



Marwalene Hughes
**RESEARCH IN EDUCATION
CONFERENCE**

FRIDAY, MARCH 29, 2019



FLORIDA STATE UNIVERSITY
COLLEGE OF EDUCATION

2019 MARVALENE HUGHES RESEARCH IN EDUCATION CONFERENCE

About the Title Sponsor



Dr. Marvalene Hughes is a distinguished alumna of the College, where she earned her Ph.D. in Counseling and Administration. She is also a Florida State University Grad Made Good recipient. She previously served in a number of teaching and administrative positions at major research universities, including university president positions at Dillard University and California State University, Stanislaus. Dr. Hughes has engaged in research and published widely in the fields of education, human behavior, diversity, and organizational management. She also has been actively involved, nationally and internationally, in professional associations. Her generous support of this

event is an illustration of her commitment to higher education and her vision for creating partnerships that advance the common good.

The Marvalene Hughes Research in Education Conference is an annual event that is organized by the Council on Research in Education (CORE) committee to celebrate and showcase the work of COE faculty and graduate students. The first CORE Conference was held in 2007. In 2009, Dr. Marvalene Hughes began co-sponsoring the event, and generously continues to do so.

PROGRAM

Spotlight Sessions, Room G152

9:00 - 9:45 Spotlight Session 1

S. Kathleen Krach

Can Computers Teach Social Skills? Examining The Social Express

Toby Park

Accelerated Success? The Impact of Florida's Developmental Education Reform on Gateway Course Completion

Fengfeng Ke with Biswas Parajuli and Danial Smith

Assessment of Learning in Action in the Game-based Learning Environment

10:00 - 11:00 Spotlight Session 2

Sonia Cabell

Effects of a Text-Messaging Parent Intervention on Preschoolers' Literacy Development

Lyndsay Jenkins

Bystander Roles in Peace and Conflict: Application to the School Setting

Jenny Root

Supporting the Early Numeracy Development of Students with Autism

11:10 - 11:55 Three-Minute Thesis Competition

Sarah Cox with Jenny Root

Promoting Mathematical Practices Through Modified Schema-Based Instruction for Students With Autism Spectrum Disorder

Ye Wang with Gershon Tenenbaum

Remembering and Forgetting Emotional Sport Events

Mark Akubo

Exploring Student-Centered Active Learning Environment in Undergraduate Physics (SCALE-UP): Examining Epistemic Agency in Small Group Interactions

Seyma Intepe-Tingir

Reading Interventions by Using iPad, Tablets or Hand Held Devices for Students with Special Needs in K to 12

John Muchira

Stimulating Agribusiness Entrepreneurship to Solve Youth Unemployment in Kenya

SCHEDULE OF EVENTS

TIME	ACTIVITY	LOCATION
8:30-9:00 AM	Registration	Atrium Ground Floor
9:00-9:45 AM	Paper Session 1	G152 (spotlight), G150 & 1203 (concurrent)
9:45-10:00 AM	Morning Break	Atrium Ground Floor
10:00-11:00	Paper Session 2	G152 (spotlight), G150 & 1203 (concurrent)
11:10-11:55	Three-Minute Thesis (3MT) Competition	G152
12:00-12:30	Research Poster Session	Atrium Ground Floor & First Floor

Concurrent Sessions, Room G150

9:00 - 9:45 Concurrent Session 1

Vanessa Dennen

Social Media, Teens, and Schools: Where's the Research?

Lama Jaber with Victor Kasper and Shannon Davidson

Does This Have Anything to Do with Systemic Racism? Preservice Teachers' Meaning-Making Within a Field-Experience

Bradley Cox

Connections Between Autism-Related Characteristics and Postsecondary GPA

10:00 - 11:00 Concurrent Session 2

Phil Hiver with Gabriel Obando, Shiyao Zhou, Yuan Sang, Yang Zhou and Somayeh Tahmouresi

Reframing the L2 Learning Experience as Narrative Reconstructions of Classroom Learning

Stacey Rutledge with Elizabeth Gilliam and Brittany Closson-Pitts

Scaling Systemic Personalization Through Continuous Improvement: An Approach for High School Reform

Sherry Southerland with Anna Grinath

Fostering Explanatory Rigor in Undergraduate Biology Discussions: An Exploratory Study of Teaching Assistant Learning

Courtney Preston with Miray Tekkumru-Kisa, Zahid Kisa, Elif Oz, and Jennifer Morgan

Measuring Instructional Quality in Science in the NGSS Era

Concurrent Sessions, Room 1203

9:00 - 9:45 Concurrent Session 1

Martin Swanbrow Becker with Alex Fisher, Diana Carbonell, and Emily Crenshaw

Resident Assistants' Gatekeeper Performance – Are They Better in Living Learning Communities?

Mostafa Papi with Anna Bondarenko, Chen Jian, and Shiyao Zhou

Feedback-Seeking Behavior in Second Language Writing Classes: The Role of Mindsets

Christine Mokher with Toby J. Park and Shouping Hu

The Cost Implications of Developmental Education Reform: Evidence from Students and Institutions in Florida

10:00 - 11:00 Concurrent Session 2

John Myers with Keith Rivero

Preparing Preservice Teachers for Teaching Global Issues Using an Online, Disciplinary Simulation

Lara Perez-Felkner with Sophia Glenyse Rahming

HBCUs Are a Different World: Black Women in an Undergraduate Engineering Intervention

Ithel Jones with Bulent Kocyigit

Teacher Child Relationships and Interactions During Science Lessons

Three-Minute Thesis Competition

11:10 - 11:55 AM
Room G152

Sarah Cox with Jenny Root

Promoting Mathematical Practices Through Modified Schema-Based Instruction for Students With Autism Spectrum Disorder

Ye Wang with Gershon Tenenbaum

Remembering and Forgetting Emotional Sport Events

Mark Akubo

Exploring Student-Centered Active Learning Environment in Undergraduate Physics (SCALE-UP): Examining Epistemic Agency in Small Group Interactions

Seyma Intepe-Tingir

Reading Interventions by Using iPad, Tablets or Hand Held Devices for Students with Special Needs in K to 12

John Muchira

Stimulating Agribusiness Entrepreneurship to Solve Youth Unemployment in Kenya

Three-Minute Thesis Judging Criteria

Comprehension & Content

- Did the presentation provide an understanding of the background to the research question being addressed and its significance?
- Did the presentation clearly describe the key results of the research, including conclusions and outcomes?
- Did the presentation follow a clear and logical sequence?
- Were the thesis topic, key results and research significance and outcomes communicated in language appropriate to a non-specialist audience?
- Did the speaker avoid scientific jargon, explain terminology and provide adequate background information to illustrate points?
- Did the presenter spend adequate time on each element of their presentation - or did they elaborate for too long on one aspect or was the presentation rushed?

Engagement & Communication

- Did the oration make the audience want to know more?
- Was the presenter careful not to trivialize or generalize their research?
- Did the presenter convey enthusiasm for their research?
- Did the presenter capture and maintain their audience's attention?
- Did the speaker have sufficient stage presence, eye contact and vocal range; maintain a steady pace, and have a confident stance?
- Did the PowerPoint slide enhance the presentation? Was it clear, legible, and concise?

**Research Poster Session
12:00 - 12:30 PM**

COE Atrium, Ground Floor & First Floor

- 1 Bodunrin Akinrinmade (ELPS)
Stakeholders' Contributions to Education in Kaduna City, Nigeria: Perceptions of Displaced Children and Local Stakeholders
- 2 Mark Akubo (STE) with Clausell Mathis, and Sherry Southerland
Studio Physics: Examining Epistemic Agency in Small Group Interactions
- 3 Maria Arango (ELPS)
The Role of Education in the Reintegration of Ex-Combatants in Colombia and Sustaining Peacebuilding
- 4 Lauren Bagdy (EPLS) with Ginny L. Smith and James D. Klein
Learning to Become a Researcher: Perspectives of Instructional Design and Technology Graduate Students
- 5 Tamara Bertrand Jones (ELPS) with Jesse Ford
A Culturally Responsive Approach to Black Women's Early Career Professional Development: A Longitudinal Analysis of the Research BootCamp
- 6 Tamara Bertrand Jones (ELPS) with Jesse Ford
I Don't Have Any Black Male Mentors: Mentoring Approaches for Black Male Doctoral Students
- 7 Anna Bondarenko (STE) with Mostafa Papi, Brenda Wawire, Chen Jiang, and Ashlee Zhou
Second Language Writers' Feedback-Seeking Behavior: Motivational Mechanisms
- 8 Cihan Can (STE) with Mehmet Aktas (University of Central Oklahoma)
Derivative Makes More Sense with Differentials: How Primary Historical Sources Informed a University Mathematics Instructor's Teaching of Derivative
- 9 Diana Carbonell (EPLS) with Alex Fisher, Cara Knoepfel, Christina Colgary, and Martin Swanbrow Becker
The Impact of Sense of Coherence on College Student Suicidal Ideation and Help-Seeking Intentions
- 10 Shiyi Chen (EPLS) with Beth Phillips and Christopher Lonigan
Predicting Kindergartners' School Readiness from Social and Learning Behaviors: Mediation by Teacher-Child Relationship Quality
- 11 Hajeen Choi (EPLS)
Digital Distractions & Students' Performance by Age Group in Self-paced Online Learning
- 12 Christina Colgary (EPLS) with Martin A. Swanbrow Becker, Kelly Dillon, Alexis Rojas, Cara Knoepfel, and Amy Magnuson
A Touch of Anorexia: The Gray Area Between Disordered Eating and Suicidal Behavior
- 13 Hollie Daniels (ELPS) with Rebecca Brower, Amanda Nix, Xinye Hu, Tamara Bertrand Jones, and Shouping Hu
A Pedagogy of Preparation: Incorporating Practices from Developmental Education into College-Level Coursework in Community Colleges

**Research Poster Session
12:00 - 12:30 PM**

COE Atrium, Ground Floor & First Floor

- 14 Shannon Davidson (STE) with Lama Jaber and Sherry Southerland
We gotta keep going! Epistemic Affect within a Science Research Experience for Teachers
- 15 Liying Feng (STE) with Mostafa Papi
Persistence in Language Learning: The Role of Grit and Future Selves
- 16 Kelly Findley (STE)
A Slippery Slope: How Introductory Statistics Turns Into Remedial Mathematics
- 17 Alex Fisher (EPLS) with Martin Swanbrow Becker, Diana Carbonell and Emily Crenshaw
Resident Assistants' Gatekeeper Performance – Are They Better in Living Learning Communities?
- 18 Elizabeth Gilliam (ELPS) with Stacey A. Rutledge, Brittany Closson-Pitts, and Veronica Chase
Scaling Systemic Personalization Through Continuous Improvement: A Model For High School Reform
- 19 Nanette Hammons (STE)
Combined EBP's Supporting Acquisition of Foundational Mathematics Skills for Students with ASD
- 20 Esteebaliz Hernández (ELPS) with Ashley Rosado and Kelly Ramirez
Chicana Doctoral Students in the Academy and Familismo
- 21 James A. Hernandez (EPLS) with Makan Craig and Alysia D. Roehrig
Culturally Responsive Classroom Management Strategies in CDF Freedom Schools
- 22 Cassandra Howard (ELPS)
The Nature and Enactment of Teacher Leaders' Agency in Lesson Study Facilitation
- 23 Insook Huh (STE) with Ithel Jones, Hye Ryung Won, and Laura Elkin
Teaching and Learning about Pre-K-K Science Education: A Research Synthesis 1999-2018
- 24 Seyma Intepe-Tingir (STE)
Reading Interventions by Using iPad, Tablets or Handheld Devices for Students with Special Education
- 25 Sohaila Isaqzai (ELPS)
The Role of Local Community Involvement—School Management Shuras—in Supporting Girls' Education in Afghanistan
- 26 Valentina Iturriaga (EPLS) with Emily Crenshaw, Kendrick Turner, and Dania Tawfiq
Culturally Competent Counseling with Migrants, Asylum Seekers, and Refugees from Central America
- 27 Chen Jiang (STE)
Exploring the Relationships among L2 Anxiety, L2 Self-guides, Regulatory Focus and Motivated Behaviors

**Research Poster Session
12:00 - 12:30 PM**

COE Atrium, Ground Floor & First Floor

- 28 Leanne Kack (EPLS) with Małgorzata Siekańska, Artur Poczwadowski, and Jan Blecharz
Metacognition as an Internal Mechanism of Athletes' Growth Following Adversities: Four Case Studies
- 29 Victor Kasper (STE) with Lama Jaber
Does This Have Anything to Do with Systemic Racism? Preservice Teachers' Meaning-Making Within a Field-Experience
- 30 Jeungeun Kim (STE)
Effect of Bullying-Victimization on English Learner Attitudes and Motivational Self-System
- 31 Kari Knisely (EPLS) with Vanessa Dennen, and Hajeen Choi
Social Media, Teens, and Schools: Where's the Research?
- 32 Fang Liang (EPLS) with Yanyan Chen and Jeannine Turner
Foreign Language Anxiety of Chinese Undergraduate English Majors: A Linear Change Model
- 33 Clausell Mathis (STE) with Mark Akubo and Sherry Southerland
Examining Students' Epistemic Agency When Implementing Culturally Relevant Practices in the Physics Classroom
- 34 Joel Messan (EPLS)
The Effects of Alcohol Consumption on Students' Math Grade: Model Selection Using Evidence Ratio
- 35 Malaya Monk (EPLS) with Kendrick Turner and Noel Magwood
Diagnosing and Treating Cluster-B Personality Disorders: A Review of Evidence-Based Practices and Treatment Recommendations
- 36 Jiwon Nam (EPLS)
Estimating the Tier Treatment Effect for Response-to-Intervention: The Impact of Teacher Override
- 37 Lisa Norzea (EPLS) with Abigail McCullough and Dania Tawfiq
Mental Health Counseling Considerations and Applications for Transgender Individuals
- 38 Benjamin Oliver (ELPS)
Diffusing Linguistic Experience: Contextualizing the Growth of the EIL Education Movement in Turkey and Pakistan
- 39 Elif Oz (ELPS)
Measuring Mathematics and Science Teacher Effectiveness Using Rigorous Course-taking in High School
- 40 Esra Özdemir (STE) with Mostafa Papi
Mindsets as Sources of L2 Speaking Anxiety and Self-Confidence: The Case of International Teaching Assistants in the USA
- 41 Yanjun Pan (EPLS) with Fengfeng Ke, Zhaihuan Dai, Xinhao Xu, and Jewoong Moon
Understanding Game-based Learners Using Visualized Behavioral Analysis

**Research Poster Session
12:00 - 12:30 PM**

COE Atrium, Ground Floor & First Floor

- 42 Carla Paredes Drouet (ELPS) with Ana H. Marty, Arienne Barnes, and Flavia S. Ramos-Mattoussi
Baseline Assessment of Pre-Service Teacher Education in Honduras
- 43 Seyedahmad Rahimi (EPLS) with Valerie Shute and Russell Almond
Technical Underpinnings of Physics Playground
- 44 Sophia Rahming (ELPS)
Neither Fish nor Fowl: Afro-Caribbean Women in U.S. STEM Postsecondary Education
- 45 Keith Rivero (STE) with John Myers
Building Preservices Teachers' Curriculum Knowledge of Globalization for Global Citizenship Education
- 46 Monica Rochon (SM)
Rooted Resistance: Reimagining Space and Liberating Queer Folx through Fitness and Wellness
- 47 Yuan Sang (STE)
Reconceptualizing L2 Reticence in L2 Education from the Language Socialization Perspective
- 48 Jennifer Schellinger (STE) with Lama Jaber and Sherry Southerland
Harmonious or Disjointed?: Framing Dynamics Within An Integrated Science and Engineering Unit
- 49 Ginny Smith (EPLS) with Valerie Shute
Designing and Validating a Stealth Assessment for Calculus Competencies
- 50 Jessica Smith (STE) with Ellen Granger, Sherry A. Southerland, Christy Andrews-Larson, Xin Juan, David Whalley, Matthew Mauntel, Shafayat Rahman, and Yasser Atiya
Emerging Design Principles for Curriculum to Integrate Computer Programming into Middle School Mathematics
- 51 Stinne Soendergaard (EPLS) with Graig Chow and Matthew Bird
Educational and Training Needs of Coaches to Improve Alcohol Literacy
- 52 Hayley Spencer (ELPS) with Toby J. Park, Christine G. Mokher, Xinye Hu, and Shouping Hu
Accelerated Success? The Impact of Florida's Developmental Education Reform on Introductory College-Level Course Completion
- 53 Dania Tawfiq (EPLS) with Valentina Iturriaga, and Emily Crenshaw
Risk Factors, Resilience, and Implications of Occupational Burnout on Counselors and Patient Outcomes
- 54 Seyfullah Tingir (EPLS) with Russell Almond
Identifying Observable Outcomes in Game-Based Assessments

Research Poster Session
12:00 - 12:30 PM
COE Atrium, Ground Floor & First Floor

- 55 Robert Turner (EPLS) with Malaya Monk, and Noel Magwood
Decreasing the Negative Stigma of Cluster B Personality Disorders: A Critical Review of Prevalence, Etiology, and Prognosis
- 56 Seyda Uysal (STE) with Kathleen Clark
Using History of Mathematics to Inform the Transition from School to University: Affective and Mathematical Dimensions
- 57 Alyssa Vuono (STE) with Dominik Wolff (West Chester University - WCUPA)
ELLs and Public Schools in Today's America: What Future Teachers Think
- 58 Min Wang (ELPS)
Education Inequality in Rural and Urban China
- 59 Ye Wang (EPLS) with Gershon Tenenbaum
Remembering and Forgetting Emotional Sport Events
- 60 Nan Wang (EPLS) with Russell Almond
Bayesian Model Checking in Cognitive Diagnostic Models
- 61 Hye Ryung Won (STE)
Teacher's Educational Beliefs in Shaping Instructional Practices for Pre-K's STEM Learning
- 62 Zhongrui Yao (EPLS) with Vanessa Dennen
A Systematic Review of Factors Influencing Faculty's Open Text Adoptions
- 63 Mengmeng Yin (EPLS) with Yanyan Chen and Jeannine Turner
Exploring Motivational Profiles of Chinese Undergraduate English Language Learners
- 64 Shiyao Zhou (STE)
Effects of Writing Strategies for Self-regulated Learning on Writing Procrastination and Engagement: A Structural Equation Model of Self-regulated Learning Strategies in English as a Foreign Language Setting

2019 presenters are sharing their research at the following conferences:

CONFERENCE	LOCATION
2019 Fifth International Conference of the Center for Culturally Responsive Evaluation and Assessment (CREA)	Chicago, IL
American Association for Applied Linguistics (AAAL)	Atlanta, GA
American Association of Suicidology	Denver, CO
American Educational Research Association (AERA)	Toronto, Canada
National Association of Research in Science Teaching (NARST)	Baltimore, MD
The Association for the Study of Higher Education (ASHE)	Tampa, FL
Association for Applied Sport Psychology (AASP)	Toronto, Canada
Association for Education Finance and Policy	Kansas City, MO
Association for Educational Communications and Technology (AECT)	Kansas City, Missouri
Comparative and International Education Society (CIES)	San Francisco, CA
Congress of the European Society for Research in Mathematics Education (CERME11), Utrecht University	Utrecht, The Netherlands
Council for Exceptional Children (CEC)	Indianapolis, IN
Eastern Educational Research Association (EERA)	Myrtle Beach, SC
European Early Childhood Education Research Association (EECERA)	Budapest, Hungary
Florida Educational Research Association (FERA)	St. Petersburg, FL
Florida Mental Health Counselor's Association (FMHCA)	Lake Mary, FL
International Society for Autism Research (INSAR)	Montreal, Canada
Joint Math Meetings (JMM)	Baltimore, MD
Lorentz Center Scientific Meeting: Bystander Roles in Peace and Conflict	Leiden, The Netherlands
Maryland Assessment Research Center	Washington DC
Mid-South Educational Research Association (MSERA)	Pensacola, FL
National & International Lilly Conferences	Bethesda, MD
National Association for Chicana and Chicano Studies	Albuquerque, NM
National Association For Research in Science Teaching (NARST)	Baltimore, MD
National Association of School Psychologists (NASP)	Atlanta, GA
National Conference for the Social Studies (NCSS)	Chicago, IL
National Council on Measurement in Education	Toronto, Canada
North American Society for Sport Management (NASSM)	New Orleans, LA
North American Society for the Sociology of Sport	Vancouver, Canada
Research in Undergraduate Mathematics Education (RUME)	Oklahoma City, OK
Society for Research in Child Development	Baltimore, MD
Society for Research on Educational Effectiveness (SREE)	Washington, DC
Society for the Scientific Study of Reading	Brighton, UK
Southern Sociological Society	Atlanta, GA
Teaching English to Speakers of Other Languages (TESOL)	Atlanta, GA

Total conferences: 35

ROBERT M. GAGNÉ RESEARCH AWARD

NOTES

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 COE faculty member 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

REBECCA BROWER

Educational Leadership & Policy Studies

SONIA CABELL

School of Teacher Education

FENGFENG KE

Educational Psychology & Learning Systems

S. KATHLEEN KRACH

Educational Psychology & Learning Systems

TOBY PARK

Educational Leadership & Policy Studies

JENNY ROOT

School of Teacher Education

STUDENTS

SARAH COX

School of Teacher Education

JOHN MUCHIRA

Educational Leadership & Policy Studies

YE WANG

Educational Psychology & Learning Systems



Mawalene Hughes
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The purpose of the Council on Research in Education (CORE) is to raise and address issues related to research and grant possibilities within the College of Education (COE) 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.

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 Communications & Recruitment. Additionally, the CORE committee would like to gratefully acknowledge the assistance of colleagues who contributed time to review papers for their departments.

AYESHA KHURSHID (ELPS), CHAIR

INSU PAEK (EPLS)

MICHAEL GIARDINA (SM)

MIRAY TEKKUMRU-KISA (STE)



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