

# AERA 2016 CONFERENCE

University of Connecticut Neag School of Education  
Faculty and Graduate Student Presenters

April 8-12, 2016  
Washington, D.C.

## Professional Development Courses Led by Neag School Faculty

Friday, April 8, 8 a.m. – 3:45 p.m.

- Centering Race and Racism Through Action Inquiry in Graduate Education – **Milagros Castillo-Montoya**
- An Introduction to Hierarchical Linear Modeling for Education Researchers – **D. Betsy McCoach**
- Introduction to Systematic Review and Meta-Analysis – **Noel Card**

For more information on fees and locations for these professional development courses, visit [s.uconn.edu/NeagPD](http://s.uconn.edu/NeagPD).

## AERA Conference Sessions

FRIDAY, APRIL 8

8:30 – 9:45 a.m.

Marriott Marquis, Level Four, Salon A

**Division A Early Career Faculty Mentoring Seminar**

**Invited Panel Member:** Casey D. Cobb

10 a.m. – 12 p.m.

Convention Center, Level Two, Room 207B (Table 5)

**Session:** Division H Graduate Student/Early Career Mentoring Seminar and Graduate Student In-Progress Research Roundtable

**Title:** The Role of Gender in Self-Regulated Learning in Online Learning Environments

**Discussant:** Alanazi Rasis

## FRIDAY, APRIL 8 (CONTINUED)

**10:15 – 11:30 a.m.**

Marriott Marquis, Level 1, Gallaudet University Room

**SIG Roundtable Session:** INET 2016: 18th Annual International Roundtable on School, Family, and Community Partnerships

**Session 2:** Issues of Diversity and Equity: Engaging All Families

**Presenter:** Eliana Rojas

**12 – 1:30 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section D

**Roundtable Session:** Teacher Leader Learning Needs

**Paper:** Investigating the Content and Pedagogy of District Professional Development for Coaches

**Author:** Sarah L. Woulfin

**12 – 1:30 p.m.**

Convention Center, Level Two, Room 209 B

**Symposium:** Exploring the Implementation and Effects of Various Levers in Multiple-Measure Teacher Evaluation

**Discussant:** Morgaen L. Donaldson

**12 – 1:30 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section C.

**Roundtable Session:** Diversity, Validation, and Learning

**Paper:** Investigating Values of Diversity on Campus

**Author:** Kristen Juskiewicz

## FRIDAY, APRIL 8 (CONTINUED)

**12 – 1:30 p.m.**

Convention Center, Level Three, Ballroom A

**Roundtable Session:** Item Response Theory: Studies on Estimation Methods and Model Fit

**Paper:** The Effect of Examinee Omit Behavior on Item Response Theory Parameter Estimation

**Authors:** Jane Rogers, Hariharan Swaminathan

**2:15 – 3:45 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section A

**Roundtable Session:** Data Use in Education Policy and Practice

**Paper:** Emotions and Teacher Response to Enhanced Teacher Evaluation

**Authors:** Morgaen L. Donaldson, Dorothea M. Anagnostopoulos

**2:15 – 3:45 p.m.**

Marriott Marquis, Level Four, Liberty Salon I

**Paper Session:** Science and Inquiry in Technology-Based Learning Environments

**Paper:** Promoting Socioscientific Literacy in Middle-Grade Students Through an Educational Problem-Based Learning Simulation

**Authors:** Scott W. Brown, Sarah D. Newton

**4:05 – 5:35 p.m.**

Convention Center, Level One, Room 141

**Paper Session:** Influence of Texts and Contexts on English Language Learners and Struggling Readers

**Paper:** Dueling Narratives: A Struggling Reader's Positioning in Differing English Course Contexts

**Author:** Ricki Ginsberg

## FRIDAY, APRIL 8 (CONTINUED)

**4:05 – 5:35 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section C

**Roundtable Session:** Improving Districts: Organizational Climate, Leadership, and District-Wide Efforts

**Paper:** The Collective Initiative: Foundational Components for Successful Growth and Sustained Success

**Authors:** Michele Femc-Bagwell, Vanessa Eleni Kass

## SATURDAY, APRIL 9

**8:15 – 9:45 a.m.**

Convention Center, Level One, Room 149 A

**Symposium:** Leveraging Nonempirical Quantitative Analysis for Theory Development and Exploration: A New Paradigm for Giftedness Research

**Papers:**

A Theory of Achievement Growth Based on Vygotsky's Zone of Proximal Development

and

The Mismatch Between Age-Based Identification and Grade-Based Programming

**Author:** D. Betsy McCoach

**8:15 – 9:45 a.m.**

Marriott Marquis, Level Four, Liberty Salon O

**Paper Session:** New Developments in Cooperative Learning

**Paper:** Do Teachers' Behaviors Change While Leading a Collaborative Classroom?

**Author:** Scott W. Brown

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Literacy Instruction

**Paper:** Investigation of an Embedded Planning Tool for Tier 3 Literacy Instruction

**Authors:** Michael D. Coyne, Jennifer Freeman, Allison Lombardi, Brandi Simonsen, Michael N. Faggella-Luby

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Teaching and Teacher Education Policy and Research

**Paper:** Growing Teachers: The Enactment of a Charter Management Organization's Coaching Policy

**Authors:** Sarah L. Woulfin, Meg Smith

## SATURDAY, APRIL 9 (CONTINUED)

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Room 202 B

**Invited Speaker Session:** Science Teachers' Learning: Enhancing Opportunities, Creating Supportive Contexts — An Academies Report

**Participant:** Suzanne M. Wilson

**12:25 – 1:55 p.m.**

Marriott Marquis, Level Four, Treasury

**Paper Session:** Research on Evaluation Capacity Building and Practice

**Paper:** Have We Reached Consensus on Implementation Fidelity in Evaluation Practice?

**Presenter/Author:** Bianca Montrosse-Moorhead; **Co-Authors:** Yujia (Eva) Li, Kristen Juskiewicz

**12:25 – 1:55 p.m.**

Marriott Marquis, Level Two, Marquis Salon 8

**Symposium:** Developing and Validating Indicators for Teachers' Science and Mathematics Content Knowledge for Teaching

**Discussant:** Suzanne M. Wilson

**12:25 – 1:55 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Current Issues in the Use of Research

**Paper:** Teacher Insights into Educational Research Survey Development

**Authors:** D. Betsy McCoach, Danielle Rita Bousquet

## SATURDAY, APRIL 9 (CONTINUED)

**12:25 – 1:55 p.m.**

Convention Center, Level One, Room 144 A

**Symposium:** Critical and Narrative Perspectives on Intercultural Teaching

**Paper:** The Design of an Internship-Based Teacher Education Study Abroad Program

**Author:** David M. Moss

**12:25 – 1:55 p.m.**

Marriott Marquis, Level Three, Mount Vernon Square

**Paper Session:** Professional Learning and the Change Process

**Paper:** Fruitful Professional Learning: Conceptual Inputs, Practical Inputs, and Ownership as Mediators of Professional Learning Appropriation

**Author:** Todd Campbell

**2:15 – 3:45 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section B

**Roundtable Session:** Hispanic Issues: Language and Other Cultural Topics

**Paper:** Prior Socialization and Campus Racial Climate for Latinas/os in STEM

**Author:** Blanca Rincon

**2:15 – 3:45 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Survey Research in Education

**Paper:** Reexamining the Control and Autonomy Factors in a Popular Classroom-Based Questionnaire

**Authors:** Catherine A. Little, Rebecca O'Brien

## SATURDAY, APRIL 9 (CONTINUED)

**2:15 – 3:45 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section B

**Roundtable Session:** Advancing Reform: The Role of Relationships, Networks, and Partners in District Improvement

**Paper:** Circumventing Districts: How Accountability Policies Influence State Education Agencies' Relationships With Districts and Schools

**Presenting Author:** Jennie Weiner

**4:05 – 5:35 p.m.**

Marriott Marquis, Level Four, Liberty Salon J

**Paper Session:** Perceptions of Curriculum in the Lives of Teachers

**Paper:** Examining the Impact of “No Excuses” Discipline Approach in Charter Schools

**Presenting Author:** Jennie Weiner

**4:05 – 5:35 p.m.**

Convention Center, Level Two, Room 209 C

**Paper Session:** Design of Informal Learning Environments

**Discussant:** Michael F. Young

**4:05 – 5:35 p.m.**

Marriott Marquis, Level Three, Mount Vernon Square

**Paper Session:** Impacts of Technology-Based Professional Development

**Paper:** Completion, Time-in-Intervention, and Movement: Relationships Between Dimensions of Participation in Online Teacher Professional Development and Knowledge Growth

**Author:** Scott W. Brown



## SATURDAY, APRIL 9 (CONTINUED)

**4:05 – 5:35 p.m.**

Convention Center, Level Two, Room 206

**Paper Session:** Cultivating New Leadership

**Paper:** Expanded Roles for School Leaders in New Haven

**Authors:** Morgaen L. Donaldson, Kimberly LeChasseur, Donna Bednar

**4:05 – 5:35 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Literacy Research Issues in the 21<sup>st</sup> Century

**Paper:** Expanding Profiles of Struggling Readers

**Author:** Rachael Gabriel

**4:05 – 6:05 p.m.**

Marriott Marquis, Level Two, Marquis Salon 9

**Symposium:** Core Practices in Teacher Education: Preparing Teachers to Facilitate Whole-Class Discussion

**Discussant:** Suzanne M. Wilson

**4:05 – 6:05 p.m.**

Convention Center, Level Two, Room 204 B

**Paper Session:** The Many Faces of High-Stakes Accountability

**Discussant:** Shaun Michael Dougherty

**7 – 9 p.m.**

Washington E. Walter Convention Center, Level One, Room 151 B

**Neag School Reception**

## SUNDAY, APRIL 10

**8:15 – 10:15 a.m.**

Marriott Marquis, Level Two, Marquis Salon 13

**Paper Session:** Game Design and Game-Based Learning

**Paper:** Renovating the Castle: Game Design Through the Technology, Pedagogy, Content Knowledge, and Learning Theory (TPACK-L) Framework

**Authors:** Michael F. Young, Stephen Slota (UConn Health)

**Discussant:** Michael F. Young

**8:15 – 10:15 a.m.**

Convention Center, Level One, Room 143 C

**Paper Session:** Problem-Based Education SIG Full Paper Session: Teachers and Problem-Based Education

**Paper:** Examining Differences Among Teacher Implementation Patterns

**Authors:** Scott W. Brown, Addison Zhao

**10:35 a.m. – 12:05 p.m.**

Marriott Marquis, Level Two, Marquis Salon 16

**Paper Session:** Promoting Discourse in Mathematics Classrooms

**Paper:** Dialogic Discourse and Standards for Mathematical Practice in Linguistically Diverse Elementary Classrooms

**Author:** Mary P. Truxaw

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Current Issues in Gifted Education and Creativity Research

**Paper:** The Identification Gap: When Just as Good Isn't Enough

**Authors:** D. Betsy McCoach, Del Siegle, E. Jean Gubbins

## SUNDAY, APRIL 10 (CONTINUED)

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Current Issues in Gifted Education and Creativity Research

**Paper:** Gifted Secondary School Students: The Perceived Relationship Between Enrichment and Achievement Orientation

**Authors:** Catherine A. Little, Del Siegle, Jennie Weiner, E. Jean Gubbins

**10:35 a.m. – 12:05 p.m.**

Marriott Marquis, Level Four, Independence Salon A

**Paper Session:** Examining the Practice and Place of Interviewing in Qualitative Research

**Paper:** The Data You Get Depend on What You Ask: Systematically Developing Interview Protocols

**Author:** Milagros Castillo-Montoya

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level One, Room 144 C

**Paper Session:** Oral and Written Argumentation

**Paper:** Improving Written Argumentation Through Web-Based, Interdisciplinary Simulations: The GlobalEd 2 Project

**Author:** Scott W. Brown

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Current Issues in Gifted Education and Creativity Research

**Paper:** Underrepresentation of English Learners in Gifted Education: Using Critical Discourse Analysis to Foster Conversation

**Author:** Susan Dulong Langley

and

Using State District Program Plans to Analyze District Practices in Identifying and Delivering Services to Gifted Students

**Authors:** Sarah Hack Luria, Karen Cross, Susan Dulong Langley

## **SUNDAY, APRIL 10 (CONTINUED)**

**2:45 – 4:15 p.m.**

Marriott Marquis, Level Four, Supreme Court

**Paper Session:** Service-Learning for Democracy, Engagement, and Success

**Paper:** The Development of Civic Action and Service Orientation Survey

**Author:** Christina Amspaugh, Del Siegle

**2:45 – 4:15 p.m.**

Marriott Marquis, Level Two, Marquis Salon 15

**Paper Session:** Emerging Teacher Professional Development Models Using Technology

**Discussant:** Michael F. Young

**2:45 – 4:15 p.m.**

Convention Center, Level One, Room 158 B

**Paper Session:** School Turnaround: Multiple Policy Perspectives

**Paper:** School Leaders' Sense-Making of Turnaround Policy

**Authors:** Jennie Weiner, Sarah L. Woulfin

**2:45 – 4:15 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section D

**Roundtable Session:** Teacher Evaluation With Supervision and Instructional Leadership

**Paper:** Principals' Perspectives on Implementing "Consequential" Teacher Evaluation

**Author:** Morgaen L. Donaldson

**2:45 – 4:15 p.m.**

Convention Center, Level Two, Room 204 B

**Paper Session:** From Idea to Reality: Using Research, Policy, and Practice to Develop a K-12 STEM Education Indicator System

**Paper:** Measuring the Quantity & Quality of the K-12 STEM Teacher Pipeline

**Authors:** Suzanne M. Wilson

## SUNDAY, APRIL 10 (CONTINUED)

**6:30 – 8 p.m.**

Convention Center, Level One, Room 102 A

**Business Meeting:** Research on Giftedness, Creativity, and Talent

**Chair:** Del Siegle

## MONDAY, APRIL 11

**7:45 – 9:15 a.m.**

Marriott Marquis, Level Four, Congress

**Paper Session:** Modeling Latent Variable Interactions and Multiple-Group Models

**Paper:** Effects of Modeling Residual Noninvariance Using Growth Mixture Modeling: A Case Study

**Authors:** Janice Kooken, D. Betsy McCoach, Sandra M. Chafouleas

**7:45 – 9:45 a.m.**

Marriott Marquis, Level Three, Chinatown

**Symposium:** Teaching Professional Practice: A Cross-Program Examination of Innovation

**Discussant:** Suzanne M. Wilson

**7:45 – 9:45 a.m.**

Convention Center, Level Two, Room 209 B

**Symposium:** Using Weick to Understand, Explore, and Sense-Make: Implications for School Organizations and the Development of Educational Leaders

**Paper:** Past, Present, and Future of Coupling as an Organizational Concept in Schools

**Author:** Sarah L. Woulfin

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section C

**Roundtable Session:** What's the Word? Spelling and Vocabulary Development for Emerging Bilingual Children

**Paper:** The Relationship Between Spelling and Suffix Knowledge in Middle School Bilingual Students

**Author:** Glen Davenport

## MONDAY, APRIL 11 (CONTINUED)

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Assessment of Learning and Cognition

**Paper:** Using Verbal Protocol to Detect Test Bias

**Author:** Sandra M. Chafouleas

**12:25 – 1:55 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section D

**Roundtable Session:** Fostering Noncognitive and Social-Emotional Skills in Out-of-School Time Settings

**Paper:** Perceptions of a Summer Program's Influence on Talent Development: Adolescent Reflections During and Beyond Participation

**Authors:** Kelly L. Kearney, Catherine A. Little, Jennie Weiner

**12:25 – 1:55 p.m.**

Convention Center, Level Two, Exhibit Hall D, Section A

**Invited Roundtable:** Meet Journal Editors: Journal Talks

**Journal:** *Educational Administration Quarterly*

**Editor:** Casey D. Cobb

**2:15 – 3:45 p.m.**

Convention Center, Level Two, Exhibit Hall D

**Poster Session:** Division L

**Paper:** Reading and Dyslexia Legislation: The Confluence of Parallel Policies

**Authors:** Rachael Gabriel, Sarah L. Woulfin

## MONDAY, APRIL 11 (CONTINUED)

**2:45 – 4:15 p.m.**

Marriott Marquis, Level Four, Independence Salon G

**Paper Session:** Contemporary Perspectives on Student-Athletes and Academic Success

**Paper:** An Antideficit Examination of Black Male Scholar Athletes in Science and Engineering Majors

**Author:** Joseph N. Cooper

**2:45 – 4:15 p.m.**

Marriott Marquis, Level Two, Marquis Salon 7

**Paper Session:** Frameworks and Tools for Critical Discourse in Teacher Education

**Paper:** Story as an Organizing and Inquiry Tool for Public Scholarship on Partnerships in Urban Education

**Author:** Mark Kohan

**4:05 – 5:35 p.m.**

Marriott Marquis, Level Two, Marquis Salon 3

**Symposium:** Addressing Practical Issues in Measurement Invariance Research: Methodological Investigations and Advances

**Paper:** An Investigation of the Alignment Method for Estimating Measurement Models and Detecting Noninvariance With Polytomous Items

**Author:** D. Betsy McCoach; **Discussant:** Jane Rogers

**4:30 – 6:30 p.m.**

Marriott Marquis, Level Four, Independence Salon A

**Symposium:** Critical Perspectives on Teaching Difficult History

**Paper:** Using Film to Teach Difficult Histories

**Author:** Alan Marcus



## TUESDAY, APRIL 12

**8:15 – 9:45 a.m.**

Marriott Marquis, Level Four, Liberty Salon I

**Paper Session:** Defining Teacher Leadership

**Discussant:** Morgaen L. Donaldson

**10:35 a.m. – 12:05 p.m.**

Marriott Marquis, Level Four, Capitol

**Paper Session:** Boosting School Effectiveness: The Role of Alternative and Sustainable Assessment Practices

**Paper:** What Lurks Beneath the Surface? Alternative Frameworks for Assessing School Effectiveness

**Authors:** D. Betsy McCoach, John Settlage, Daniella Rita Bousquet

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level One, Room 160

**Paper Sesssion:** STEM and Hispanics

**Paper:** Latinas/os in STEM at the Intersections

**Author:** Blanca Rincon

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level One, Room 149 B

**Symposium:** When Education Policy Backfires and What We Can Learn

**Paper:** Reading Between the Lines: Uncovering and Understanding the Backfire of a Middle School Literacy Intervention

**Author:** Shaun Michael Dougherty

## TUESDAY, APRIL 12 (CONTINUED)

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level One, Room 102 B

**Poster Session:** Reconceptualizing Individual Differences in Reading

**Paper:** How Reading First, Response to Intervention, and Common Core Policies Conceptualize Individual Differences in Reading

**Author:** Sarah L. Woulfin

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level One, Room 102 B

**Poster Session:** Reconceptualizing Individual Differences in Reading

**Paper:** The Influence of Effective Classroom Literacy Lessons on Readers' Individual Differences

**Author:** Rachael Gabriel

**10:35 a.m. – 12:05 p.m.**

Convention Center, Level Three, Ballroom A

**Roundtable Session:** Life in Schools: New Research on Educational Change, Accountability, and Opportunity

**Chair:** Jennie Weiner

**12:25 – 1:55 p.m.**

Convention Center, Level Three, Ballroom B

**Roundtable Session:** Studies in Teacher Effectiveness, Preparation, and Certification

**Paper:** Outcome Scaling to Evaluate Teacher Candidates and Teacher Preparation Programs

**Authors:** D. Betsy McCoach, Glen Davenport, Craig Andrew Waterman

## TUESDAY, APRIL 12 (CONTINUED)

**2:15 – 3:45 p.m.**

Marriott Marquis, Level Four, Independence Salon G

**Paper Session:** Longitudinal Data, Model Evaluation, and Multilevel Models

**Paper:** Mirror, Mirror, on the Wall – Which Criterion Performs Best of All?

**Authors:** D. Betsy McCoach, Sarah D. Newton

**2:15 – 3:45 p.m.**

Convention Center, Level Three, Ballroom A

**Roundtable Session:** Principal Preparation Programs: Examinations and Evolutions

**Paper:** The Evolution of an Exemplary (Traditional) Principal Preparation Program

**Authors:** Richard Gonzales, Sarah L. Woulfin

**2:15 – 3:45 p.m.**

Convention Center, Level Three, Ballroom A

**Roundtable Session:** The Impact of Preservice and In-Service Teachers' Pedagogical Content Knowledge on Science Lesson Designs and Implementation

**Paper:** Science Teacher Orientations and Pedagogical Content Knowledge as a Sum of Middle School Science Subject Domain Constructions

**Authors:** Todd Campbell, Dawne Goodwin