



VCU

School of Education

Research, Assessment, and Evaluation Faculty and Student Presentations – AERA 2025

Wednesday, April 23rd

Educational Research in Transition: From Classical Methods to Machine Learning

- Session Type: Paper Session
- 12:40 to 2:10pm, Colorado Convention Center, Meeting Room Level, Room 703
- Discussant: Michael Broda

Note: Names of RAE faculty and students are underlined, and those of other VCU faculty and students are *italicized*.

Time is in Mountain Time zone (MDT)



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Thursday, April 24th

A Scoping Review of Machine Learning Applications in Education Research

- Session Type: Poster Session
- 8:00 to 9:30am, Colorado Convention Center, Floor:Exhibit Hall Level, Exhibit Hall F
- Michael Broda, Tzu-Wei Wang, Jeen Mariam Joy, Chi-Ning Chang, John Hui, Moe Debbagh Greene, Chin-Chih Chen, Amy Corning, Yuyan Xia, Xun Lui

Examining Mental Health Support Preparedness Among PK-12 Faculty and Staff Across Roles and School Contexts Through a Research-Practice Partnership

- Session Type: Roundtable Session
- 8:00 to 9:30am, Colorado Convention Center, Ballroom Level, Four Seasons Ballroom 4
- David Bryant Naff, Chin-Chih Chen, Margaret Wallace, Jennifer Murphy, Kade Goldin, Sunny Shin, Xun Liu

Division C Shark Tank: Graduate Students Pitch Equity and Inclusion–Focused Research Designs (for Money)

- Session Type: Workshop
- 3:35 to 5:05pm, Colorado Convention Center, Terrace Lvl, Bluebird Ballroom Room 2C
- Kamden Strunk, Taylor Payne, Korinthia D Nicolai

Critical Quantitative Methodologies SIG-Business Meeting

- Session Type: Business Meeting
- 7:15 to 8:45pm, Colorado Convention Center, Meeting Room Lvl, Room 610
- Kamden Strunk (Chair)

Data-Driven Decision Making in Education SIG Business Meeting

- Session Type: Business Meeting
- 7:15 to 8:45pm, Colorado Convention Center, Terrace Level, Bluebird Ballroom Room 2B
- Lisa M. Abrams (Chair)

Queering Qualitative Research: Expanding Boundaries in Innovative Scholarship

- Session Type: Invited Speaker Session
- 5:25 to 6:55pm, Colorado Convention Center, Ballroom Level, Mile High Ballroom 4CD
- Cammie Justus-Smith (Chair)



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Friday, April 25th

Zero-Shot Learning and Support Vector Machine Methods for Automated Abstract Screening in Scoping Reviews

- Session Type: Paper Session
- 1:30 to 3:00pm, Colorado Convention Center, Meeting Room Level, Room 704
- *Moe Debbagh Greene, Michael Broda, Chin-Chih Chen, Chi-Ning Chang, Tzu-Wei Wang, Jeen Mariam Joy, Yuyan Xia*

Weighting Solution: Verifying SEM Trees for National Data

- Session Type: Roundtable Session
- 9:50 to 11:20am, Colorado Convention Center, Ballroom Lvl, Four Seasons Ballroom 1
- *Chi-Ning Chang, Xun Lui, Yuyan Xia, Tzu-Wei Wang*

Science Identity Pathways and STEM Career Aspirations: Intersectional Analysis from High School to Postsecondary Education

- Session Type: Roundtable Session
- 3:20 to 4:50pm, Colorado Convention Center, Ballroom Lvl, Four Seasons Ballroom 2-3
- *Chi-Ning Chang, Chin-Chih Chen, Amy Corning, Guan Saw, Xun Lui, Tzu-Wei Wang, Moe Debbagh Greene*

Journal of Queer and Trans Studies in Education

- Meet the editors: Journal Talks 3
- 8:00 to 9:30am, Colorado Convention Center, Ballroom Lvl, Mile High Ballroom 2A & 3A
- Antonio Duran, *Kamden Strunk*, Stephanie Anne Shelton

Remedy and Repair in Educational Research for Queer and Trans People

- Session Type: Invited Speaker Session
- 9:50 to 11:20am, Colorado Convention Center, Ballroom Lvl, Mile High Ballroom 1EF
- Stephanie Anne Shelton, *Kamden Strunk*, Mario L Suarez, Leonard Taylor

Classroom Assessment SIG Business Meeting and Networking Session

- Session Type: Business Meeting
- 7:00 to 8:30pm, Colorado Convention Center, Terrace Level, Bluebird Ballroom 2D
- Clarissa de Oliveira, Caitlin G. Fine, Nathan H. Rickey, Rebecca Kelley, Min Jin Park, Si Chen, Bethany A Brunsman, Tonya R. Moon, Nicole Barnes, *Jeen Mariam Joy*, Diksha Gaur



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Saturday, April 26th

Teaching Computer Programming Through Digital Music Composition: Effects on College Students' Dispositions Toward Computer Science

- Session Type: Paper Session
- 8:00 to 9:30am, Colorado Convention Center, Meeting Room Level, Room 107
- *Ryan Le Vault, Monty Jones, Katherine G Hansen, Xun Lui, Moe Debbagh Greene*

Exploring the Age Sensitivity of Young Children's Social-Emotional Development Through Psychological Network Analysis

- Session Type: Roundtable Session
- 1:30 to 3:00pm, Colorado Convention Center, Ballroom Level, Four Seasons Ballroom 1
- *Yuyan Xia, Yaoying Xu, Chi-Chih Chen, Chi-Ning Chang, Micheal Broda, Xun Lui, Moe Debbagh*

Rethinking Home-School Boundaries: Toward Critically Conscious, Identity-Affirming Partnerships between Educators and Black and Latine Families

- Session Type: Paper Session
- 1:30 to 3:00pm, Colorado Convention Center, Terrace Lvl, Bluebird Ballroom Room 2C
- *Hillary Parkhouse, Thea Leticia, Jesse Senechal, Chelsea D. Williams, Fantasy T, Lozada, Chandler Golden*

Navigating Critical Quantitative Methodologies: Mentorship and Strategies for Graduate Scholars

- Session Type: Invited Speaker Session
- 8:00 to 9:30am, Colorado Convention Center, Ballroom Level, Mile High Ballroom 4CD
- Chair - Cammie Justus-Smith, Kamden Strunk

Supporting and Enhancing Data-Driven Decision Making in Education

- Session Type: Roundtable Session
- 3:20 to 4:50pm, Colorado Convention Center, Ballroom Level, Four Seasons Ballroom 1
- Jeen Mariam Joy (Chair)

Navigating Data Collection in Research-Practice Partnerships Through Shifting Sociopolitical Contexts

- Session Type: Invited Speaker Session
- 9:50 to 11:20am, Colorado Convention Center, Ballroom Level, Mile High Ballroom 1AB
- Chair - David Bryant Naff, Alison C Koenka



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Saturday, April 26th, continued

Collecting Equity-Focused Data Across Constituencies and Sociopolitical Shifts Through a Research-Practice Partnership

- Session Type: Invited Speaker Session
- 9:50 to 11:20am, Colorado Convention Center, Ballroom Level, Mile High Ballroom 1AB
- David Bryant Naff, Alison C Koenka, Korinthia D. Nicolai, Beth Fowler, Tiffany Hinton, Danielled N. Berry, Amanda Vite

Using Data for Decision Making to Promote Student Learning

- Session Type: Roundtable Session
- 5:10 to 6:40pm, Colorado Convention Center, Ballroom Level, Four Seasons Ballroom 4
- David Bryant Naff (Chair)

Pandemic Lessons: Leveraging Mentorship for Future Crisis Prevention Among International STEM Students

- Session Type: Roundtable Session
- 9:50 to 11:20am, Colorado Convention Center, Ballroom Lvl, Four Seasons Ballroom 1
- Chi-Ning Chang, Lindai Xie, Guan Saw, Yaoying Xu, Nichole Dorton

Fresh Perspectives on Estimating Complex Multilevel Models: Counts, Mixtures, Interactions, and Machine Learning

- Session Type: Paper Session
- 1:30 to 3:00pm, Colorado Convention Center, Meeting Room Level, Room 104
- Chi-Ning Chang (Chair)

Unpacking Education Choice: Leveraging Machine Learning to Explore School and Homeschool Decisions

- Session Type: Poster Session
- 1:30 to 3:00pm, Colorado Convention Center, Exhibit Hall Level, Exhibit Hall F
- Cammie Justus-Smith, Tzu-Wei Wang, Georgia Heyward

AERA Graduate Student Council: Closed Meeting

- Session Type: Governance Session
- 5:10 to 6:40pm, Colorado Convention Center, Meeting Room Level, Room 401
- Cammie Justus-Smith, et al., (35 other participants).

AERA Graduate Student Social (GSC)

- Session Type: Invited Speaker Session
- 8:50 to 10:20pm, Colorado Convention Center, Meeting Room Level, Room 501 & 502
- Honey Walrond, Cammie Justus-Smith



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Sunday, April 27th

Gender Racialized Education: Parental Expectations and the Academic Trajectory of Black Males

- Session Type: Poster Session
- 8:00 to 9:30am, Colorado Convention Center, Exhibit Hall Level, Exhibit Hall F
- *Joyce Robinson, Xun Liu, Kathleen Moritz Rudasill, Jennifer LoCasale-Crouch*

Gender Racialized Education: Parental Expectations and the Academic Trajectory of Black Males: SIG-Critical Examination of Race, Ethnicity, Class and Gender in Education

- Session Type: e-Lightening Ed-Talk Session
- 8:00 to 9:30am, Colorado Convention Center, Exhibit Hall Level, Exhibit Hall F-stage 1
- *Joyce Robinson, Xun Liu, Kathleen Moritz Rudasill, Jennifer LoCasale-Crouch*

Evaluating the Evaluators: The Role of Feedback in Program Evaluation.

- Session Type: Paper Session
- 1:30 to 3:00pm, Colorado Convention Center, Meeting Room Level, Room 403
- *Jeen Mariam Joy, Lisa M. Abrams, Jesse Senechal, Hillary Parkhouse, Meleah Ellison*

Measuring Racism: A Meta-Analytic Confirmatory Factor Analysis (MA-CFA) of the Colorblind Racial Attitudes Scale (CoBRAS)

- Session Type: Paper Session
- 11:40am to 1:10pm, Colorado Convention Center, Terrace Level, Bluebird Ballroom Room 2F
- *Kamden Strunk, Tzu-Wei Wang.*

Design-Driven Co-Design: Centering Program Participants Using an Integrated Approach to Evaluation

- Session Type: Paper Session
- 1:30 to 3:00pm, Colorado Convention Center, Meeting Room Level, Room 403
- *Georgia Heyward, Lisa M. Abrams, Elizabeth Edmondson*

Understanding Pipelines for Postsecondary Readiness: An RPP Multiple Case Study

- Session Type: Symposium
- 8:00 to 9:30am, Colorado Convention Center, Terrace Level, Bluebird Ballroom Room 3E
- *David Bryant Naff, Tomika L. Ferguson, Amy E. Jefferson, Jenna Lenhardt, Isaiah Moore*

How College Personnel Embracing AI?— A Mixed Method Study

- Session Type: Poster Session
- 8:00 to 9:30am, Colorado Convention Center, Exhibit Hall Level, Exhibit Hall F
- *Lindai Xie, Yingying Jiang Fangfang Mo, Chi -Ning Chang*