences of labeling: Three educational psychologists start a cross-cultural conversation
- Jonathan Coker, University of South Florida
- Deborah Christie, University of South Florida
- Jennifer Barreto, University of South Florida

INVITED SESSION   4:30 pm – 5:45 pm   St. Pete I

Recent Research in Standard Setting

Speakers:
Mark Reckase, Michigan State University
Steve Ferrera, Cognia

Moderator:
Vince Verges, Florida Department of Education

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.

Biography: Dr. Steve Ferrara is Senior Advisor for Measurement Solutions at Cognia. His career includes teaching and advocating for special education, serving as a state assessment director, conducting award winning research and innovation in assessment, language assessment, and psychometrics research.

RECEPTION   5:30 pm – 7:30 pm   Pre-Assembly

Evening Reception:
Creating Collaborations for the Generation of Educational Research

Hosts:
Peggy Jones, Pasco County Schools
A. Corinne Huggins-Manley, University of Florida

Description: Join us for our second annual *Collaborations* event, designed to facilitate your development of collaborative relationships between district, academic, and industry personnel with common educational research interests. Hors d'oeuvres, drinks, and a cash bar will be available, along with some designated areas to help you locate like-minded persons from other spaces of Florida educational research. Attendees are free to enjoy the reception in any way they like, including using this opportunity to speak with new people and form new research-based collaborations.

Sponsored by:
TBA
&
TBA

Wednesday, November 13

Thursday, November 14

COFFEE BREAK   8:00 am – 8:30 am   Pre-Assembly

Sponsored by:
TBA

GRADUATE STUDENT POSTER SESSION I   8:00 am – 9:30 am   Pre-Assembly

Graduate Student Poster Session I

Connecting STEM and augmented reality: Pedagogical strategies for knowledge transfer
- Cortnee Stainrod, University of Central Florida

Growth mindset and its impact on intrinsic motivation for school performance
- Noa Frank, University of Central Florida

From hero to collaborative individuals: Distributed leadership at rural schools
- Huseyin Uysal, University of Florida

Can game difficulty and conceptual difficulty predict student persistence in physics playground: A hierarchical linear modeling approach
- Seyedahmad Rahimi, Florida State University
- Val Shute, Florida State University
- Qian Zhang, Florida State University

Utility of cluster analysis for investigating dimensionality and comparison with parallel analysis
- Xiaotong Yang, Florida State University
- Insu Paek, Florida State University
- Robert C. Schoen, Florida State University
- Ahmet Guven, Florida State University

The impact of item parceling in revealing or masking the violation of measurement invariance
- Abdullah Alsayar, Florida State University

The salient characteristics of artifacts created by students in Scratch that a middle school mathematics teacher values in classroom: Fun but not efficient!
- Seyda Uysal, Florida State University

Cultural messaging in Chinese universities: A comparative analysis of structure and language use on two college campuses in Qinghai
- Emily Leyava, Florida State University

The effect of social-emotional interventions on students' test scores
- Mary Ann Murdoch, Florida Southern University

INVITED SESSION   `8:30 am – 10:30 am   St. Pete 1`

State of the State

Speaker: Vince Verges, Florida Department of Education

Description: When Governor Ron DeSantis took office in January of this year, he almost immediately began to issue a number of education-related Executive Orders, and he also began to share his vision for related legislative priorities. Vince Verges, who is an Assistant Deputy Commissioner at the Florida Department of Education, will share information and updates on the many changes to Florida's statewide assessment system being contemplated. In addition, he will provide updates on student, teacher, school, and district accountability metrics, as well as information on the many changes that have been or will be implemented with respect to the Florida Teacher Certification and Florida Educational Leadership Examinations. Attendees will have ample opportunity to ask questions and share their own thoughts on these important topics.

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 fourteen years, and has been involved in developing Florida's assessments since 1999. Prior to coming to FLDOE, Vince served for ten years in Florida's public schools and colleges as an elementary school assistant principal, high school mathematics teacher, and adjunct college mathematics instructor. 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.

GRADUATE STUDENT POSTER SESSION II   10:00 am – 11:30 am   Pre-Assembly

Graduate Student Poster Session II

The effectiveness of online learning communities for college students
- Alexandra Minnick, University of Central Florida

Explore the relationship of BMI and gender with kindergarten children's academic performance: A multivariate analysis
- Yuting Chen, University of Central Florida

The effect of a dog-assisted reading program on the reading ability and motivation of children with dyslexia
- Renee Pack, Florida Southern University
- Pippa R. Burnett, Florida Southern University
- Leilani Goodmon, Florida Southern University
- Rebecca Powell, Florida Southern University

Learning to be happy: The benefits of a positive psychology exercises as coursework on well-being and college maladjustment
- Medhini Urs, Florida Southern University
- Pippa R. Burnett, Florida Southern University
- Leilani Goodmon, Florida Southern University
- Kylie Hartzell, Florida Southern University

From "walk" to "promenade": An enactive approach to understanding learning through full-body engagement
- Beilei Guo, University of Rochester

A new vision of teacher education program in Saudi Arabia
- Fawaz Alrouqi, University of South Florida
- Jawaher Alsultan, University of South Florida
- Shahad Babaeer, University of South Florida

A new vision of teacher education program in Saudi Arabia
- Troy Hershberger, Florida Southern University

Examining the impact of sample size on exchangeability in the Bayesian synthesis approach to data fusion
- Jia Quan, University of Florida
- Eric Wright, University of Florida
- Katerina Marcoulides, University of Florida

Capital identity projection, academic performance and academic achievement among historically black college/university (HBCU) students
- Steven C. Williams II, Florida A&M University
- Novell E. Tani, Florida A&M University

TEACHER INQUIRY STRAND I:
THE ARTS AND EARLY CHILDHOOD
`10:15 am – 11:45 am     St. Pete II`

Team-teaching in performing arts to support student learning and reduce teacher burnout
- Melanie Harris, PK Yonge

How can an on-line learning management system support students in the performing arts classroom?
- Rachel Snyder, PK Yonge

Enhancing teacher collaboration in an arts magnet high school
- Connie Crawford, Miami Dade Schools
- Cristina Stujenski, Miami Dade Schools
- Christian Losa, Miami Dade Schools
- Andrew Beall, Miami Dade Schools

Understanding our youngest learners: Action research in an early childhood setting
- Susan Morrow, FAU Lab School
- Sarah Reeves, FAU Lab School

TEACHER INQUIRY STRAND II:
TEACHER RESEARCHERS AND STEM
`10:15 am – 11:45 am     St. Pete III`

Math confidence in an elementary mathematics classroom
- Tara Palmer, PK Yonge

Guiding students to become self-regulated learners
- Kristin Weller, PK Yonge

Going old-school: Rejection of 1:1 iPad note-taking in a high school classroom
- Amy Tift, FAU Lab School

From content literacy to personalized learning - Designing for student engagement, agency and mastery in a high school biology classroom
- Mickey McDonald, PK Yonge
- Christy Gabbard, PK Yonge
- Gabe Lee, PK Yonge

ASSESSMENT AND ACCOUNTABILITY   10:15 am – 11:45 am Kenwood

The problem of administrative pressures and state requirements on classroom instruction
- Marsha Banks, University of Central Florida

An examination of visual representations within assessment tasks in mathematics textbooks
- Sofia Hatziminadakis, University of South Florida
- Megan Cannon, University of South Florida
- Kia Sarnoff, University of South Florida

Demonstrating evidence-centered design principles in the development of a classroom assessment
- Tae Yeon Kwon, University of Florida
- A. Corinne Huggins-Manley, University of Florida
- Amber E. Benedict, University of Florida
- Jonathan Templin, University of Florida
- Amanda P. Goodwin, University of Florida

Do school and school-district contribute towards achievement gap on civics end-of-course assessment? A multi-level analysis
- Nirmal Ghimire, University of Central Florida
- Sushila Regmi, Oslo Metropolitan University

Evidence-centered classroom assessment design
- Russell G. Almond, Florida State University
- Jeannine E. Turner, Florida State University
- James A. Hernandez, Florida State University

Thursday, November 14

Examining college students' conceptions and approaches in learning computer science
- Karthikeyan Umapathy, University of North Florida
- Albert D. Ritzhaupt, University of Florida
- Zhen Xu, University of Florida

Using drawing to explore college student' conceptions of learning computer science
- Zhen Xu, University of Florida
- Karthikeyan Umapathy, University of North Florida
- Ning Yang, Nanjing Xiaozhuang University
- Albert D. Ritzhaupt, University of Florida
- Fengchun Tian, Nanjing Xiaozhuang University
- Chin-Chung Tsai, National Taiwan Normal University

Impact of digital fabrication on STEM+C outcomes for secondary students: Literature review
- Mijana Lockard, Florida Southern College

Choosing STEM academic disciplines: The influence of students' academic self-concept
- Michael A. DeDonno, Florida Atlantic University
- Maysaa Barakat, Florida Atlantic University

Becoming scientists: The participation of high school students and their teacher in an authentic science experience with biosand filters
- Allan Feldman, University of South Florida
- Jawaher A. Alsultan, University of South Florida
- Madison Rice, University of South Florida
- Sarina Ergas, University of South Florida
- Kebreab Ghebremichael, University of South Florida

PSYCHOMETRICS: METHODOLOGY I

Investigating the effects of missing data on the Rasch Tree DIF Method
- Ahmet Guven, Florida State University
- A. Corinne Huggins-Manley, University of Florida
- Insu Paek, Florida State University
- Xiaotong Yang, Florida State University

The impact of hierarchical structure of data on parameter estimates of Item Response Theory models
- Lanrong Li, Florida State University
- Insu Paek, Florida State University
- Betsy Jane Becker, Florida State University

Applying hybrid ant colony optimization algorithm in mixture item response theory model
- Zeyuan Jing, University of Florida
- Huan Kuang, University of Florida
- Walter Leite, University of Florida
- A. Corinne Huggins-Manley, University of Florida

A note on the equivalence of MIRT and IRT tree models for missing response
- Eric Wright, University of Florida
- Anne Corinne Huggins-Manley, University of Florida

Building bridges: Impacting school culture through a school-university partnership focused on teacher research
- Michelle Vaughan, Florida Atlantic University

GRADUATE STUDENT LUNCHEON	12:00 pm – 1:00 pm St. Pete III

FERA Graduate Student Business Meeting Luncheon

Sponsored by:
Albert D. Ritzhaupt, University of Florida
Robert F. Dedrick, University of South Florida
Bruce Hall, University of South Florida
Florida Educational Research Association

Graduate Student Coordinators:
Max D. Sommer, University of Florida
Huan Kuang, University of Florida

Description: The graduate student business luncheon aims to promote communication between graduate students and enhance graduate students' professional development. The luncheon features two events: 1) A panel discussion on navigating school district IRB processes. Panelists include David

Bustos, Polk County Schools; Julie McLeod, Hillsborough County Schools; Anthony Raborn, Pasco County Schools; and Autumn Frei, Pinellas County Schools and 2) Graduate students will vote for a Graduate Student Coordinator.

INVITED SYMPOSIUM   1:00 pm – 2:30 pm   St. Pete III

Description: An overview of the various IRB processes in K-12 school districts will be followed by a Panel Discussion from district experts.

Moderator: Dr. Robert Dedrick, University of South Florida

Panel
David Bustos, Polk County Schools
Julie McLeod, Hillsborough County Schools
Anthony Raborn, Pasco County Schools
Autumn M. Frei, Pinellas County Schools

SPONSORED SESSION   1:00 pm – 2:30 pm   St. Pete 1

Measuring student performance through learning games and online instruction.
Sponsored by:
Curriculum Associates

Presenter:
Kenneth Tam, Curriculum Associates

Description: Through the use of engaging online instruction and thoughtful learning games, we can capture data on student performance in new and novel ways. In this session, we'll review the broad range of information that can be collected and how we can look at student's choices to better understand their "Factors of Learning" along with their results.

Graduate Student Poster Session III

Examining the utility of LD X2 for IRT model-fit assessment
- Guangyun Liu, Florida State University
- Wenyi Li, Florida State University
- Insu Paek, Florida State University

A survey of female secondary music educators and burnout within the first five years
- Dawn Hardy, Florida Southern University

Understanding computational thinking through eye-tracking methodology
- Ruohan Liu, University of Florida

Academic study tables and the acclimatizing impact that is experienced by the scholar athlete-a portraiture study of athletes who have found success as a group in academic study tables
- Matisz George, Florida Southern University

College students' motivational reasons to learn English in China
- Juhee Kim, Florida State University
- Mariana Talpau Joos, Florida State University

Wellness and educational settings: Scholar's perception and parent's help-seeking tendencies
- Makayla Bentley, Florida A&M University

Enhancing an introductory course on teaching students with disabilities for preservice general education teachers
- Timara Davis, University of Central Florida

What teachers can do to enhance cognitive emotion regulation in classrooms
- Natalia Yarmosh, University of Central Florida

TEACHER INQUIRY STRAND III:
DIVERSE STUDENT POPULATIONS

Hear my voice and the voices of those I teach: A phenomenological perspective of experiences from migrant education program teachers
- Ingrid Bynes, Hillsborough County Schools

The influence of student-led conferences in a project-based learning environment: A close look at the impact of student-led conferences on communication and dialogue with parents
- Carla-Ann Brown, PK Yonge

Improving teacher-student and teacher-parent relationships to increase student success in online courses
- April Fleetwood, Florida Virtual School
- Autumn Merritt, Florida Virtual School
- Dawn Vanella, Florida Virtual School

The intersection of standards based grading and universal design for learning in a sixth grade language arts classroom
- Nathaniel Courtney, PK Yonge

TEACHER INQUIRY STRAND IV:
TEACHER PRACTICES AND LITERACY EDUCATION

The role of the school library program in counteracting library anxiety in high school seniors
- Megan Koppitch, PK Yonge

The effect of metacognitive reflection activities on historical analytical writing skills
- Christopher Clevenger, FAU Lab School

Increasing student-to-student interactions in online live lessons
- April Fleetwood, Florida Virtual School
- Jennifer Morgenthal, Florida Virtual School
- Melissa Gilmore, Florida Virtual School

Meeting students where they are: Action research projects that meet the needs of all learners
- Gina Huffy, FAU Lab School

SPONSORED PRESENTATION   2:45 pm – 3:45 pm   St. Pete I

Inside the Minds of NWEA Researchers
Sponsored by:
NWEA

Speaker:

Dr. Andy Hegedus, Center for School and Student Progress, NWEA

Description: The NWEA research team is passionate about answering questions that influence how educators use data to improve outcomes for all students from the classroom to education policies. Join us for a conversation about how research contributes to student learning. You'll vote on a list of topics such as:
- What is the Relationship Between Student Absences & Achievement/Growth?
- What does rapid guessing potentially tell us about students?
- Considerations for student goal setting
- Measuring and predicting college readiness

Biography: Andy consults with educators across the country and manages large research projects focused on understanding the drivers for growth in schools with differing levels of challenges. Andy holds an Ed.D. in education leadership from the University of Delaware, a M.S. in mechanical engineering from Drexel University, and a B.S. in nuclear engineering from The Pennsylvania State University. Andy is also a Broad Superintendents Academy Fellow. Andy's research on poverty and school performance has been featured on outlets such as NPR, Education Dive, Ed Week, and Future Ed.

QUALITATIVE METHODS   2:45 pm – 4:15 pm   Kenwood

Experiencing the (Im)P(o/a)ssible: Philosophies of inquiry and aporetic interruption(s)
- Anna Gonzalez-Pliss, University of South Florida
- Bretton Varga, University of South Florida
- Jennifer Wolgemuth, University of South Florida
- Leia Cain, University of South Florida
- Phyllis Jones, University of South Florida

The impact of gamification in educational settings on student learning outcomes: A meta-analysis
- Rui "Tammy" 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, University of Florida
- John Hampton, University of Florida
- Jingwei Li, University of Florida

How does online computer programming instruction compare with face-to-face? A meta-analysis on student learning, affect, and retention
- Ning Yang, Nanjing Xiaozhuang University
- Zhen Xu , University of Florida
- Albert D. Ritzhaupt, University of Florida
- Maya Israel, University of Florida
- Karthikeyan Umapathy, University of North Florida

Using meta-analysis to predict and explore
- Betsy Jane Becker, Florida State University
- Guangyun Liu, Florida State University

Like my own story: Examining ESL readers' experiences in a video book trailer project
- Shizhong Zhang, University of Central Florida
- Debroah Cordier, University of South Florida

INSTRUCTIONAL PRACTICE   2:45 pm – 4:15 pm   Edge

Investigating preservice teachers' experiences of mathematical task-identification professional developments
- Megan Cannon, University of South Florida
- Sofia Hatziminadakis, University of South Florida
- Kia Sarnoff, University of South Florida

Vertical planning: Increasing student achievement through teacher collaboration across grade levels
- Emma Gonzalez, Miami-Dade Public Schools
- LaToya Tarpley, Miami-Dade Public Schools
- Lissette Faedo, Miami-Dade Public Schools
- Yanilet Fortich, Miami-Dade Public Schools
- Zuzel Rodrigu, Miami-Dade Public Schools

From "walk" to "promenade": An enactive approach to understanding learning through full-body engagement
- Beilei Guo, University of Rochester

Problem solving strategies developed by 4th grade gifted and non-gifted students
- Onder Koklu, Florida Gulf Coast University

Student unpreparedness and the increase of college math remedial education
- Elise A. Simmons, Florida State University

PSYCHOMETRICS: APPLICATION   2:45 pm – 4:15 pm   Grand Central

Validation of graph theory approach to detect test collusion network using an experimental real dataset
- Cengiz Zopluoglu, University of Miami
- Dmitry Belov, Law School Admission Council
- James Wollack, University of Wisconsin

An exploration of essay features affecting rater accuracy in rater-mediated assessments using unfolding models
- Jue Wang, University of Miami
- George Engelhard Jr., University of Georgia
- Trenton Combs, University of Miami

Psychometric properties of school climate survey-short form
- Huibin Zhang, University of Florida
- Jia Quan, University of Florida
- Christopher Robert, University of Florida
- Diana Joyce-Beaulieu, University of Florida

Evaluating cost-effectiveness in item development
- David Swanson, Florida Department of Education

Reporting subscores
- Shukun Fang, Florida State University

Common Themes in International Assessment: The World is Flat and also Upside Down!
Sponsored by:
Pearson

Speaker:

Jon Twing, Senior Vice President, Pearson Global Assessment Services

Description: The world seems to be overwhelmed with new "educational reform" initiatives. Policy makers, stakeholders and students are interested in improving student learning outcomes because the data linking such outcomes to success in college and careers is overwhelming. At the heart of many of these reforms is the expanded use of technology to tap into skills and constructs (such as collaboration, problem solving, inquiry-based science, reading for arguments and application simulations) that many refer to as the skills needed in the 21st Century. The PISA assessment from OECD is expanding online, as too are many national assessments (US, Australia, Egypt to name a few). Reform efforts in the United States have pushed an aggressive technology agenda. Australia has moved its reading literacy and mathematics numeracy assessments online. Some schools in India are looking to use Computer Adaptive Testing (CAT) to enhance security and provide more access to assessments. One can not help but ask the question, as we see the impacts of education reform around the world, if these reform efforts have not "put the cart before the horse" regarding technology? Many reform efforts use assessment to drive technology into the classrooms when instruction and instructional support do not necessarily use the same technology. This paper looks at some of the reform efforts globally, their desire for technology and some of the practical issues associated with the use of technology in education and assessment. Surprising similarities are seen with the efforts in the US and comparisons and contrasts will be highlighted.

Biography: As Senior Vice President of Pearson Assessments, Dr. Jon S. Twing is responsible for all education assessment development at Pearson. He focuses on the development, validity, and efficacy of learning systems that integrate measurement and instruction with the goal of improving student learning across the world.

Jon has more than 35 years of experience in experimental psychology, psychometrics, research, and assessment development. He is a Research Fellow at the University of Oxford, where he guides staff, students, and policy regarding the scientific measurement of cognitive functions.

He serves or has served as a member on numerous boards, committees, and service organizations, including The College Board Psychometric Panel, American Educational Research Association, National Council on Measurement in Education, the Association of Test Publishers, and many others.

SYMPOSIUM I   4:30 pm – 5:30 pm St. Pete III

Social and Cultural Interactions and Saudi University Students' Acquisition of English as a Second Language

Presenters:
Moneera Alsubaih, University of South Florida

Description: The issue of social and cultural interactions and Saudi university students' acquisition of English as a Second Language is relevant with regard to the linguistic development of Saudi students who study internationally. This symposium explores three Saudi students' perceptions regarding how social and cultural interactions impact their acquisition of English as a second language at a large southeastern university.

SYMPOSIUM II   4:30 pm – 5:30 pm Kenwood

Simple games can lead to deeper learning

Presenters:
Silviana Falcon, Florida Southern College
Rebecca Powell, Florida Southern College
Lori Rakes, Florida Southern College

Description: Despite academia's latest efforts with flipped classroom initiatives, the academic world expects students to be active and engaged while being passive learners. This symposium makes the case, backed by three case studies, for the use of focused game-based activities to yield deeper learning and active engagement. Our focus is to create an educational environment that goes beyond transactional learning to transcendent learning, influencing understanding in the classroom and beyond. Students express positive feedback and share a deeper understanding of concepts reinforced with an active learning activity. Secondarily, a well-timed, well-placed activity creates a welcoming classroom environment.

SYMPOSIUM III   4:30 pm – 5:30 pm Edge

Internalize Oppression, Misorientation, and Performance Modifiers: The Factors that Influence Ethnic Student Learning Outcomes

Presenters:
Arie Chrison, Florida A&M University

Description: This symposium examines the vestigial effects of societal oppression on Black students' psychological engagement, academic fear of failure, and mastery goal orientations. The present study contributes to the literature by presenting a contemporary perspective on the ecological approach theory by examining the larger social systems (i.e., the societal nature of American cultural norms, the oppressive culture of America on people of color) and the micro-level experiences of oppression to which people of color become oriented. This study aims to examine the interconnected relationships between internalized cultural oppression, performance modifiers, psychological engagement student efficacy, fear of failure, and academic outcomes.

Quality Educational Research: What Is It? Four Student Methodologists' Perspective, Reflection, and Critique

Presenters:
Anna Gonzalez-Pliss, University of South Florida
Gertrudes Velasquez, Florida State University
Stephanie Green, University of South Florida
Julie Thomas, University of Florida

Description: During 2009 AERA Conference six prominent educational scholars held a panel session to discuss quality and rigor in research. They followed up with a paper titled Learning From Our Differences: A Dialogue Across Perspectives on Quality in Educational Research (Moss et al., 2009). On the 10th Anniversary of the event, we four doctoral students from three large research universities reflected on viewpoints presented in the original paper to (a) examine relevance of then-dissonant arguments in contemporary education environment, and (b) to engage in productive methodological critique for the enhancement of researcher training and our emergent scholarship.

A Night at the Dali Museum (on your own)

Please visit the Salvador Dalí Museum dedicated to the works of Salvador Dalí housing the largest collection of Dalí's works outside Europe. All FERA attendees are welcome to attend Thursday night at a discounted admission fee.

1 Dali Blvd
St. Petersburg, FL 33701

Friday, November 15

8:00 am – 11:00 am   Pre-Function

COFFEE BREAK   8:00 am – 8:30 am   Pre-Function

Sponsored by:
TBA

LEADERSHIP   8:30 am – 10:00 am   St. Pete I

Using the lens of a strengths-based approach to create a culture of engagement
- Vicki Wolin, Pasco County Schools
- David Scanga, Pasco County Schools

Principal's perceived stress and work-family conflict
- Lantry L. Brockmeier, Valdosta State University

All hands, on deck! Distributed leadership and the administration of schools as hurricane shelters
- James Lane, University of Phoenix
- David Proudfoot, University of Phoenix

RESEARCH IN UNIVERSITIES AND TEACHER QUALITY   8:30 am – 10:00 am   St. Pete II

Chair agency, chair preparation, and academic supports in educational leadership programs
- Jason LaFrance, Florida Southern College
- Diane LaFrance, Florida Southern College
- Terri Melton, Georgia Southern University

The role of music in higher education: cultural perpetuation in hidden curriculum
- Daniel Lee, University of Tasmania
- William Baker, University of Tasmania
- Nick Haywood, University of Tasmania

The M-DCPS iHEAT experience: teacher perceptions of the relationship between the program and instructional practices
- Kathleen Pham, Miami-Dade County Public Schools

The grass is always greener on the other side: An exploration of rural teachers' job satisfaction in Henan Province, China
- Min Wang, Florida State University
- Huan Wang, Stanford University
- Scott Rozelle, Stanford University
- Matthew Boswell, Stanford University

DIVERSE STUDENT POPULATIONS II   8:30 am – 10:00 am St. Pete III St.

Investigating the impact of relationship education for ethnically diverse couples
- Sejal Barden, University of Central Florida

When talking the talk Is not the same as walking the walk: English language learners' production of idiomatic language
- John I. Liontas, University of South Florida
- Inanc Karagoz, University of South Florida
- Patrick Mannion, University of South Florida

Understanding the Muslim and Jewish minority experience in the U.S. public K-12 classroom
- Stephanie Arthur, University of South Florida
- Salam Ahmad, University of South Florida

Examining refugees' culture and its effect on their education
- Alia Hadid, University of South Florida

The effect of group medial counseling program on school adjustment of economically underrepresented children
- YoonJoo Lee, YoungNam University
- Eunhui Yoon, Florida State University

STATISTICS   8:30 am – 10:00 am Kenwood t

Inferences about exam disclosure using Three Likelihood Ratio Statistics
- Yuxi Qiu, University of Florida
- Mary Kay Rodgers, University of Florida
- Walter Leite, University of Florida
- Natalie Hagler, University of Florida

Understanding computational thinking through eye-tracking methodology
- Ruohan Liu, University of Florida

The effects of parents' education, child reading on his/her own and non-parental care participation before kindergarten on reading achievement scores: A multilevel modeling analysis
- Sanaz Nazari, University of Florida
- Walter L. Leite, University of Florida

PSYCHOMETRICS: METHODOLOGY II   8:30 am – 10:00 am Grand Central

A comparison of estimation methods for multilevel IRT models
- Huan Kuang, University of Florida
- Zeyuan Jing, University of Florida

A lognormal response time model to identify examinees with item preknowledge
- Murat Kasli, University of Miami
- Cengiz Zopluoglu, University of Miami

A collection of statistical myths and misconceptions within psychometrics and methodology in education
- Oscar L Olvera Astivia, University of South Florida

The impact of research methods courses on students' perceptions of their research capital
- Tricia L. Meredith, Florida Atlantic University
- Maria Vasquez, Florida Atlantic University

When rating scales become excessive: A comparison of graded response model and continuous response model
- Yuxi Qiu, University of Florida
- Mary Kay Rodgers, University of Florida
- Walter Leite, University of Florida
- Natalie Hagler, University of Florida

Friday, November 15

KEYNOTE SPEAKER   10:15 am – 11:45 am   St. Pete I

Practical Strategies for Formative Assessment

Speaker:

Dylan Wiliam, Emeritus Professor of Educational Assessment at University College London

Biography: Dylan Wiliam is Emeritus Professor of Educational Assessment at University College London. After a first degree in mathematics and physics, and one year teaching in a private school, he taught in urban schools for seven years, during which time he earned further degrees in mathematics and mathematics education.

In 1984 he joined Chelsea College, University of London, which later became part of King's College London. During this time he worked on developing innovative assessment schemes in mathematics before taking over the leadership of the mathematics teacher education program at King's.

Between 1989 and 1991 he was the Academic Coordinator of the Consortium for Assessment and Testing in Schools, which developed a variety of statutory and non-statutory assessments for the national curriculum of England and Wales.

After his return to King's, he completed his PhD, addressing some of the technical issues thrown up by the adoption of a system of age-independent criterion-referenced levels of attainment in the national curriculum of England and Wales.

From 1996 to 2001 he was the Dean and Head of the School of Education at King's College London, and from 2001 to 2003, he served as Assistant Principal of the College. In 2003 he moved to the USA, as Senior Research Director at the Educational Testing Service in Princeton, NJ. In 2006 he returned to the UK as Deputy Director of the Institute of Education, University of London. In 2010 he stood down as Deputy Director to spend more time on research and teaching.

His recent work has focused on the use of assessment to support learning (sometimes called formative assessment). He was the co-author, with Paul Black of a major review of the research evidence on formative assessment published and since then has worked with groups of teachers all over the world on developing formative assessment practices.

FERA LUNCHEON   12:00 pm – 1:30 pm   St. Pete I

**Annual Business Meeting
and
Award Luncheon**

**Sponsored by:
TBA
Florida Educational Research Association**

Please join us for our annual business meeting and awards luncheon. 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.

FERA BOARD MEETING   2:00 pm – 4:00 pm   Training Crt. 5