



# CEHHS RESEARCH SHOWCASE

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FRIDAY, MARCH 22, 2024

# SCHEDULE OF EVENTS

TIME	ACTIVITY	LOCATION
8:00 AM	Registration & Coffee	Atrium
8:30 AM	Concurrent Session 1	G151 (spotlight), G158, 3301, 3209
9:30 AM	Coffee Break	Atrium
9:45 AM	Concurrent Session 2	G151 (spotlight), G158, 3301, 3209, 1203
10:45 AM	Coffee Break	Atrium
11:00 AM	Concurrent Session 3	G151 (spotlight), G158, 3301, 3209, 1203
12:00 PM	Remarks & Awards	Atrium
12:15 PM	Lunch	Atrium
1:00 PM	Poster Session: Even Numbers	Ground Floor & First Floor
1:45 PM	Poster Session: Odd Numbers	Ground Floor & First Floor
2:30 PM	Conference Concludes	

# PROGRAM

Note: Names in bold indicate who is presenting the project. Multiple names in bold indicate faculty and students are co-presenting the project.

## Concurrent Session 1

8:30 - 9:30 AM

### Room G151

Gagné Research Award Finalists

**Nuodi Zhang (EPLS)**, Fengfeng Ke, Yanzhe Yang, Alex Barrett, & Zlatko Sokolikj  
*Detecting Neurodiverse Learners' Frustration During Educational Gameplay Using Sequential Pattern Mining*

**Anand Sunny Narayanan (HNFS)**, Caleb Towne, Gabriella Mazzorana, & Michael Delp  
*Simulated Deep Space Radiation Exposure Causes Long-term Effects With Cervical Lymphatic Biology*

**Susmit S. Gulavani (SM)**  
*Re-examining the Psychological Continuum Model Using Machine Learning*

**Qiong Wu (HDFS)** & Emma Hooper  
*White and Black Parents' Emotion Coaching Beliefs: Differential Associations with Preschooler's Behavioral Problems*

### Room G158

**Shengli Dong (EPLS)**, Parish Gandhi, & Maya Antes  
*Cultural Sensitivity Review on Brief Mindfulness Meditations for Chinese American Adolescents*

**Tamara Bertrand Jones (ELPS)**, **Gabrielle Haggins (ELPS)**, **Jessica Griffin (ELPS)**, Tonisha Lane, Nijay Hayward, & Tatianna Dupiere  
*"I Am My Own Worst Critic:" Black Doctoral Women's Experiences of the Imposter Phenomenon*

**Allan Jeong (EPLS)** & Hyoung Seok Shin  
*Mining, Analyzing, and Modeling the Cognitive Strategies Students Use to Construct Higher Quality Causal Maps*

## CONCURRENT SESSION 1 (CONT.)

### Room 3301

**Eunhui Yoon (EPLS)**, Youn Jung Ho, & Lyds Sherman

*Career Group Counseling for TNG/E College Students by Using the Cognitive Information Processing Model*

**Mahshid Mahbodi (STE)**, **Mostafa Papi (STE)**, & Dominik Wolff

*Examining the Relationship Between Feedback-Seeking Behaviors and Learner Preferences for Different Types of Corrective Feedback*

**James Du (SM)**, Amy Kim, & Damon Andrew

*Capacity of Local Adult Sport Leagues for the Longitudinal Development of Hedonic and Eudaimonic Well-being: A Bayesian Latent Growth Curve Approach*

### Room 3209

Seth Hayden & **Chris LaFever (EPLS)**

*Addressing Co-occurring Career and Mental Health Concerns: A Cognitive Information Processing Approach*

**Qinchun Rao (HNFS)**, Chunya Tang, Xingyi Jiang, Changqi Liu, Brian K. Washburn, & Shridhar K. Sathe

*Effect of Temperature on Structural Configuration and Immunoreactivity of pH-stressed Soybean (*Glycine max*) Agglutinin*

**Svenja A. Wolf (EPLS)** & Aniek Roijackers

*Practice As You Preach? Coach Emotions Predict Team Emotions, Which Predict Collective Efficacy and Satisfaction During a Practice Session*

# Concurrent Session 2

9:45 - 10:45 AM

## Room G151

Gagné Research Award Finalists

**Anna Posbergh (SM)**

*Troubling Dualisms: Understanding the Creation and Implementation of Protective Policies in Elite Women's Sport*

**Jeungeun Kim (STE)**

*The Influence of Task Motivation and Task Anxiety in Repeated Tasks With Written Corrective Feedback*

**Beth Phillips (EPLS), Christopher J. Lonigan, Karli B. Willis, & Jeanine Clancy**

*One-Year Follow-up of Second-grade Language and Comprehension Intervention*

**Celia Tseyen Lee (HDFS), Chengfei Jiao, Qinglan Feng, Ming Cui, & Francis Fincham**

*Unplugged From Independence: The Association Between Overparenting, Parental Autonomy Control, and Social Media Addiction Among Emerging Adults*

## Room G158

**Motoko Akiba (ELPS) & Kenta Nagasawa**

*Teachers' Workload and Distribution: A Comparison of Japan and the U.S.*

**Marshall Mainer (SM), Hanhan Xue (SM), & Damon Andrew**

*Beyond "Covering Up Bad Acts:" Western Media Framing of Sportswashing in Qatar and the Soft Power Play*

**Bradley S. Gordon (HNFS), Jake R. Boykin, Grant R. Laskin**

*Comparing Changes to the Skeletal Muscle Transcriptome of Young and Aged Mice to Young and Aged Humans in Response to Acute Eccentric Contractions*

**Jacourie Clark (EPLS) & Alysia Roehrig (EPLS)**

*Factors Reducing Low-income Black Undergraduates' Perceptions of Academic Stress at a Predominately White Institution*

## CONCURRENT SESSION 2 (CONT.)

### Room 3301

**Jacob Stamm (EPLS), Sabrina Quiroga (EPLS), Alex Feliciano, & Deb Osborn (EPLS)**

*What Is the Impact of a College Career Course on Career Development Outcomes?*

**Jennifer L. Steiner (HNFS), Jake Boykin, Abigail L. Tice, Joseph A. Laudato, & Robert Murphy**

*Continued Use of Alcohol Accelerates Cancer Cachexia and Impairs Ability to Induce 4E-BP1 but not p70S6K Phosphorylation Following Muscle Contraction*

**Annie M. Wofford (ELPS) & Johnnie L. Allen, Jr. (ELPS)**

*Mentor in the Mirror: How Possibility Models and Anti-Mentors Shape STEM Graduate-Undergraduate Mentorship*

### Room 3209

Walter Leite, Huibin Zhang, Shibani G. Rana, Yide Hao, Amber Hatch, Lingchen Kong, &

**Hailey Kuang (EPLS)**

*Do Intelligent Tutoring Systems Benefit K-12 Students in the U.S.? A Meta-analysis*

**Amal Ibourek (STE), Lauren Wagner (STE), & Khadija Zogheib (STE)**

*Developing Elementary Teachers' Self-efficacy for Climate Change Teaching and Climate Change Knowledge Using Learning Technologies*

**Laura Reid Marks (EPLS) & Melanie Wilcox**

*A Mixed-Methods Descriptive Analysis of Addressing Anti-Black Racism and White Supremacy in Counseling Psychology Training Programs*

### Room 1203

**Kadir Kozan (EPLS), Secil Caskurlu, & Kharon Grimmet**

*Graduate Students' Satisfaction and Presence in Online Special Education*

Sam Skrob-Martin & **Sherry A. Southerland (STE)**

*Instructors' Role in Positioning the Uncertainty Students Encounter: Examining the Outcomes of Instructional Moves*

**Lyndsay Jenkins (EPLS) & Kate Mirah (EPLS)**

*Bystander Intervention in Microaggressions in High School*

## Concurrent Session 3

11:00 AM - 12:00 PM

### Room G151

Gagné Research Award Finalists

**Holly Henning (ELPS)**, Morgan Danyi Burton, Toby Park-Gaghan, & Christine Mokher

*What Does Organizational Culture Tell Us About Developmental Education Reform? Corequisite Implementation in Texas*

**Robert C. Schoen (STE)**

*Impact of an Inquiry-Oriented Intervention on Teaching and Learning of Seventh-grade Statistics*

**Gwoncheol Park (HNFS)**, Saurabh Kadyan, & Ravinder Nagpal

*A Gut Pathobiont Triggers Neuroinflammation and Neurocognitive Impairment via Breaching the Gut-Brain Axis in a Preclinical Model of Alzheimer's Disease: From Microbial Pathogenesis to Neuropathogenesis*

**Christine Mokher (ELPS)** & April Alcazar

*Finding Common Ground: Boundary Practices As a Bridge Between K-12 and Postsecondary Vocational Training in the Philippines*

### Room G158

**Seyoon Oh (SM)**, Hyosoon Yim, **Yeeun Jeong (SM)**, **Amy Chan Hyung Kim (SM)**, James Du, & Damon Andrew

*Social Outcomes of Sport Participation Among Adults with Autism Spectrum Disorder (ASD): A Systematic Review*

**Sonya Kaminski (EPLS)**, Lyndsay Jenkins, & Madison Woodall

*Relations Among Childhood Trauma and Academic Functioning*

**Lara Perez-Felkner (ELPS)**, Chantra Nhien, Yang Li, Shouping Hu, Jinjushang Chen, & Kristen Erichsen

*Following Florida's Students From High School Through Community College: Sequencing Equitable Pathways*

**Dina Vyortkina (Dean's Office)**

*AI Literacy Framework for Educators: Challenges and Opportunities*

## CONCURRENT SESSION 3 (CONT.)

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### Room 3301

Valentina Iturriaga & **Melinda Gonzales Backen (HDFS)**

*Latine Adolescent's Academic Motivation: The Effects of Exposures to Neighborhood Risks, Rule-Breaking Behaviors, and Depressive Symptoms*

**Marty Swanbrow Becker (EPLS)** & Danny Chiadriot

*University Support for Diversity Initiatives and the Impact on Help-Seeking and Help-Giving Behaviors Among Diverse College Students*

Azar Kamaldar, Domonique Caro-Rora, & **Ian Whitacre (STE)**

*Supporting Progress in Pre-service Elementary Teachers' Geometric Discourse*

**Devra Waldman (SM)**

*Inhabiting the Afterlives of Extended Urbanization in NOIDA, India: Making, Unmaking, and Remaking the City Through Housing*

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### Room 3209

**Vanessa Dennen (EPLS)** & Yasin Yalcin

*Social Media Use and Negative Emotions: A Survey of University Students*

**Joseph Watso (HNFS)**, Austin Robinson, Ross Arena, Matthew Harber, Leonard Kaminsky, & Jonathan Myers

*Hypertension and Ventilatory Inefficiency During Exercise in the Fitness Registry and the Importance of Exercise National Database (FRIEND)*

Allison Bradford, Sara Dozier, Emily Adah Miller, Jennifer Richards, **Lama Jaber (STE)**, & Leema Berland

*Engaging Cultural, Relational, and Sociopolitical Considerations in Responsive Science Teaching*

**Secil Caskurlu (EPLS)**, Ceren Ocak, & Chih-Pu Dai

*Multimodal Learning Analytics in K-8 Research: A Systematic Review*

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### Room 1203

**Russell Almond (EPLS)**

*A Filter-Map-Reduce Framework for Extracting Features from Log Files*

**Cameron C. Beatty (ELPS)**, Kathleen Gillon, & Cristobal Salinas Jr.

*Applying Critical Whiteness Studies to Disrupt and Prevent Hazing Practices*

**Timothy Kellison (SM)**, Brian P. McCullough, Jamee A. Pelcher, Beth A. Cianfrone

*Intrametropolitan Fan Responses to a Multi-sport Sustainability Campaign*



# Research Poster Session

1:00 - 2:30 PM

## Ground Floor & First Floor

1. **Karina Jalapa (HDFS)**, Qiong Joanna Wu, **Soojin Han (HDFS)**, Chorong Lee, Dania Tawfiq, & Kinsey Pocchio  
*Multigenerational Homes and Father–Child Relationships Among White and Latinx Families*
2. **Steven C. Williams II (EPLS)**  
*Understanding Wealth Identity Among College-Educated Black Millennials*
3. **Azar Kamaldar (STE)**, Domonique Caro-Rora, & Ian Whitacre  
*Supporting Progress in Pre-service Elementary Teachers’ Geometric Discourse*
4. **Jinlin Wu (EPLS) & Rana Sedeeq (EPLS)**  
*International Students’ Resilience in Higher Education Institutions in the U.S.*
5. **Youngmin Oh (EPLS) & Beth M. Phillips**  
*Predicting Listening Comprehension of Prekindergarten and Kindergarten Children From Earlier Lower- and Higher-Level Language Skills*
6. **Kun Wang (SM)**  
*“Becoming/Being and Time/Space:” Social Connections, (Re)negotiation of Identity, and Volleyball*
7. **Kayla Kuni (ELPS)**  
*Faculty Motivations for Embedding Librarians in Undergraduate Courses at South-Sun State College*
8. **Lexie Unhjem (HDFS)**  
*Intensive Parenting Across Identities*
9. **Chengfei Jiao (HDFS)**, Celia T Lee, Ming Cui, & Frank Fincham  
*Overparenting and Decision-making in Romantic Relationships and Hookups in Emerging Adults*
10. **Kinsey Pocchio (HDFS)**, Qiong Wu, Sung Min Pearl Park, Dania Tawfiq, Soojin Han, & Carson Outler  
*Feasibility and Obstacles of an Adapted Body Project Study*
11. **Jennifer Passalacqua (STE)**, Sonia Q. Cabell, Jenny Root, Clarielle Gabas  
*Spell With Me-K: A Spelling Scaffolding Intervention Using a System of Least Prompts on the Development of Kindergarten Spelling*
12. **Cho Rong Lee (HDFS) & Qiong Wu**  
*Understanding Korean Parents’ Expectations and Parenting: A Gender Perspective*
13. **Nakita M Carroll (HDFS)**  
*Mental Health, Perceived Stress, and Relationship Satisfaction Among African American Couples*
14. **Deziah Lyzell Bermudez (HDFS)**, Megan Garcia, Valentina Iturriaga, Ruth Rodriguez, & Melinda Gonzales-Backen  
*Moderating and Mediating Paths from Ethnic Socialization to Depressive Symptoms Among Latinx Youth.*
15. **Chrystal McDowell (HDFS)**  
*Bridging the Health Divide: Perspectives on Access and Attitudes in Rural and Urban Communities*
16. **Leila Khalili (HNFS)**, Gwoncheol Park, Ravinder Nagpal, & Gloria Salazar  
*The Impact of Akkermansia Muciniphila on Metabolic Health: Insights from Preclinical Mouse Model Meta-analysis*

## RESEARCH POSTER SESSION (CONT.)

17. Kun Wang & **Lingai Wang (SM)**  
*The Impact of Social Media on College Students' Physical Activity: A Systematic Review*
18. Shengli Dong, Chieh Li, Huijun Li, **Parishi Gandhi (EPLS)**, **Maya Antes (EPLS)**, Elias Latimer, & Ana Gabriela Osorio  
*Examining Cultural Sensitivity of Brief Mindfulness Meditations for Chinese American Adolescents*
19. **Katherine L. Morris (HDFS)**  
*Self-Compassion Through a Systemic Lens: An Analysis of How the Benefits Extend Beyond the Individual*
20. **Madison G. Kellenberger (STE)**, Jordan D. Dozier, Laura M. Steacy, & Donald L. Compton  
*Predictors of Set for Variability in Elementary Students With and Without Dyslexia*
21. Garret Hall, Willa van Dijk, Jason Chow, & **Sara Comella (EPLS)**  
*Common Cognitive Processes Underlying Early Reading and Math*
22. Alicia Saunders, Jenny Root, Deidre Gilley, & **Danielle Morsching (STE)**  
*The Math Detectives: Empowering Students With Intellectual Disabilities Through Problem Solving*
23. Omitted from program.
24. Ithel Jones & **Lori Walter-Carro (STE)**  
*Block Play in Early Childhood: An Integrative Review*
25. **Jordan Dozier (STE)**, Madison Kellenberger, Laura M. Steacy, & Donald L. Compton  
*Predictors of Morphological Awareness in Elementary Students With and Without Dyslexia*
26. **Sungmin Pearl Park (HDFS)**  
*The Impact of a Lack of Childhood Affirmation on Adult Romantic Relationships*
27. **Amogh Basavaraj (ELPS)**  
*Where Is the Teacher in "Teaching at the Right Level"?*
28. **Gizem Solmaz-Ratzlaff (STE)**, Charity Buntin, & Robert C. Schoen  
*Open Science Working Group: Data Management and Sharing*
29. **Anairis de la Cruz Benito (STE)** & Christine Andrews-Larson  
*Transformations in the Plane: Toward Interpretations and Proofs of Linearity*
30. **Laura Vaughn (ELPS)**  
*Finding Your Footing on the Journey to International Education*
31. **Jessica M. Ritchie (EPLS)**, Elizabeth L. Blue, Karli B. Willis, & Beth M. Phillips  
*Professional Development Websites: They Can Support Your Professional Development!*
32. **Minah Kim (STE)** & Shelby McCrackin  
*The Nature of an Online Work Group Reveals the Teaching Knowledge of Inquiry-oriented Linear Algebra Instructors Through Their Goals for Instruction*
33. **Joseph S. Yamazaki (STE)**  
*Can Effort Feedback Improve Behavioral Engagement and Performance on Highly Difficult L2 Reading Tasks?*
34. **Kate Schell (ELPS)**, Ana H. Marty, Rachel Mincey, & Marion Fesmire  
*Empowering Stakeholders to Make Meaningful Change for Literacy: Participatory Research to Foster Collective Action Across Pre-service and In-service Teacher Development*

## RESEARCH POSTER SESSION (CONT.)

35. **Wenxiao Li (STE)**  
*Elderly L2 Learners: Their L2 motivation and their L2 Learning in a Chinese EFL Class*
36. **Shiyao Wei (EPLS)**, Ran Bi, & Bret Staudt Willet  
*AI Literacy in the Wild: Topics Discussed in an Online Forum of AI Painting*
37. **Spirit Karcher (STE)** & Susana Brewer Castano  
*An Exploration of Precalculus Students' Reasoning About Exponential Functions*
38. **Darius Robinson (ELPS)**, Cameron C. Beatty, & Johnnie Allen Jr.  
*Engaging Black College Men's Leadership Identity, Capacity, and Efficacy Through Liberatory Pedagogy*
39. Dylan S. Harrison, Lyndsay N. Jenkins, **Annika R. Simpson (EPLS)**, & Amanda B. Nickerson.  
*Empathy, Attitudes, and School Climate: Impact on Victimization and Intervention*
40. **Ryan Coker (STE)**, Lama Jaber, & Sherry Southerland  
*Pre-service Teachers' Orientations to the Role of Student Thinking in Instruction Across the Two-Worlds Divide*
41. **Saurym Quezada (STE)** & Erika Fundelius  
*Eyes to Teach? Exploring Views on Blind Educators as Vision Teachers*
42. **Paul A. Baker (HNFS)**, Mostafa M. Ali, Cesar A. Meza, Holly E. Clarke, Tim D. Griest, Cameron M. McCarthy, Michael J. Ormsbee, & Robert C. Hickner.  
*12 Weeks of Resistance Exercise Training or Endurance Exercise Training Has No Effect on Energy Expenditure Before, During, or After an Acute Bout of Walking Exercise in Sedentary Postmenopausal Women with Obesity and Prediabetes*
43. **Wenting Song (EPLS)** & G. Curt Fulwider  
*Into the Unknown: Exploring Motivation and Identity Development in Transracial Adoptee Heritage Language learners*
44. **Miseong Kim (STE)**  
*The Effect of Metacognitive Instruction with Written Corrective Feedback on Secondary Students' Engagement and Functional Adequacy in L2 Writing*
45. **Hui Shi (EPLS)**, Nuodi Zhang, Secil Caskurlu, & Hunhui Na  
*Applications and Evaluations of Classical Machine Learning and Deep Learning for At-risk Student Prediction in Online Education: A Systematic Review and Quality Analysis*
46. **Anum Fatima (ELPS)**  
*Teachers' Use of Social Media Platforms in Pakistan*
47. Holly Henning, **Morgan Danyi (ELPS)**, Christine Mokher, Toby Park-Gaghan.  
*Same Policy, Different Needs: Corequisite Variation and Placement Following Statewide Developmental Education Reform*
48. **Amber Noor Mustafa (ELPS)**  
*The Tale of Two Policies: Comparing Approaches to Education Policymaking of International Development Organizations and National Actors for the Same Outcomes*
49. **Dan He (EPLS)**  
*International Ph.D. Students' Use of Social Media in Navigating Academic and Cross-Cultural Adaptation*
50. **Alex Barrett (EPLS)**, Fengfeng Ke, Chih-Pu Dai, Nuodi Zhang, Saptarshi Bhowmik, Luke West, Sherry Southerland, & Xin Yuan  
*Ambitious Talk Move Patterns in Pre-service Teacher Discourse With AI-integrated Student Agents*

## RESEARCH POSTER SESSION (CONT.)

51. **Jiaying Wang (SM)**, Jeffrey James, & James Du  
*Logical Telling or Sentiment Evoking: Comparing Sport Consumers' Reactions to Different Message Appeal Strategies*
52. **Alicia Batailles (STE)** & Sherry Southerland  
*Understanding Aspects of Mentored Undergraduate Research Experiences and Participant Career Clarity*
53. **Zahra Gholami (ELPS)** & Lara Perez-Felkner  
*A Nuanced Analysis of the Effects of Financial Aid on College Students' Postsecondary Success*
54. **Kyeongwon Kim (ELPS)**  
*Staying or Leaving? Teacher Social Status and Turnover Intention*
55. **Dinara Ibrayeva (ELPS)**  
*State Scholarships and Student Success in Kazakhstan*
56. **Kevin Ganus (ELPS)** & Walt Ecton  
*An Examination of CTE Program Articulation Agreements Made Available by States*
57. **Xiaonan Jiang (ELPS)** & Motoko Akiba  
*A Comparative Study on Teacher Collaborative Learning Between the U.S. and Shanghai*
58. **Mostafa Sabouri (HNFS)**, Zhuoxin Li, Xiangyu Zheng, Jennifer Berg Sen, Joseph Bernardo, & Daniel R Machin  
*Identifying the Time Course and Contributors for Western Diet-induced Increase in Glycocalyx Barrier Function*
59. **Xiangyu Zheng (HNFS)**, Jennifer Berg Sen, Zhuoxin Li, Kathryn Cofran, Mostafa Sabouri, Joseph Bernardo, & Daniel Machin  
*Lactobacillus Plantarum 299v Administration Prevents High-sodium Diet-induced Glycocalyx Degradation and Arterial Dysfunction*
60. **Tooyib A. Azeez (HNFS)**, Paige R. Rhein, Clifford J. Pierre, Arthur L. Burnett, & Justin D. La Favor  
*Hydrogen Sulfide Regulates Erectile Function Through Stimulation of Antioxidant Defense in the Corpus Cavernosum*
61. **Aida Rahimi Kahmini (HNFS)**, Michelle s Parvatiyar, & Christopher Solis  
*Sarcolemmal Protein Reorganization May Underlie Arrhythmia Susceptibility in Sarcospan-deficient Mice*
62. **Nazanin Mohammadipoor (HNFS)**, Isela C. Valera, Aida Rahimi Kahmini, Sonu Patel, Jaelynn Florence, Bolade S. Olateju, Khari King, & Michelle S. Parvatiyar  
*Investigating the Novel Role of Sarcospan in Modulating Immune Function in Mice*
63. **Alexis LaChance (EPLS)**, Lyndsay Jenkins, & Maria Aliberti.  
*Indirect Effect of School Climate on Stress and Social-emotional Well-being in Adolescents*
64. **Ruveyde Asli Kaya (STE)** & Sherry Southerland  
*"It felt like I was almost there..." Elementary Pre-service Teachers' Vexations About Responsive Science Teaching*
65. **Bolade Olateju (HNFS)**, Luaye Samarah, Isela C. Valera, Aida Rahimi Kahmini, Hyun Seok Hwang, Chinyere Oke, Jocelyn Millan, Nazanin Mohammadipoor, Gloria Salazar, & Michelle S. Parvatiyar  
*Examining the Impact of Environmental and Genetic Factors that Influence Sarcospan Expression in the Heart*

## RESEARCH POSTER SESSION (CONT.)

66. **Sungkyum Kim (ELPS)**  
*A Cross-country Analysis of the Relationships Between Aid Fragmentation, Government Quality, and Education Outcomes*
67. **Joseph D. Vondrasek (HNFS)**, Soolim Jeong, Omar B. El-Kurd, Braxton A. Linder, Nina L. Stute, Christin Domeier, Thomas G. Bissen, James R. Bagley, Austin T. Robinson, Matthew C. Babcock, Gregory J. Grosicki, & Joseph C. Watso  
*Blood Pressure and Central Arterial Stiffness Before and After a 161-km Ultra-endurance Race*
68. Laura Reid Marks, Sabrina Dickey, Christine Ouma, Nicholas Reese, Witney Talabert, Monina Reyes, Edwin Tang, **Lyds Sherman (ELPS)**, Ahavah Davis, & Noel Magwood  
*Classism, Racial Microaggressions, and Sense of Belonging in Black, Indigenous, and People of Color (BIPOC) College Students*
69. **Christin Domeier (HNFS)**, Joseph D. Vondrasek, Thomas G. Bissen, Austin T. Robinson, Matthew C. Babcock, & Joseph C. Watso  
*Older Versus Younger Females Matched for Body Composition Have Lower Sympathetic Transduction at Rest*
70. Shengli Dong, Bryce Hickey, **Sarah Shelby (EPLS)**, **Gabriela Tovar (EPLS)**, & Nicholas White  
*Career Readiness and Well-being for College Students With Disabilities in the Era of Artificial Intelligence*
71. Omitted from program.
72. **Maria Aliberti (EPLS)**, Lyndsay Jenkins, & Alexis LaChance  
*Influence of Empathy, Personal Attitudes, and Peer Attitudes on Bystander Actions*
73. **Heyjin An (STE)** & Shaofeng Li  
*The Effects of Written Corrective Feedback and Working Memory on EFL Learners' Second Language Development Under Three Different Planning Conditions*
74. **Tylich Parrish (EPLS)**, Raines Baker, Danny Chiarodit, & Martin Swanbrow Becker  
*When College Students' Concerns of Suicide Increase, Where Do They Turn for Help?*
75. **Shushan Dai (SM)**  
*Streaming the Gender Politics of an Attention Economy: An Analysis of Spectacle Precarity in Women's Esports Labor*
76. **Hyosoon Yim (SM)**, Seyoon Oh, Amy Chan Hyung Kim, & James Du  
*Sense of Community in Sport and Happiness: A Mediating Role of Social Well-being*
77. **Raines Baker (ELPS)**, Tylich Parrish, **Danny Chiardoit (EPLS)**, & Marty Swanbrow Becker  
*How Perceptions of University Support of Diverse Students Influence Help-seeking and Help-giving*
78. **Crystal Marroquin (HDFS)**, Katie Morris, & Zachary Trevino  
*The Initial Validation of the Power in Couple Relationships Scale*
79. **Hunhui Na (EPLS)**  
*Developing Computational Thinking Through Problem Design and Solving on Online Game Platforms*
80. **Sierra Morandi (STE)**  
*Humanizing Science Learning: Talk As a Vehicle for Love and Care*

## RESEARCH POSTER SESSION (CONT.)

81. Stacey A. Rutledge, Stephen Bunn, Kevin Ganus, **Seungbae Kim (ELPS)**, & Vanessa Paz Dennen  
*Big Tech, Parents, Schools, or Leave the Kids Alone? Comparing State Policy Efforts With Evidence From Teens*
82. **Allison Metcalf (STE)**, Lama Jaber, & Shannon Davidson  
*"I Am Deeply Struggling:" Exploring a Preservice Science Teachers' Grappling With Commitments and Constraints"*
83. **Colin Ihrig (HNFS)**, Clifford Pierre, Tooyib Azeez, & Justin La Favor  
*Investigation of Hydrogen Sulfide Therapy as a Strategy to Preserve Erectile Health During Androgen Deprivation*
84. **Leah Register (ELPS)**  
*#TeacherQuitTok: Collective Sensemaking on TikTok and Its Unintended Consequences for Teacher Labor Markets*
85. **Grant R. Laskin (HNFS)**, Liliana I. Rentería, & Bradley S. Gordon  
*Moderate Intensity Aerobic Exercise Prevents Myopathic Consequences of Glucocorticoid Administration in Aged Female Mice*
86. Shengli Dong, Jinlin Wu, **Alexis Kuykendall (EPLS)**, Zachary Syska, & Yvette Obediente  
*Intersectionality of Workplace Accommodations and Aging: A Scoping Review*
87. Omitted from program.
88. **Domonique Caro Rora (STE)**, Rolanda Payne, Charles Flowers, Karon Stewart, & Blake Turner  
*Black Fugitive Pedagogies in Mathematics Education: Enunciating Subversive Practices of Mathematics Teacher Educators*
89. **Saurabh Kadyan (HNFS)**, Gwoncheol Park, Nathaniel Hochuli, & Ravinder Nagpal  
*Prenatal Omega-3 Fatty Acid Exposure Shapes the Neonatal Microbiome and Attenuates Western Diet-induced Metabolic and Neurocognitive Deficits*
90. **Qinglan Feng (HDFS)**, Chengfei Echo Jiao, Celia T. Lee, Ming Cui, & Carol A. Darling  
*Marital Difficulties, Coparenting Conflict, Parenting Stress, and Life Satisfaction Among Parents of Adolescents*
91. **Joshua Burns (ELPS)**, Barbora Melichova, & Bryanna Velez  
*Caring More for Our First-Year, First-Generation, and Low-Income Students: Perceptions of Barriers and Transitional Success*
92. Veronica Fleury, Dr. Lindsay Dennis, & **Alice Williams (STE)**  
*Level Up: Supporting Professionals to Provide Dialogic Reading Through Online Module Professional Development*
93. **Chaewon Kim (EPLS)**, Sam Sprenkle, & Curt Fulwider  
*Unveiling the Measurement of Self-efficacy in Game-based Learning*
94. Omitted from program.
95. Omitted from program.
96. **Carson Outler (HDFS)** & Crystal Marroquin  
*Starting New Dialogue: The Enduring Concepts of Virginia Satir's Human Validation Process Model*
97. Hajeen Choi, **Jaesung Hur (EPLS)**, & Dan He  
*Exploring Otherness, Microaggression, and Discrimination in Online Learning*

## RESEARCH POSTER SESSION (CONT.)

98. **Rebecca M. Vasile (STE)**  
*The Effect of Shared Book Reading on Incidental Word Learning in Early Childhood: A Meta-analysis*
99. **Ravi Bhatt (ELPS)**  
*Coordinated and Collected: Using the NASPA Compass Report to Steer Higher Education Academic Programs*
100. **Derrick Pacheco (ELPS)**  
*De la Playa a las Palmas: Caribbean American Student Leadership in American Higher Education*
101. **Chunya Tang (HNFS)**, Yaqi Zhao, Xingyi Jiang, Sarajeen Saima Hoque, Youneng Tang, Juzhong Tan, & Qinchun Rao  
*Evaluation of Ultrasonication and Plasma-activated Water (PAW) on White Shrimp (*Litopenaeus setiferus*) and Atlantic Cod (*Gadus morhua*) Protein*
102. **Yaqi Zhao (HNFS)**, William Mumby, & Qinchun Rao  
*Immunodetection of Egg Yolk Residues*
103. **Juan Gao (HNFS)**, Jing Yang, Chunya Tang, Aravind Kumar Bingi, Yaqi Zhao, Juzhong Tan, & Qinchun Rao  
*Investigation of Antioxidant and Anticancer Properties of Muscadine Grape Pomace-Enriched Chocolate Through In-Vitro Static Digestion*
104. **C.J. Partington (STE)** & Sonia Q. Cabell  
*Effect of Content Instruction on Preschool and Kindergarten Children's Vocabulary Outcomes*
105. **Hyuk Choi (HNFS)** & Leqi Cui  
*Effects of Substituting Sodium Chloride With Potassium Chloride on Lipid Oxidation of O/W Emulsions Stabilized by Cetyltrimethylammonium Bromide (CTAB)*
106. Veronica Fleury, Denise Dennis, **Peter Marti (STE)**, & Debora Nunes.  
*Assessing the Social Validity of an Adaptive Shared Reading Intervention*
107. **Ruth Rodriguez (HDFS)** & Melinda Gonzales-Backen  
*The Influence of Discrimination and Ethnic-Racial Affirmation on Acculturative Stress*
108. Garret Hall & **Emma Doyle (EPLS)**  
*Math Screening Accuracy Across English Language Proficiency*
109. **Taylor Soloway (HDFS)** & Michael Langlais  
*Beware of Zombies: Examining the Return of Close Others in Romantic Relationships*
110. **Lu Liu (EPLS)** & Yanyun Yang  
*Investigating Impacts of Measurement Non-Invariance on Classification Based on Scale Scores*
111. **April Lovett (ELPS)**  
*"Second-class Citizens:" Exploring the Perceptions of Racially Marginalized Staff at a PWI*
112. Omitted from program.
113. **Aravind Kumar Bingi (HNFS)**, Yaqi Zhao, Juan Gao, Chunya Tang, & Qinchun Rao  
*Valorization of Pelagic Sargassum spp. to Study the Effect of Non-thermal Processing on Extraction and Characteristics of Alginate*
114. Laura Reid Marks, Nicholas Reese, Witney Talabert, & **Jacob Perez (EPLS)**  
*Engaging Black College Students Who Practice Risky Drinking Behaviors in Mindfulness Mobile Health*
115. **Scott White (SM)**  
*Closing Time: Open Records Law and College Athletics*

## RESEARCH POSTER SESSION (CONT.)

116. **Jingjing Cheng (HNFS)**  
*Fabrication, Characterization, and Application of Protein-based Edible Film Enhanced by Essential Oil Emulsions*
117. **Alex J Moran (ELPS)**  
*Strengthening the Teacher Pipeline: Targeted Teacher Loan Forgiveness Policies*
118. **Mariana Talpau Joos (EPLS) & Alysia Roehrig**  
*What Else Goes Into a Child's Writing? Dynamic Experiences of a Young Heritage Language Writer*



# OTHER CONFERENCES

2024 presenters are sharing their research at the following conferences:

CONFERENCE	LOCATION
American Physiological Society	Long Beach, CA
American Association for Applied Linguistics	Houston, TX
American Association for Marriage and Family Therapy	Provo, UT
American Association of Suicidology	Las Vegas, NV
American College Personnel Association	Chicago, IL
American Educational Research Association	Philadelphia, PA
American Oil Chemists' Society	Montréal, QC, Canada
American Psychological Association	Washington, D.C.
American Statistical Association	Toronto, ON, Canada
Association for Education Finance and Policy	Baltimore, MD
Association for Educational Communications and Technology	Orlando, FL
Association for Specialists in Group Work	Portland, OR
Association of Mathematics Teacher Educators	Orlando, FL
Athens Institute for Education and Research	Athens, Greece
Biophysical Society Meeting	Philadelphia, PA
Center for Sociocultural Sport and Olympic Research	Fullerton, CA
Cognition and Exploratory Learning in the Digital Age	Maderia, Portugal
Comparative and International Education Society	Miami, FL
Comparative Education Society of India	Assam, India
Conference on Research Innovations in Early Intervention	San Diego, CA
Council for Exceptional Children	Honolulu, HI
Council for Learning Disabilities	Denver, CO
East-West Center	Honolulu, HI
Eastern Educational Research Association	Clearwater, FL
Florida Counseling Association	Tampa, FL
Florida Educational Research Association	Hollywood, FL
Florida Suicide Prevention Coalition	Tampa, FL
Global English Education China Assembly	Macao, China
Gulf Summit South	Auburn, AL
Gut Microbiota for Health	Washington, D.C.
Illinois Library Association	Springfield, IL
Infectious Disease Week	Boston, MA

## OTHER CONFERENCES (CONT.)

International Association for the Psychology of Language Learning	Madrid, Spain
International Conference on Higher Education Advances	Valencia, Spain
International Conference on the e-Society	Porto, Portugal
International Critical Geographies	Mexico City, Mexico
International Dyslexia Association	Columbus, OH
International Family Therapy Association	Toyoma, Japan
International Society of the Learning Sciences	Buffalo, NY
Mathematical Association of America	Omaha, NE
National Aeronautics and Space Administration	Galveston, TX
National Association for Research in Science Teaching	Denver, CO
National Association of School Psychologists	New Orleans, LA
National Association for the Education of Young Children	Nashville, TN
National Association of Student Personnel Administrators	Seattle, WA
National Career Development Association	San Diego, CA
National Council of Teachers of Mathematics	Washington, D.C.
National Council on Family Relations	Orlando, FL
National Multicultural Conference and Summit	Santa Fe, NM
North American Chapter of the International Group for Psychology of Mathematics Education	Reno, NV
North American Society for Sport Management	Minneapolis, MN
North American Society for the Psychology of Sport and Physical Activity	New Orleans, LA
North American Society for the Sociology of Sport	New Orleans, LA
American Society for Nutrition	Chicago, IL
Pacific Coast Research Conference	San Diego, CA
Research Society on Alcohol	Minneapolis, MN
Society for Information Technology and Teacher Education	Las Vegas, NV
Society for Personality and Social Psychology	San Diego, CA
Society for Research in Child Development, Anti-Racist Developmental Science Summit	Panama City, Panama
Society for Research on Adolescence	Chicago, IL
Society for the Scientific Study of Reading	Port Douglas, Australia
Southeast American College of Sports Science Medicine	Greenville, SC
Sport and Recreation Law Association	Baltimore, MD
TASH	Baltimore, MD
The Montessori Event	Orlando, FL

**Total Conferences: 65**

# ROBERT M. GAGNÉ

## RESEARCH AWARD

Robert Mills Gagné earned his Ph.D. from Brown University in 1940. In 1969, following an already distinguished career working with U.S. Air Force research laboratories, acting as director of research for the American Institutes of Research, and serving as a distinguished professor at the University of California at Berkeley, Gagné was recruited to FSU. He is the only faculty member in the College of Education to have served as president of the American Educational Research Association. He is only the second faculty member from the college to have been named a Robert O. Lawton Distinguished Professor, the highest honor that the faculty can bestow on a colleague. His scholarly contributions elevated the reputation of his program, Instructional Systems, as well as the college and university. Gagné retired in 1985 but continued working and writing for almost 10 more years. This award honors his research legacy and the spirit of mentoring with which he worked with students and faculty colleagues.

## Robert M. Gagné Finalists

### Faculty

Christine Mokher

*Educational Leadership & Policy Studies*

Beth Phillips

*Educational Psychology & Learning Systems*

Robert C. Schoen

*School of Teacher Education*

Anna Posbergh

*Sport Management*

Anand Sunny Narayanan

*Health, Nutrition, and Food Sciences*

Qiong Wu

*Human Development & Family Science*

### Students

Holly Henning

*Educational Leadership & Policy Studies*

Nuodi Zhang

*Educational Psychology & Learning Systems*

Jeungeun Kim

*School of Teacher Education*

Susmit S. Gulavani

*Sport Management*

Gwoncheol Park

*Health, Nutrition, and Food Sciences*

Celia Tseyen Lee

*Human Development & Family Science*

# CORE

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## COUNCIL ON RESEARCH EXCELLENCE

The purpose of the Council on Research Excellence (CORE) is to raise and address issues related to research and grant possibilities within the College of Education, Health, and Human Sciences (CEHHS) and to facilitate collaboration within and across departments and schools in order to promote research initiatives. To support and enhance the community of inquiry and facilitate research dissemination in our college, travel expense funding, provided by the Dean's Office, is awarded to faculty and graduate students. In addition, one faculty member and one graduate student receive a Robert M. Gagné Research Prize.

## CORE Committee Members

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Stacey Rutledge  
*Educational Leadership & Policy Studies*

Garret Hall  
*Educational Psychology & Learning Systems*

Shaofeng Li  
*School of Teacher Education*

Ryan Rodenberg  
*Sport Management*

Ravinder Nagpal  
*Health, Nutrition, and Food Sciences*

Heidi Gazelle  
*Human Development & Family Science*

*A special thanks to this year's CORE committee who made this event possible with the assistance of student volunteers and staff from the Office of Research and Office of Strategic Outreach & Recruitment. Additionally, the CORE committee would like to gratefully acknowledge the assistance of colleagues who contributed time to review papers for their departments.*



FLORIDA STATE UNIVERSITY  
COLLEGE OF EDUCATION,  
HEALTH, AND HUMAN SCIENCES