

FERA 2024

Program Agenda

Wednesday, November 20

8:00 AM - 5:00 PM	FERA Registration & Check-In Grand Foyer
9:00 AM - 11:00 AM	Applications of Natural Language Processing for Classification of Classroom Observations Journey
12:15 PM - 2:15 PM	Day 1 - Lunch on Your Own
2:00 PM - 3:00 PM	Presidential Welcome & Invited Keynote Speaker Journey
3:00 PM - 5:00 PM	Day 1 Afternoon Coffee & Tea Break - Sponsored by the Florida Gulf Coast University College of Education Grand Foyer
3:15 PM - 4:30 PM	Academic Connections Through Cross- Cultural Scholarly Inquiry Projects Voyage
	An Investigation of Calculus Teachers' Knowledge of Epistemological Obstacles Related to the Concept of Limits Voyage
	Applications of Artificial Intelligence in Middle School Education (AAIMSE): Professional Development Design and Facilitation Expedition
	Developing Social Skills in Neurodivergent Students to Improve Voyage
	Exploring How Young People Evaluate Climate Change (Mis)Information on Social Media Expedition

Observing Self-Efficacy in Gross Anatomy
Via Eye Tracking
Expedition

The Use of Video in Reflective Practice
Expedition

Using Timed-Writing Strategies and a
University Faculty Writing Partnership to
Improve Graduate Level Writing Skills
Voyage

4:15 PM - 4:45 PM

Refreshments Reminder

4:45 PM - 5:45 PM

INVITED PANEL DISCUSSION -
FLORIDA DEPARTMENT OF
EDUCATION
Journey

6:15 PM - 8:00 PM

Day 1 Evening Reception - Sponsored by
Education Analytics & Vector
Psychometric Group, LLC.
Pool Area

Thursday, November 21

8:00 AM - 10:00 AM

Day 2 - Morning Coffee & Tea Break -
Sponsored by University of Florida (UF)
College of Education
Grand Foyer

8:00 AM - 5:00 PM

FERA Registration & Check-In
Grand Foyer

8:25 AM - 9:30 AM

Academic Teaching Librarian Reflections
on Self-Report Burnout and Job Control
Scores
Grand Foyer

Dual-Enrollment Students May Be Credits
Ahead but at What Costs? A Systematic
Literature Review
Grand Foyer

First Years Teaching First Years: Medical Student Perspectives of the Benefits and Challenges of Participating in A Peer Taught Gross Anatomy Course.

Grand Foyer

Gender Stereotypes in English Textbooks: Implications for Teaching Practice

Grand Foyer

Impact of Kindergarten Instructional Assistants on Student Reading Achievement

Grand Foyer

Literature Review: Student Engagement in Online Learning Environments

Grand Foyer

Teach Me Like an Adult: Andragogical Process Design Elements Within Community College First-Year Experience Programming

Grand Foyer

The Impact of Simulation on Undergraduate Nursing Student's Satisfaction and Self-Confidence

Grand Foyer

The Lexical Bundles and Discourse Markers Between Bilingual and Monolingual Teachers' Talk: A Corpus-Based Study

Grand Foyer

The Moderating Effect of Socioeconomic Status, on the Relation Between Adverse Childhood Experiences and Mental Health Outcomes for Black Individuals In the US

Grand Foyer

Understanding Wealth Identity Among Black College-Educated Millennials

Grand Foyer

8:30 AM - 10:00 AM

A Content Analysis: Exploring State Elementary Writing Evaluation Rubrics for the Six Traits of Writing

Voyage

Cognitive Diagnosis of College Student Performance on Chemistry Via Item Analysis and Data Visualization

Expedition

Fisher's Linear Discriminant Function vs. Logistic Regression: An Argument for Separate Group Accuracies and Validation

Expedition

Generalized Diagnostic Classification Modeling for Different Item Response and Item Omission Mechanisms

Expedition

Mastery Detection of Multiple Attributes in Computerized Adaptive Learning Assessments

Expedition

Pre-Service Teachers' Appraisals of Creative Thinking: A Mixed Methods Study with Implications for Formative Assessment to Promote Creativity Development

Voyage

SYMPOSIUM: Applications of Artificial Intelligence (AI) in Middle School Education: Voices of Middle School Teachers on Integrating AI in the Classroom

Journey

Teachers' Perceptions of "Good Teaching" with Literature

Voyage

The Role of Power in the Interactions of Preservice Teachers in An Elementary Mathematics Methods Course

Voyage

10:15 AM - 11:15 AM

Invited Sponsor Presentation - Gallup
Journey

11:30 AM - 1:00 PM

Graduate Student Luncheon with Invited
Speaker Dr. Lorien S. Jordan
Voyage

Teacher Inquiry Luncheon & Networking
Event
Journey

1:00 PM - 2:30 PM

Calculating Academic Return on
Investment in K-12 Education
Expedition

Collaborative Approaches to AI-
Embedded Solutions in Middle School
Voyage

Differentiated Instruction: Impact on Tier 3
Students' Achievement
Journey

Enhancing Engagement and Retention:
The Impact of Diversity in Examples, Case
Studies, and Reading
Journey

Fairness In Quantitative Measures Used in
Educational Effectiveness Research
Studies
Expedition

Multi-Track Year-Round Schooling: Effects
on Academic Achievement and Summer
Learning Loss
Voyage

Predictive Analytics Using the Ed-Fi Data
Standard
Expedition

Results of A District-Wide Accelerated
Math Program
Voyage

The Effects of End-of Course Exams on
Teachers' Experiences
Voyage

The Use of "Wise Interventions" to
Increase Teacher Buy-In
Journey

Undergraduate Students Academic
Performance: A Systematic Review of the
Literature on Hispanic Students' Academic
Achievement at Hispanic-Serving
Institutions
Expedition

2:30 PM - 3:30 PM

Invited Panel Discussion: Mentorship in
Action Research
Journey

3:00 PM - 5:00 PM

Day 2 - Afternoon Coffee & Tea Break -
Sponsored by C. Huggins-Manley, M.
Atha, and R. Dedrick
Grand Foyer

3:45 PM - 4:45 PM

Measuring Growth in a FAST World
Voyage

3:45 PM - 5:15 PM

Assessing Students' Perceived Enjoyment
and Value of Learning in a Geometry
Course
Journey

Assessing the Effectiveness of Training
Modalities on Peer-instructors
Preparedness Within a Cross-Age
Scientific Curricular Experience Program
Model
Journey

Equity In STEM Pathways: Machine
Learning for Predicting Underrepresented
Students' STEM Major Choices
Expedition

Implementation of Book Clubs and its
Effects on Student Motivation"
Journey

Investigating the Benefits of Creative Expression in an After-school Club on Adolescent Stress and Sense of Belonging

Journey

Latent Dirichlet Allocation for Meta-Assessment: An Approach for Higher Education

Expedition

The Role of Log Data in Validity and Reliability: A Review

Expedition

5:15 PM - 6:15 PM

Keynote: Unmasking and Recalibrating Hunches in the Classroom : Mixed Methods Research for Educational Empowerment

Journey

6:15 PM - 8:30 PM

Day 2 - Evening Reception - Sponsored by Cambium Assessment & Florida Southern College School of Education
Pool Area

Friday, November 22

7:55 AM - 12:00 PM

Morning Coffee & Tea Break - Sponsored by M. Vazquez-Colina & A. Raborn
Grand Foyer

8:00 AM - 9:45 AM

A Speed and Accuracy Mixture Model for Oral Reading Fluency Assessment
Expedition

Building Community and Campus Engagement Through Participation in A Summer Bridge Program

Journey

Cultivating STEM Curiosity Collaborative Lesson Planning Professional Development

Journey

Detecting Differential Passage Functioning
in Oral Reading Fluency Assessments
Expedition

Elevating Doctoral Program Curricula for
Student Success
Journey

Evaluation of Fit Indices for Identifying
Attribute Hierarchies in the “CDM” R
Package
Voyage

Gradual Release of Teachers: Maintaining
A Collaborative Support Network
Journey

Impact of Non-Invariance on Residual
Variance in Dual Change Score Models
Expedition

Integrating Civil Discourse into Child
Growth and Development Courses in
Higher Education: Enhancing and
Promoting Ethical Practice Through
Community Engagement and Service-
Learning
Journey

Intersectional DIF In Imbalanced Samples:
A Simulation Study
Expedition

Likert Leftovers: A Case for attending To
Items Deleted to Achieve Internal
Consistency
Voyage

Mathematics Outcomes and Executive
Function During COVID-19 Pandemic
Journey

Middle School Teachers' Perceptions of a
Social Media Literacy Curriculum
Journey

Parental Engagement Survey:
Investigating Parental Perspectives on
their Children’s Digital at-Home Learning
Journey

Refining Predictive Models for Accelerated
Middle School Course Placement: A Data-
Driven Approach to Algebra I and Biology
Scheduling
Journey

The Impact of Collaborative Inquiry on
Enhancing Career and Technical
Educational Pathways at a Title I Lab
School: Enhancing Career and Technical
Education Pathways
Journey

The Unspoken Truth About “Aliens” in
Cofs – “Citizens of the World”- Serving
Institutions
Journey

10:00 AM - 11:00 AM

Research for Practice – Why and How to
Examine Creativity in Educational
Contexts
Journey

11:00 AM - 12:00 PM

Keynote: Five Reasons Being Creative is
so Frickin' Hard
Journey

12:15 PM - 2:15 PM

Business Meeting & Awards Ceremony -
Plated Luncheon
Journey

2:15 PM - 4:00 PM

Executive Board Meeting
Bimini

8:00 PM - 9:45 PM

Evaluating Learning Approaches of
Hispanic Engineering Students in an
Enhanced First-Year Experience Course