

Program
Florida Educational Research Association
67th Annual Meeting



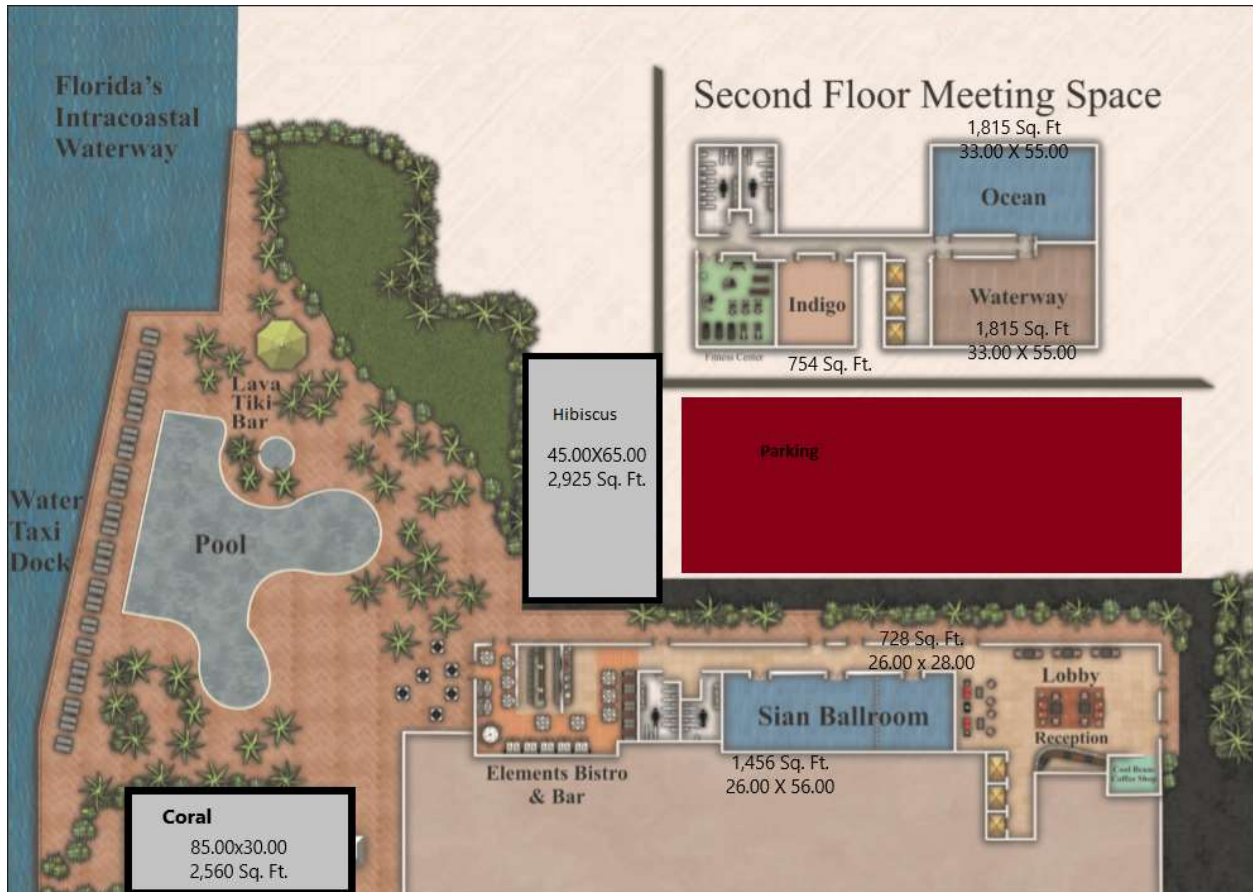
DoubleTree Resort by Hilton Hollywood Beach
Hollywood Beach, FL

November 15-17, 2023

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Hotel Floor Plan



PROGRAM AT A GLANCE

Wednesday, November 15		
9:00-5:00	Registration	
	<i>Sian A</i>	
10:00-12:00	Professional Development: Dr. Craig A. Mertler, Barry University	
	<u>Sharing the Results of Action (and Other) Research</u>	
	<i>Coral</i>	
12:00-2:00	Lunch on your own	
2:00-3:15	Paper Session 1	
	<u>Qualitative Research I: Critical Explorations in K-12 Schooling: Culture, Family, and Representation</u>	<u>Quantitative Research I: IRT and Logistic Regression</u>
	<i>Ocean</i>	<i>Waterway</i>
3:15-3:30	Coffee Break 1 – Sponsored by FAU College of Education	
	<i>Sian B</i>	
3:30-4:45	Paper Session 2	
	<u>Qualitative Research II: Qualitative Educational Research and Higher Education: Investigations for Florida</u>	<u>Quantitative Research II: Innovations in Review and Design</u>
	<i>Ocean</i>	<i>Waterway</i>
4:45-6:00	Welcome Presidential Address	
	María D. Vásquez-Colina	
	&	
	Invited Panel Discussion	
	<u>Standard Setting Methods Used for Determining Cut Scores on State Assessments</u>	
6:15-8:00	Speakers: Dr. Gary Phillips, Cambium Assessment; Dr. Catherine Close, Renaissance Learning	
	Moderator: Vince Verges, FLDOE	
	<i>Coral</i>	
6:15-8:00	Evening Reception	
	<i>Sian B</i>	

Thursday, November 16			
8:00-5:00	Registration		
	Sian A		
8:00-8:30	Coffee Break 2		
	Hibiscus		
8:00-10:00	Graduate Student Posters		
	Hibiscus		
8:20-9:40	Teacher Inquiry Strand	Paper Session 3	
	<u>Teacher Inquiry 1</u>	<u>Qualitative Research III: Supporting Learners: Communicative Demands from Kindergarten through Doctoral Studies</u>	<u>Quantitative Research III: Applications in K-20 Education</u>
	Sian B	Ocean	Waterway
10:00-11:15	Invited Panel Discussion: The Future of Artificial Intelligence in Education		
	Speakers: Dr. Pete Martinez, CEO, SIVOTEC Bioinformatics; Dr. Huan "Hailey" Kuang, FSU; Mr. Thomas Kennedy, Board Member, Citrus County School District; Dr. Nathaniel Turcotte, FGCU		
	Moderator: Dr. Corinne Manley, UF		
11:30-12:45	Coral		
	Teacher Inquiry Strand	Paper Session 4	Invited Presentation: Shane Fairbairn, Interoperability Support Specialist, Education Analytics
	<u>Teacher Inquiry 2</u>	<u>Mixed Methods Research: Education Leadership and Practice</u>	<u>Solving the Data Problem in Educational Research: Why is this still a "thing" in 2023?</u>
12:45-2:00	Sian B	Coral East	Coral West
	Graduate Student Luncheon	Lunch on your own	Teacher Inquiry Luncheon & Networking
	Ocean		Waterway
2:00-3:00	Keynote: Dr. Stephen Sireci, University of Massachusetts Amherst		
	<u>What is Fairness in Educational Testing?</u>		
	Coral		
3:00-3:30	Coffee Break 4		
	Sian B		
3:30-5:00	Invited Panel Discussion: Undergraduate Research		
	Speakers: Dr. Lisa Finnegan, Florida Atlantic University; Dr. Meg Atha, Florida Gulf Coast University; Dr. Michelle Vaughan, Florida Atlantic University		
	Moderator: Dr. Melanie Fowler, Florida Southern College; Dr. Tricia Meredith, Florida Atlantic University		
5:00-6:00	Coral		
	Professional Development Workshop: Zafer Unal, USF & Aslihan Unal, GSU		
	<u>How to Master Your Faculty Dossier to Prepare for Annual Review, Promotion and Tenure</u>		
6:15-8:00	Coral		
	Evening Reception		
	Hibiscus		

Friday, November 17			
8:00– 2:00	Registration		
	Sian A		
7:45– 8:15	Coffee Break 5		
	Coral		
8:15– 9:30	Paper Session 5	Roundtable Session	Paper Session 6
	<u>Qualitative Research IV: Addressing the Environment: Sustainability, Reflexivity, and Displacement</u>	<u>Current Research in Education</u>	<u>Quantitative Research IV: Multilevel and Latent Variable Models</u>
	Ocean	Sian B	Waterway
9:30– 11:00	Invited Session: Sara Hu, Research Scientist, Education Analytics		
	<u>Basics of School and Classroom Growth Models</u>		
	Coral		
11:00– 12:00	Closing Keynote: Susie Lee		
	TBD		
	Coral		
12:00– 1:30	Business Meeting Luncheon		
	Hibiscus		
2:00– 4:00	Executive Board Meeting		
	Indigo		

REGISTRATION

9:00 am – 5:00 pm

Sian A

PROFESSIONAL DEVELOPMENT SESSION

10:00 am – 12:00 pm

Coral

**Sharing the Results of Action (and Other) Research:
Applied Strategies for Practitioners and Scholars**

Session Facilitator:

Dr. Craig A. Mertler
Barry University

Description: Many researchers—whether practitioners or scholars, novice or experienced—often struggle with the notion and practice of formally disseminating or otherwise informally sharing the results of their research endeavors. This session will focus on sharing processes and practical guidelines for tried-and-true modes of dissemination—namely, publishing in refereed journals and presenting at academic conferences. However, most of the session will be spent examining the potential use of alternative and less-common methods of disseminating research results. These include informal presentation formats, posters, infographics, various social media outlets (Twitter/X, Facebook, LinkedIn, Instagram), podcasts, YouTube and Vimeo, blogs, vlogs, personal websites, zines, and editorials. Included in the discussions will be various best practices and other guidelines for using these outlets. Session participants will have opportunities to try some of these strategies and to begin to develop individual dissemination plans for themselves and their work.

Facilitator Biography: Dr. Craig A. Mertler is an Associate Professor of Action Research and Quantitative Methods at Barry University in Miami and has been an educator for 38 years, 28 of those in higher education, and 12 as an administrator (department chair, doctoral program director, and education dean). He teaches courses focused on the application of action research to promote educator empowerment, school improvement, and job-embedded professional development, as well as quantitative research methods and statistical analysis. He has served as the research methodology expert on more than 120 doctoral dissertations and master's theses.

Dr. Mertler is the author of 9 textbooks (including four books on action research, as well as others on educational research methods, multivariate analyses, classroom assessment, and data-driven instructional decision making), 9 invited book chapters, 25 refereed journal articles, and 3 novels. He has presented more than 40 research papers at professional conferences and has delivered 25 keynote or other types of invited addresses. He has consulted with numerous schools, districts, and universities on the implementation of context-specific and situated action research. For roughly the past 20 years, much of Dr. Mertler's work has centered on the practice of implementing action research (i.e., practitioner research) in PK-12 schools and higher education settings. He has conducted numerous in-service training sessions on the action research process for school districts and IHEs in numerous states around the country, as well as internationally.

Dr. Mertler can be reached at craig.mertler@gmail.com or cmertler@barry.edu

Critical Explorations in K-12 Schooling: Culture, Family, and Representation

Critical Studyin' Classroom Community-Building for Black Student Educational Well-being: An Afonography-Inspired Collaborative Inquiry On Belongingness

- Melanie M. Acosta, Florida Atlantic University
- Shanna Lillis, Florida Atlantic University

LGBTQIA+ Representation: Investigating Student Organization Structure and Perceptions of Queer Student Welcomeness

- Lou Sabina, Stetson University
- Kate Hartikka, Stetson University
- Meg Young, Stetson University

Crisis Communication Considerations for School Leaders to Help Support School-Family Partnerships: A Case Study of the COVID-19 Pandemic

- Jill Freedman, Florida Southern College

Exploring the Culture of Writing Instruction in a Middle School Classroom

- Misha Zaidi, Houghton Mifflin Harcourt

IRT and Logistic Regression

Comparing the Robustness of PROX Estimation to Maximum Likelihood Estimators with Fixed Item Parameters

- Anthony Raborn, National Association of Boards of Pharmacy

Using Firth's Penalized Maximum Likelihood Estimation in Logistic Regression for Polytomous Differential Item Functioning Detection

- Yue Xu, University of Florida
- Corinne Huggins-Manley, University of Florida
- David Miller, University of Florida

Detection of Differential Item Functioning in Multidimensional Testing Using IRT-Residual DIF Framework

- Bowen Wang, University of Florida
- Hwangyu Lim, Graduate Management Admission Council
- Kyung "Chris" Han, Graduate Management Admission Council

Covariate Patterns and Logistic Regression Residuals

- Mary G. Lieberman, Florida Atlantic University
- Dan Morris, Florida Atlantic University
- María Vásquez-Colina, Florida Atlantic University

Sponsored by:

**FAU College of Education
and
The National Association of Boards of Pharmacy**

Please join us for a coffee break sponsored by FAU College of Education and the National Association of Boards of Pharmacy.

Qualitative Educational Research and Higher Education: Investigations for Florida

“Go Get You Some Real Butter!”: Authenticity in A Hurstonian Model of Black Educational Research in Florida

- Melanie M. Acosta, Florida Atlantic University

Critical Qualitative Inquiry, Justice, and the Conservative Backslide

- Jennifer R. Wolgemuth, University of South Florida
- Lorien Jordan, University of South Florida

People or Profit? or People and Profit? An Investigation of Recruitment and Retention Strategies at a Private, Small, Liberal Arts, University

- Meg Young, Stetson University
- Anna Peters, Stetson University
- Lou Sabina, Stetson University
- Rajni Shankar-Brown, Stetson University
- Deb Touchton, Stetson University
- Chris Colwell, Stetson University

Preparing Future Educators through the Lens of Global Community Engagement, Interdisciplinary STEM Learning and Accessibility: Inclusivity Means Everyone

- Katrina Hall, University of North Florida
- Adel ElSafty, University of North Florida

Innovations in Review and Design

Machine Learning for Propensity Score Estimation: A systematic review of applications

- Walter Leite, University of Florida
- Huibin Zhang, University of Florida
- Zachary Collier, University of Connecticut
- Kamal Chawla, University of Delaware
- Lingchen Kong, University of Florida
- YongSeok Lee, University of Florida
- Jian Quan, University of Florida
- Olushola Soyoye, University of Delaware

Statistical Comparisons with the Literature Review

- Dan Morris, Florida Atlantic University
- Mary G. Lieberman, Florida Atlantic University
- María Vásquez-Colina, Florida Atlantic University

A Tutorial on the Design and Analysis of Multilevel Randomized Cost-Effectiveness Studies

- Wei Li, University of Florida
- Nianbo Dong, University of North Carolina
- Rebecca Maynard, University of Pennsylvania
- Benjamin Kelcy, University of Cincinnati
- Jessaca Spybrook, Western Michigan University

Impact of Tuition on Student Retention

- Gregg Campbell, Florida State University
- Lu Liu, Florida State University

Speaker: María D. Vásquez-Colina, FERA President

INVITED PANEL DISCUSSION

Standard Setting Methods Used for Determining Cut Scores on State Assessments

Speakers:

Dr. Gary Phillips, Cambium Assessment

Dr. Catherine Close, Renaissance Learning

Moderator:

Vince Verges, Florida Department of Education

Description: This panel will cover the process employed in establishing the achievement level cut scores on the scales of FAST and BEST assessments. A practical application of the bookmark method for standard setting will be described.

Biography: Dr. Gary Phillips is Vice President of psychometrics at Cambium Assessment. He conducts research that advances the state-of-the art in statistical and psychometric techniques, including work on statistical linking and international benchmarking. He received his PhD from the University of Kentucky with joint training from the College of Education and Department of Statistics. He is the author of several hundreds of conference paper presentations and publications in journals such as the Educational Researcher, Educational Measurement: Issues and Practice, and Applied Psychological Measurement. Dr. Phillips previously served as the Acting Commissioner of the National Center for Education Statistics (NCES), U.S. Department of Education where he was a member of the Senior Executive Service and directed the work of the National Assessment of Educational Progress (NAEP), the Trends in International Mathematics and Science Study (TIMSS), and the Program for International Student Assessment (PISA).

Biography: Dr. Catherine Close is Vice President of Psychometrics at Renaissance Learning. She leads her team that works on assessments, primarily computerized adaptive tests (CAT) and curriculum-based measures in the K-12 space. In the last 11+ years, she has focused on interim assessments that help the classroom teacher make sound data-driven instructional decisions. She also serves on standards advisory groups and technical advisory committees, most recently for OFQUAL in England and NAEP.

Wednesday, November 15

EVENING RECEPTION

6:00 pm – 8:00 pm

Sian B

Evening Reception

Sponsored by:

Education Analytics

Description: Please join us for the Wednesday night reception, sponsored by Education Analytics. All FERA attendees are welcome to attend the Wednesday night reception. The event includes great food, cash bar, and conversation with educational researchers from across the state of Florida.

Thursday, November 16

REGISTRATION

8:00 am – 5:00 pm

Sian A

COFFEE BREAK II

8:00 am – 8:30 am

Hibiscus

Sponsored by:

**Florida Southern College
and
Lou Sabina**

Please join us for a coffee break sponsored by Florida Southern College and Lou Sabina.

GRADUATE STUDENT POSTER SESSION

8:00 am – 10:00 am

Hibiscus

Pregnancy Loss and Workplace Support for Emotional Labor Professionals

- Daria Smirnova, University of South Florida

Addressing Mental Health in Graduate Students

- Elizabeth Kuba, Florida Southern College

Food and Nutrition Literacy: Understanding the Basics of Healthy Eating Among Freedom School Students and Families

- Natalia Ramirez, Florida State University

Geographic Patterns of Math Achievement: A Multilevel-Spatial Regression Approach

- Lodi Lipien, University of South Florida

Evidence-based learning through the arts: a curriculum controversy comparison between the United States and Spain

- Bonnie Gomez Torres, University of South Florida
- Courtney Nicole Callahan, University of South Florida

Critical thinking and transportation: Investigating the depth of understanding of complex scientific ideas among children of different abilities in the early years

- Lalakhanim Orujova, University of South Florida

Exploring College Students' Post-COVID-19 Perceptions of Online Learning: A Systematic

- Van Nguyen, Florida Southern College

Exploring the Implementation of Digital Anatomy Flashcards on Student Perceptions in Gross Anatomy

- Ivy Dunn, University of Florida

Assessing the Relationship of Admissions Data to Academic Performance in Gross Anatomy of First-Year Medical Students

- Ashley N. Walker, University of Florida
- Nancy Adams, University of Florida

The Impact on Mental Health in the LGBTQ College Student Population

- Susanna Albright, Florida Southern College

Faculty motivations for embedding librarians in undergraduate courses at South-Sun State College

- Kayla Kuni

Emerging Teacher Educators: A Collaborative Self-Study of Doctoral Student Identity

- Kerrijo Ellis, University of South Florida
- Allison Hitchens, University of South Florida

Understanding Wealth Identity Among College-Educated Black Millennials

- Steven C. Williams, III, Florida State University

Systematic Literature Review: Content Analysis for Gender Role Representations in Children's Books

- Aljawharah Almuqbil, University of South Florida & Princess Nourah Bint Abdulrahman University

Gender Wage Gap in the U.S. Education Workplaces

- Pinyi Wang, University of Florida

Say Race: Why Acknowledging Structural Racism is Critical to Closing the Achievement Gap Between Black and White Students

- Chris Bowers, Monroe County School District

Mindfulness, and Social-Emotional Literacy Basics: A Teacher Training Course

- Julie Martin, University of Central Florida

The K-1 Coffee Company: Encouraging Entrepreneurship through Project-Based Learning in the Early Grades

- Jalea Turner
- Caley Rappa
- Alison Schackow

SIPPS Impact on English Language Learners Reading Success

- Maria Soto

The Impact of Fraction Manipulatives on 5th Grade Students' Confidence and Math Skills

- Marijayne McMahon

Supporting Learners: Communicative Demands from Kindergarten through Doctoral Studies

A Comparative Analysis of Communicative Language Teaching and Learning Opportunities in Two Spanish Language Textbooks

- Jaclyn Sparks, Florida Atlantic University
- Catherine Restrepo-Widney, Florida Atlantic University
- Sabrina F. Sembiente, Florida Atlantic University

Local, National and Global Concerns Reflected in an Experiential Learning Doctoral Research Capstone Course

- Patricia Maslin-Ostrowski, Florida Atlantic University
- Maysaa Barakat, Florida Atlantic University

Qualitative Data Coding and Academic Writing: Teaching and Assessment of Graduate Student Synthesis Skills

- Melanie Fowler, Florida Southern College
- Lori Rakes, Florida Southern College
- Laura Hutson, Florida Southern College

Applications in K-20 Education

Can Computer-Assisted Instruction Help Schools to Close the Achievement Gap: Evaluation of a District-Wide Reading Intervention

- Yusuf Canbolat, Pasco County Schools
- Rebeca Arndt, Pasco County Schools
- Peggy Jones, Pasco County Schools

The Effect of Intelligent Tutoring Systems on K-12 Students in the U.S.: A Meta-Analysis

- Walter Leite, University of Florida
- Huibin Zhang, University of Tennessee, Knoxville
- Shibani Rana, University of Florida
- Yide Hao, University of Florida
- Amber Hatch, University of Florida
- Lingchen Kong, University of Florida
- Huan Kuang, Florida State University

Outcomes of an Extended School Year Program for High School Students

- Ted Myers, University of Florida
- Ziyang Li, University of Florida
- Rebeca Arndt, Pasco County Schools
- Anne Corrine Huggins-Manley, University of Florida
- Peggy K. Jones, Pasco County Schools

Using Topic Modeling to Improve the Institutional Academic Assessment Review Process

- Lissette Tolentino, University of Florida
- Maria Leite, University of Florida

The Future of Artificial Intelligence in Education

Speakers:

Dr. Pete Martinez, CEO, SIVOTEC Bioinformatics

Dr. Huan "Hailey" Kuang, Florida State University

Mr. Thomas Kennedy, Board Member, Citrus County School District

Dr. Nathaniel Turcotte, Florida Gulf Coast University

Moderator:

Dr. Corinne Huggins-Manley, University of Florida

Description: Join our distinguished panel of experts for an insightful discussion on the integration of Artificial Intelligence (AI) in education. This session will provide an overview of the historical evolution of AI in educational settings, exploring successes, failures, and the ethical considerations that shape its current use. Panelists will address the critical task of identifying optimal use-cases for AI, while shedding light on challenges that emerge with its increased implementation. Looking towards the future, our panelists will share their vision for how AI will revolutionize learning experiences in their respective fields.

Studio Sessions: Investigating the Role of an Art After-School Club on Student Stress Levels and Feelings of Belonging

- Amy Tift
- Katherine Hendrickson
- Lindsey Wuest

Critical Reading in an Eighth-Grade Language Arts Class

- Blake Beckett

The Creation of a Cross-Age Scientific Curricular Experience Program Model: Exploring Instructor Self Efficacy and Learner Engagement

- Katherine Hendrickson

Students' Perceptions of the Effectiveness of Web-Based Technology for Engagement in Geometry

- Mario Toussaint

Education Leadership and Practice***An Analysis of Teachers' Entrepreneurial Attributes and Their Evaluation Scores for Teacher Leadership and Collaboration***

- Susan Happel Hoch, Florida Southern College

Measuring Teacher Dispositions: Our Innovative Journey in Affective Assessment

- W. Steve Lang, University of South Florida
- Judy Wilkerson, Florida Gulf Coast University

The Comprehensive Educator Research Program: Examining the Longitudinal Impact on Teacher Practice and Student Learning

- Michelle Vaughan, Florida Atlantic University
- Tricia Meredith, Florida Atlantic University
- Agnes Timar, Florida Atlantic University
- Gracie Diaz, Florida Atlantic University
- Elisa Calabrese, Florida Atlantic University

Student-Centered instruction in a Liberal Arts Math Course: Improving Students' Attitudes Toward Math while Promoting Active Learning

- Reinaldo Ponce, Broward College

Human Energy Leadership in Higher Education Administration: Construction of a Pedagogical Model

- Alfonso Barreto, Miami Dade College & Barry University
- Carmen McCrink, Barry University
- George Vera, Barry University

Thursday, November 16

INVITED PRESENTATION

11:30 am – 12:45 pm Coral West

**Solving the Data Problem in Educational Research:
Why is this still a "thing" in 2023?**

Speaker:

Shane Fairbairn, Interoperability Support Specialist, Education Analytics

Description: Educational researchers, as well as districts and state departments of education, frequently struggle with data quality issues. In this session, participants will learn about and engage in a conversation about ways to resolve or mitigate educational data quality by using well-established data standards. In addition, participants will leave with a better understanding of what is possible and with actionable steps to affect change in their areas of educational research.

GRADUATE STUDENT LUNCHEON

12:45 pm – 2:00 pm

Ocean

FERA Graduate Student Business Meeting Luncheon

Sponsored by: **Bruce Hall and Stephen Sireci**

Graduate Student Coordinators:

Ted Myers, University of Florida & Daria Smirnova, University of South Florida

Presentation: How to do Thematic Analysis *without* Coding

Presenter: Dr. Jennifer R. Wolgemuth, University of South Florida

Description: Despite thematic analysis' associations with coding, there are many ways qualitative researchers can get to themes. Themes irrupt in 'ah ha!' moments; come to us in dreams; linger at the back of our minds until inspiration calls them forth; are conjured in our reading, writing, and listening to data. It's hard to explain, let alone write, about these manifestations of themes though, so we tend to push them aside as unimportant. But taking them seriously opens possibilities, moves a technical account of thematic analysis toward one of technicity. In this talk we privilege technicity and explore non-coding and creative approaches to thematic analysis. Each approach is featured in an upcoming edited book, *Expanding Approaches to Thematic Analysis: Creative Engagements with Qualitative Data*, whose fundamental premise is, "You do not have to code to get to themes. Seriously. You don't."

Biography: Jennifer R. Wolgemuth is an associate professor in educational research at the University of South Florida where she directs the Graduate Certificate in Qualitative Research. Her research agenda focuses on ethics and validity in social science research. Drawing on critical, poststructural, and new materialist theories, she explores inquiry as an agential process that simultaneously investigates and creates lives and communities to and for which the researcher is responsible.

Thursday, November 16

TEACHER INQUIRY LUNCHEON & NETWORKING

12:45 pm – 2:00 pm

Waterway

FERA Teacher Inquiry Luncheon & Networking

Sponsored by: Bob Dedrick

Teacher Inquiry Coordinator:

Michelle Vaughan, Florida Atlantic University

Description: Please join us for a networking opportunity and luncheon. All FERA teacher inquiry attendees are welcome to attend.

LUNCH ON YOUR OWN

12:45 pm – 2:00 pm

KEYNOTE PRESENTATION

2:00 pm – 3:00 pm

Coral

What is Fairness in Educational Testing?

Speaker: Dr. Stephen Sireci, University of Massachusetts, Amherst

Description: The *Standards for Educational and Psychological Testing* define fairness using four “perspectives,” but they were written over a decade ago and since that time concerns of fairness in testing have become commonplace. In this presentation, I review current concerns regarding fairness in testing and different definitions and conceptualizations of fairness and unfairness. I then describe more contemporary notions of fairness in testing that require consideration of the cultural, sociocognitive, and personal characteristics of ALL students in the population to be tested. Contemporary notions embrace the concepts of culturally responsive assessment and UNDERSTANDARDIZATION. The concept of fairness described by the International Test Commission and the Association of Test Publishers in the *Guidelines for Technology-Based Assessments* (2022), which claims “Fairness in testing requires test developers to consider the wide diversity of needs and potential inequities within the tested population in all aspects of testing,” will be emphasized.

Bio: Stephen G. Sireci, Ph.D. is Distinguished University Professor and Executive Director of the Center for Educational Assessment in the College of Education at the University of Massachusetts Amherst. He is known for his research in evaluating test fairness, particularly issues related to content validity, test bias, cross-lingual assessment, standard setting, and technology-based assessment. He has authored/coauthored over 160 publications, and is the co-architect of the multistage-adaptive Massachusetts Adult Proficiency Tests. He is a Fellow of the American Educational Research Association, and of Division 5 of the American Psychological Association; Past-President of the National Council on Measurement in Education, and President of the International Test Commission. He recently co-edited the [Guidelines for Technology-Based Assessments](#) (ITC & ATP, 2022).

Google Scholar: <https://scholar.google.com/citations?user=qrGroqMAAAAJ&hl=en>

Sponsored by:

**Caveon
UCF Department of Learning Sciences
and
UF College of Education**

Please join us for a coffee break sponsored by Caveon, UCF Department of Learning Sciences, and UF College of Education.

**Undergraduate Research in Education:
Sharing best practices and overcoming challenges**

Speakers:

Dr. Lisa Finnegan, Florida Atlantic University
Dr. Meg Atha, Florida Gulf Coast University
Dr. Michelle Vaughan, Florida Atlantic University

Moderators:

Dr. Melanie Fowler, Florida Southern College
Dr. Tricia Meredith, Florida Atlantic University

Description: Developing the next generation of education researchers is a critical task that need not be relegated solely to graduate programs. This session will focus on discussing best practices and overcoming challenges in mentoring and supporting undergraduate research in education, both in curricular and co-curricular contexts. Panelists will share their experiences and useful resources with attendees. Attendees will then have the opportunity to view exemplary undergraduate research poster presentations, and finally, engage in workshopping ways to incorporate undergraduate research opportunities into their courses or research agendas.

Speaker Biographies:

- Dr. Lisa Finnegan is an Associate Professor in the Department of Special Education at Florida Atlantic University supporting the preparation of both in-service and pre-service teachers to meet the needs of their students with exceptional needs and their families. Her passion for developing engaging and student-centered learning environments is founded on her research interest in universal design for learning (UDL) and the implementation of multi-tiered systems of

support both academically and behaviorally. Dr. Finnegan has a particular interest in teacher retention and induction and encourages students to build their network of support while in their program.

- Dr. Meg Atha is an Assistant Professor of Research, Assessment, and Measurement at Florida Gulf Coast University in Fort Myers, FL. She is trained in educational psychology, educational measurement, assessment, evaluation, and research methodologies. My own research examines educational contexts that promote the most creativity, joy, and playfulness in educational experiences because together they promote increased student motivation and engagement as well as draw out critical thinking skills required for 21st-century living.
- Dr. Michelle Vaughan is an Associate Professor at Florida Atlantic University. She teaches courses in curriculum design, action research, and school reform. She received her Ed.D. in Curriculum and Instruction from the Department of Curriculum, Culture, and Educational Inquiry at Florida Atlantic University. Prior to FAU, Dr. Vaughan served as a curriculum manager for Florida Virtual School, overseeing online course writing and design for one of the largest K12 online schools in the nation. Her scholarship explores teacher growth and change through action research, online learning, and the integration of technology into practice. She works with local school districts to train teachers in curriculum design and inclusion strategies. Most recently, she was awarded the Excellent in eLearning Faculty Award (2016) from the Center for eLearning at Florida Atlantic University, the Innovation in Higher Education award (2017) from the Florida Distance Learning Association, and the Distinguished Achievement Award (2019) from the Center for eLearning at Florida Atlantic University.

Exemplar Undergraduate Research Posters:

Effects of Anxiety and Stress on Learning

- Emma Menzer, Aisha Bashir & Dr. Terrence Barnhardt, Florida Atlantic University, Department of Psychology

Coco

- Jaqueline Del Castillo & Briana Lopez, Florida Southern College, Department of Social and Behavioral Sciences

King Richard and the Princesses of Power Serves

- Annabelle White, Cameron Jefferys, & Carlo Giuffre, Florida Southern College, Department of Social and Behavioral Sciences

Impact on Student Learning

- Kaylee Padar, Florida Southern College, School of Education

Impact on P-12 Learning

- James Houle, Florida Southern College, School of Education

How to Master Your Faculty Dossier to Prepare for Annual Review, Promotion and Tenure

Session Facilitators:

Zafer Unal, University of South Florida
Aslihan Unal, Georgia Southern University

Description: At most universities, decisions regarding annual review, mid-tenure, promotion, tenure, and even post-tenure assessments are made based on performance in three key categories: teaching, research, and service. While the emphasis on each category may vary between universities depending on their institutional priorities, one element remains consistent: candidates for promotion are expected to submit evidence of their work in these areas. One of the most challenging tasks for an academic is to compile a dossier that encapsulates years of scholarly work. If you've ever felt overwhelmed by the process of assembling your academic portfolio, you're certainly not alone! Join us for a hands-on, interactive session where we'll walk through the ins and outs of crafting a top-tier electronic dossier. Whether it's for your annual review, mid-tenure, tenure application, or even post-tenure assessments, we've got you covered. We'll share examples, trade tips, and by the end of our time together, you'll have kickstarted your very own electronic private portfolio. Remember to bring along your laptop with internet access – let's make this a productive and fun session!

Biography: Zafer Unal, Ph.D. University of South Florida

Dr. Zafer Unal is a professor at the University of South Florida. A significant aspect of his service to the academic community includes chairing Annual Review, Midtenure, and Tenure and Promotion committees at both the department and college levels for numerous years. His research is centered on the assessment and accreditation of teacher preparation programs, technology integration in education, and pioneering classroom management strategies. A recognized figure in the academic world, Dr. Unal has been a prominent speaker at national and international conferences and has contributed to leading education journals. His accolades include the 2021 AERA Distinguished Paper Award, 2020 EERA Best Professional Paper Award, 2019 AERA Distinguished Paper Award, 2018 GERA Best Paper Award, and 2004 TLC Best Paper Award.

Biography: Aslihan Unal, Ph.D. Georgia Southern University

Dr. Aslihan Unal is a professor at Georgia Southern University, where she has been teaching in the Department of Elementary and Special Education since 2013. Her program, "Curriculum and Instruction - Accomplished Teaching," is fully online and designed for K-12 teachers pursuing their master's degrees. Some of her research interests include assessment in education, the flipped classroom, parental involvement, artificial intelligence in K-12 classrooms, diversity, case studies, and technology usage in education. She also serves on various departmental, college, and university-level committees, such as the Elections Committee, departmental and college-level Tenure and Promotion Committee, and the Faculty Development Committee.

Thursday, November 16

EVENING RECEPTION

6:00 pm – 8:00 pm

Hibiscus

Evening Reception

Sponsored by:

Cambium Assessment

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

Friday, November 17

REGISTRATION

8:00 am – 2:00 pm

Sian A

COFFEE BREAK IV

7:45 am – 8:15 pm

Sian B

Sponsored by:

**FGCU College of Education
and
USF College of Education**

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

PAPER SESSION V – QUALITATIVE SESSION V

8:15 am – 9:30 am

Ocean

Addressing the Environment: Sustainability, Reflexivity, and Displacement

A reflexive memoir of a vegan teacher

- Jihan Haidar, Florida International University

***Addressing the Needs of Displaced Students During Times of Trauma: Elementary Teachers
Perceptions of Preparedness after Hurricane Maria***

- Lou Sabina, Stetson University
- Kathy Piechura-Cotoure, Stetson University
- Mercedes Tichenor, Stetson University
- Bette Heins, Stetson University

***Definitions and Typology of Sustainability Literacy (SL) and Environmental Literacy (EL): A Systematic
Literature Review (SLR)***

- Sandra Jennina Sanchez, Florida International University
- Yuly Piedrahita, Florida International University
- Sherri Ahern, Florida International University
- Douglas Robertson, Florida International University
- Julian Sosa Molano, Florida International University

***Using Interpretative Phenomenology Analysis to Humanize Professional Development Experiences for
English Language Arts Teachers***

- Duaa Lufti, University of Central Florida

Current Research in Education

The WeFEEL Approach: The Impact of an Emotional Intelligence and Cultural Responsiveness Approach on Young Children Who Are at Risk and Their Families

- Daniela Fenu Foerch, Florida International University
- Andrea Adelman, Florida International University

The Relationship between School Climate Survey Responses and School Grades: An Exploratory Pattern Analysis

- Steven Seage, Broward County Schools
- Armando Abreu, Broward County Schools
- Amanda Suarez, Broward County Schools

Leveraging Field Programmable Gate Array (FPGA) Boards as Educational Technologies

- Andrea Ramirez-Salgado, University of Florida
- Pavlo "Pasha" Antonenko, University of Florida

Retention at Large Urban Community Colleges in South Florida

- Jamonique Harrison, Broward College
- Erica Amorim, Broward College

Synergizing Coaching and Inquiry: Enhancing Professional Growth through the Coach-to-Coach Model in a Social Learning Landscape

- Joyce Varela, Barry University

Multilevel and Latent Variable Models

An Extension to Lawshe's Content Validity Assessment Method

- Mary G. Lieberman, Florida Atlantic University
- Dan Morris, Florida Atlantic University
- María D Vásquez-Colina, Florida Atlantic University

Growth Trajectories in Florida's FSA Mathematics Scores Among Full-Time Virtual School Students

- Arielle Thibodeau, Florida Virtual School
- Lodi Lipien, Florida Virtual School
- April Fleetwood, Florida Virtual School

Student Achievement and Performance Between Specialized and Non-Specialized Teacher Groups in Elementary Schools

- Ziyang Li, University of Florida
- Ted Myers, University of Florida
- Anne Huggins-Manley, University of Florida
- Peggy K. Jones, Pasco County Schools
- Rebeca Arndt, Pasco County Schools

Prediction of Algebra Achievement on a High Stakes Test with Student Actions in Virtual Learning Environment

- Amber Hatch, University of Florida
- Walter Leite, University of Florida
- Jordan Sutherland, University of Florida

**School and Classroom Growth Models:
What are they and how can they be useful?**

Speaker:

Sara Hu, Research Scientist, Education Analytics

Description: School districts, state departments of education, and educational researchers are always looking to know if their students are growing academically. In this session participants will learn the basics of growth models, including different types of growth models, their desirable properties, common control variables, evidence for their validity, and what it means for a growth model to be statistically motivated. In addition, participants will explore what we can learn from and how can we use growth measures, different issues that can arise, and what can be done to measure growth when there are changes over time in the available assessments, such as the transition from the FSA to the FAST. While there will be some engagement of technical issues, the discussion will be at the introductory level, and anyone interested in growth measures should feel welcome to attend.

Title

Speaker:

Susan Lee, FLDOE

Please join us as Susan Lee discusses important topics regarding the state of the educational system in Florida.

Friday, November 17

FERA LUNCHEON

12:00 pm – 1:30 pm

Hibiscus

Annual Business Meeting and Award Luncheon

Sponsored by: FERA

Please join us for our annual business meeting and awards luncheon. The luncheon is sponsored by Megan Atha and FERA. 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

Indigo

2023 FERA Leadership

Board Members		
Office	Member	Affiliation
President	María D. Vásquez-Colina	Florida Atlantic University
President-Elect	Anthony William Raborn	National Association of Boards of Pharmacy
Past President	David Bustos	Polk County Public Schools
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Membership/Nominating	Melanie Fowler	Florida Southern College
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Publications/Newsletter	Andrea Lypka	University of South Florida
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	Lodi Lipien	University of South Florida
	Deborah Christie	University of South Florida
Awards/Recognition	Robert Dedrick	University of South Florida
	Megan Atha	Florida Gulf Coast University
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	Anthony William Raborn	National Association of Boards of Pharmacy
Annual Committee Members		
Graduate Student Coordinators	Ted Myers	University of Florida
	Daria Smirnova	University of South Florida
Local Arrangements Chairs	Marlynn Lopez	Florida Atlantic University
	Maria Alayza Alarca	Florida Atlantic University
Paper Proposal Review	Qian Zhang	Florida State University
	Alexandra Panos	University of South Florida
Teacher Inquiry Strand	Michelle Vaughan	Florida Atlantic University
Audit	John Ferron	University of South Florida
	Kristin Weller	PK Yonge Developmental Research School
Educational Researcher of the Year Award	Corinne Huggins-Manley	University of Florida
	Eunsook Kim	University of South Florida
Distinguished Paper Award	Anthony William Raborn	National Association of Boards of Pharmacy
	Süleyman Olgar	Florida Department of Education
	Wei Li	University of Florida

2023 Paper Proposal Reviewers

<u>Reviewer</u>	<u>Reviewer Affiliation</u>
Alexandra Panos	University of South Florida
Allison Hitchens	University of South Florida
Anthony Raborn	National Association of Boards of Pharmacy
Corinne Huggins-Manley	University of Florida
Craig Mertler	Barry University
Eric Wright	University of Florida
Jingshun Zhang	Florida Gulf Coast University
Julie Martin	University of Central Florida
Mandie Dunn	University of South Florida
Michelle Commeret	University of Florida
Minki Jeon	Florida State University
Reinaldo Ponce	Broward College
Sierra Morandi	Florida State University
Taylor Bainter	University of Florida
Ted Myers	University of Florida
Yusuf Canbolat	Pasco County Schools

2023 Paper Proposal First Authors

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Duaa Lutfi	University of Central Florida
Gregg Campbell	Florida State University
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Jennifer Wolgemuth	University of South Florida
Jihan Haidar	Florida International University
Jill Freedman	Florida Southern College
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Wei Li	University of Florida
Yue Xu	University of Florida
Yusuf Canbolat	Pasco County Schools
Ziying Li	University of Florida

2023 Graduate Student Volunteers

<u>Volunteer</u>	<u>Affiliation</u>
Ashley N. Walker	University of Florida
Bonnie Catalina Gomez Torres	University of South Florida
Bowen Wang	University of Florida
Courtney Callahan	University of South Florida
Elham Tajik	Florida State University
Ingrid Jones	Florida Atlantic University
Ivy Dunn	University of Florida
Julie C. Martin	University of Central Florida
Lalakhanim Orujova	University of South Florida
Lisa Vodola	Florida Gulf Coast University
Lu Liu	Florida State University
Maria Arca Alayza	Florida Atlantic University
Marilyn Lopez	Florida Atlantic University
Nancy Adams	University of Florida
Todd Walsh	Florida Atlantic University
Yue Xu	University of Florida
Ziying Li	University of Florida

Organizations Represented at the 2023 Conference

Barry University
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Citrus County School District
Education Analytics
Florida Atlantic University
Florida Department of Education
Florida Gulf Coast University
Florida International University
Florida Southern College
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Florida Virtual School
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Houghton Mifflin Harcourt
Miami Dade College
National Association of Boards of Pharmacy
Pasco County Schools
Renaissance Learning
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University of Connecticut
University of Florida
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1988-89	Constance Bergquist	2020-21	Jennifer Wolgemuth
1989-90	Jackson K. McAfee	2021-22	David Bustos
		2022-23	María D. Vásquez-Colina

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

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Hazen Curtis	1976	Chuck Dzuiban	2005
Vynce Hines	1981	Bruce Hall	2007
John Espey	1981	John Hilderbrand	2012
Walter Durost	1981	Lee Baldwin	2013
Howard Stoker	1983	Brenda Bartholomew	2014
Annie Ward	1984	Kathleen Dailey	2017
Russell Kropp	1985	Ron Dailey	2017
Bill Myers	1985	Sam Whitten	2017

NOTES