

# 2017 NCARE Annual Meeting

The Friday Center

Chapel Hill, NC

February 16-17, 2017

Knowledge to Action:  
Research that Moves  
Us Forward

# 2017 Table of Contents

Welcome	3
Program at-a-Glance	6
2017 Keynote Speaker	7
2016 Paper Award Winners	8
Pre-Conference Workshops	9
Opening Reception and Poster Session	9
General Conference	11
2017 Paper Award Opportunities	16

## **Welcome to the 2017 Annual Meeting of the North Carolina Association for Research in Education!**

Dear Colleagues,

Thank you so much for joining us in Chapel Hill as we experience The Friday Center during our time together. In an ever-changing discipline, education, its continued research is core as we grow and move students forward. As you will see from the program, we have presenters from several universities in North Carolina. We are pleased that we have participants from our K-12 partners, UNC system schools, and private institutions.

The NCARE annual meeting provides a special opportunity to learn from our colleagues across the state as we share the good work being done in support of education. The diverse array of topics covered in the program should help inform decisions we are making in our own schools and classrooms and prepare us to contribute to the broader decisions being made about education in North Carolina. I hope you will also take advantage of the equally important opportunities to network and dialogue with each other during our time together.

Besides participating in this year's meeting, I encourage you to continue your relationship with NCARE by being an active member throughout the year. Please visit our new website (<http://www.ncare.us>) regularly to stay informed about what is happening in the organization and to find out about other events and opportunities. Presenters, please see the information at the end of the program about submitting your work for one of the outstanding paper awards or to JAEPR.

Thank you to all individuals who assisted with conference planning. Additionally, I would like to thank Dr. Bob Algozzine for his generous contribution. Enjoy a rejuvenating conference!

Melanie Keel  
NCARE President-Elect

## 2016-2017 NCARE Board of Directors

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## 2017 Conference Committee and Volunteers

### **PROGRAM CHAIR**

Melanie G. Keel, Wingate University

### **CONFERENCE PLANNING & LOGISTICS**

Eddie L. Case, Wingate University

Christopher I. Cobitz, Private Consultant

Sandra L. Dika, UNC Charlotte

Jason Giersch, UNC Charlotte

Jennifer McGee, Appalachian State University

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### **PROPOSAL REVIEWERS**

Kiran Budhrani, UNC Charlotte

Edward L. Case, Wingate University

Christopher I. Cobitz, Private Consultant

Theodore Kaniuka, Fayetteville State University

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Mary Ombonga, Fayetteville State University

Neda Pouraskari, UNC Charlotte

Leslie R. Zenk, UNC Charlotte

### **ONSITE VOLUNTEERS**

Monica Allen, UNC Charlotte

Kiran Budhrani, UNC Charlotte

Mary Goodson, Appalachian State University

Yolanda Kennedy, UNC Charlotte

Maria Leahy, UNC Charlotte

Nhu Nguyen, UNC Charlotte

Mary Ombonga, Fayetteville State University

Neda Pouraskari, UNC Charlotte

April Smith, UNC Charlotte

Thank you to our 2017 sponsor

Department of Educational Leadership, Dr. Bob Algozzine



## **Program At-A-Glance**

**Thursday, February 16, 2017 - Afternoon  
The Friday Center**

**2:00 –4:45 Concurrent Pre-Conference Workshops**

**5:00 – 7:00 Opening Reception and Poster Session (Willow Lounge & Wintergreen)**

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**Friday, February 17, 2017- All Day  
The Friday Center**

**8:00-9:00 Registration and Continental Breakfast (Atrium Center)**

**9:00-9:30 Welcome & Business Meeting- NCARE Board (Rosebud AB)**

**9:30-10:45 Paper Breakout Session I (Bellflower AB, Redbud AB, & Azalea AB)**

**10:45-11:00 Break (Atrium Center)**

**11:00-12:00 Paper Breakout Session II (Bellflower AB & Azalea AB)**

**12:00-1:15 Buffet Lunch, Paper Awards Presentation, and Keynote Address  
(Trillium A)**

**1:15-2:15 Paper Breakout Session III (Bellflower B & Azalea AB)**

**2:15-2:45 Closing Gathering with Refreshments (Atrium Center)**

## **2017 Keynote Speaker Sean Hamel**

Sean Hamel is a Principal Program Evaluator in the Program Evaluation Division - a central, non-partisan staff unit of the Legislative Services Commission - of the North Carolina General Assembly. In this role, he has led evaluations in a number of areas, including the allotment for funding in K-12 public education. He is currently the project leader for a study of the procedure for resolving education funding disputes between local boards of education and boards of county commissioners. He has worked as an instructor in two capacities: as adjunct faculty with the Center for Excellence in Public Leadership at George Washington University and as a teaching assistant of political science courses at North Carolina State University. Sean earned his Masters of Public Administration from North Carolina State University and has earned a B.S. and M.S. from the University of Tennessee.

## **2016 Paper Award Winners**

### **NCARE Distinguished Paper Award**

To be presented at the 2017 AERA Annual Meeting

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**"Novel Interpretations of Academic Growth"**

Gary Williamson, MetaMetrics

### **Marvin Wyne Outstanding Student Paper Award**

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**"The Impact of Receiving an Associate's Degree on Wages and Status"**

Samuel Grubbs, University of North Carolina at Charlotte



## THURSDAY, FEBRUARY 16 – The Friday Center

\*Maps of The Friday Center are available at the registration table.

### 2:00 –4:45 Concurrent Pre-Conference Workshops

Pre-registration is required, no additional cost to regular conference registration.

- **Session A (Bellflower A)** – Transformative Partnering: How to Support All Students as Leaders Through a Systemic Solution  
Joel Wright, Center for Creative Leadership
- **Session B (Bellflower B)** – NC DPI Assessment and Data  
Dr. Tammy Howard, NC Department of Public Instruction

### 5:00 – 7:00 Opening Reception and Poster Session (Willow Lounge & Wintergreen)

Complimentary beer, wine, and light hors d'oeuvres for conference registrants.

#### Poster Presenters (Alphabetical Order)

***-An Analysis of Faculty Performance, Student Performance, and Course Completion***  
Alan Belcher, Barbara Hall, & Kathleen Kelley, Ashford University

***-Exploring the Opportunities of “Smart Learning” in the Classroom***  
Kiran Budhrani, University of North Carolina at Charlotte

***-The Effectiveness of Developmental Education Programs: A Review of Success Measures and Retention Rates in Gateway Math and English Courses***  
Erin Cooper, Caldwell Community College, Appalachian State University

***-A Tale of Two Libraries: A Quantitative Comparison Study of School Library Media Centers***  
Tracy Creech & Bette Butler, University of North Carolina Charlotte

***-Civics, like Science: Another Gender Gap in Student Achievement***  
Jason Giersch, University of North Carolina at Charlotte

***-Perceptions of Professional Support for African-American Female Elementary Teachers***  
Eugenia Hopper, University of North Carolina at Charlotte

***-Calling African American Students to Enroll in Advanced Mathematics***  
Jennifer Johnson, University of North Carolina at Charlotte

***-The Moderating Effect of Beginning Teachers' Perceptions of Professional Learning Communities on their Perceived Self-Efficacy and Future Career Decisions***

Theodore Kaniuka, Debra Dowless, Brian Phillips, & Paris Jones, Fayetteville State University

***-The Moderating Effect of Students' Perceptions of Digital Learning Environments on their Perceived Engagement and Self-Efficacy in Mathematics***

Theodore Kaniuka, Dawn Ramseur, Tanya Hudson, & Paris Jones Fayetteville State University

***-Curriculum Reform for a 21<sup>st</sup>-Century Knowledge-Based Society in South Korea: Two Conflicting Foci in One Plan***

Yoona Lim, Korea University, University of North Carolina at Charlotte

***-Confronting Conditions that Undermine School Leadership: Perspectives from K-12 Principals in Southeast North Carolina***

Mary Ombonga, Fayetteville State University & Kennedy Ongaga, Kisii University

***-Assessment of Reading Fluency in Elementary School Readers: The Relationship between Subjective and Objective Measures***

Ashley Pennell, Mary Goodson, & Adrian Rice, Appalachian State University

***-Institution Support (Financial and Cultural) and Increase in Persistence of Female STEM Students***

Neda Pouraskari, University of North Carolina at Charlotte

***-A Quantitative Analysis of Perceptions and Practices of Adult ESL Teachers in North Carolina Community Colleges as Regards the Promotion of Culturally Relevant Pedagogy***

Anna Sanczyk, University of North Carolina at Charlotte

***-How Culture Influences Gender Roles and Expectations in Chinese Culture***

April Smith & Yolanda Kennedy, University of North Carolina at Charlotte

***-The Effectiveness of Current Fire Fighter Training Programs: A Program Evaluation and Comparison of New EMT-B Concurrent Enrollment***

Joshua Smith, Appalachian State University

***-Defining the Roles of Secondary Special Educators Serving Students with High Incidence of Disabilities***

Amy Wilson, Appalachian State University

***-North Carolina Kindergarten Entry Assessment***

Victoria Yegelwel, University of North Carolina at Charlotte

**FRIDAY, FEBRUARY 17 – The Friday Center**

**8:00 – 9:00 Registration and Continental Breakfast (Atrium Center)**

**9:00 – 9:30 Welcome and Business Meeting (Rosebud AB)**

**9:30-10:45 Paper Breakout Session I  
(Bellflower AB, Redbud AB, & Azalea AB)**

**Culture in Higher Education (Bellflower AB)**

**Monica Allen, Moderator**

*Vietnamese American College Students' Perceptions and Strategies of Engagement on College Campus and in Community*

Nhu Nguyen, University of North Carolina at Charlotte

*Unpacking "Veteran-Friendly" Campuses: A Critical Analysis of Cultural Assumptions in Higher Education*

Caroline Nowell, Jae Hoon Lim, & Claudia Interiano, University of North Carolina at Charlotte

*Culture and Cultural Capital: Sources of Strength for Latinx Students in Higher Education*

Chris Montero & Andrew Ryder, University of North Carolina at Wilmington

## **Quantitative Analyses of Enrollment and Discipline (Redbud AB)**

Mary Goodson, Moderator

*A Comparison of Developmental math Sequence Progression at a North Carolina Community College Using a Markov Chain Model*

Matthew Peeler, University of North Carolina at Charlotte

*Towards an Equitable Opportunities for Rural Middle School Students: Examining Grade 8 Math 1 Enrollment*

Jennifer McGee, Shawn Bergman, & Meaghan Hansen, Appalachian State University

*Racial Equity Analysis of Disciplinary Action Decisions*

Akisha Jones & Judy Penny, Guilford County Schools

## **Teacher Mentoring and Recruitment (Azalea AB)**

Maria Leahy, Moderator

*Elementary Teachers' Perceptions of Instructional Coaches' Dispositions and the Impact on Teacher Self-Efficacy*

Donna Albaugh, Fayetteville State University

*Supporting the Little Fish in a Big Sea: A Program Evaluation of a Lead Mentoring Program in Southeastern North Carolina*

Katie Snyder, New Hanover County Schools

*It's Not About the Money: An Experiment in Teacher Recruitment*

Jason Giersch, University of North Carolina at Charlotte

**10:45-11:00 Break (Atrium Center)**

**11:00-12:00 Paper Breakout Session II  
(Bellflower AB & Azalea AB)**

**Investigation of Charter Schools (Bellflower AB)**  
Neda Pouraskari, Moderator

*Administrative Spending Differences Between Charters and Traditional School Districts*

Tatia Prieto, University of North Carolina at Charlotte

*Skills and Characteristics of Sustained Leaders of Successful Public Charter Schools in North Carolina*

Maria Leahy, University of North Carolina at Charlotte

**Effective Teaching (Azalea AB)**  
Kiran Budhrani, Moderator

*Constructing Authentic Pedagogical Content Knowledge and Professional Identity: Case Study of a Successful Engineering Course*

Claudia Interiano, Jae Hoon Lim, & Carolina Nowell University of North Carolina at Charlotte

*Using NSSE Data to Improve Faculty Instruction (Student Engagement)*

Theodore Kaniuka & Matthew Wynne, Fayetteville State University

**12:00-1:15 Buffet Lunch, Paper Awards Presentation, & Keynote Address  
(Trillium A)**

**1:15-2:15 Paper Breakout Session III  
(Bellflower AB & Azalea AB)**

**Student Assessment (Bellflower AB)**

**Neda Pouraskari, Moderator**

**Quantifying Mathematics Growth, Lesson-Difficulty and Readiness for College and Career with a Single Scale**

Gary Williamson, Metametrics

***An Examination of the Implementation of a Statewide Kindergarten Electronic Portfolio Assessment***

Priscila Baddouh, Angela Ferrara, Richard Lambert, & Erica Merrill, University of North Carolina at Charlotte

***Exploring the Longitudinal Outcomes of Early College Students***

Theodore Kaniuka, Fayetteville State University & Melinda Vickers, Cumberland County Schools

**Online Learning (Azalea AB)**

**Monica Allen, Moderator**

***Systematic Review of Two Decades (1995-2014) of Research on Synchronous Online Learning***

Kiran Budhrani, Florence Martin, & Lynn Ahlgrim-Delzell, University of North Carolina at Charlotte

***Being There: Student Perception of Instructor Facilitation Strategies in Online Learning***

Florence Martin, Chuang Wang, & Ayesha Sadaf, University of North Carolina at Charlotte

**2:15-2:45 Closing Gathering with Refreshments (Atrium Center)**

## 2017 Paper Award Opportunities

### ***NCARE Distinguished Paper Award & Marvin Wyne Outstanding Student Paper Award – submit by March 15, 2017!***

Please consider submitting your paper for either the Distinguished Paper Award or the Marvin Wyne Outstanding Student Paper Award. The winner of the Distinguished Paper Award will earn a slot to present his or her paper at the 2018 AERA meeting and will receive \$500 toward travel to the 2018 AERA meeting. The winner of the Marvin Wyne Outstanding Student Paper Award will receive a \$100 award.

Guidelines for both awards:

- The paper must have been presented at the 2017 annual meeting but not previously presented or published elsewhere.
- Authors must be NCARE members at the time of the annual meeting.
- Papers representing various forms and genres of research (including conceptual papers) are welcome.
- The paper submitted for consideration must be no longer than the equivalent of 30 double-spaced pages with standard APA margins and 10- to 12- point type. The 30-page limit includes all tables, appendices, charts, graphs, references and other ancillaries to the text. The name, address, and phone number of the first author should appear on the cover page, which will be removed for review. No author identifying references should appear elsewhere. A 100- to 150-word abstract should be included with the paper.

Students are eligible for the Marvin Wyne Outstanding Student Paper Award or for the Distinguished Paper Award but may not apply for both simultaneously. For consideration for the Marvin Wyne Outstanding Student Paper Award, the paper must include only student authors.

The submission deadline for both awards is **March 15, 2017**. Papers may be submitted electronically to **[nominations@ncare.us](mailto:nominations@ncare.us)**.

## JAEPR Publication Opportunity

### Call for Papers and Volunteers:

#### **NCARE Proceedings Issue of *Journal of Applied Educational and Policy Research (JAEPR)***

NCARE has partnered with the Center for Educational Measurement and Evaluation (CEME) at the University of North Carolina at Charlotte to publish a special issue from the papers presented at the NCARE annual conference in the *Journal of Applied Educational and Policy Research (JAEPR)*. JAEPR is an open access, peer reviewed online journal published by the CEME. The journal focuses on issues of importance to educational policy makers. Please visit the online site for the journal for more information:

<http://journals.uncc.edu/jaepr>.

NCARE members are invited to submit manuscripts for consideration and to serve as peer reviewers.

#### **To Submit a Manuscript for Consideration:**

To be considered for inclusion in this special issue of JAEPR, manuscripts must be submitted online by **June 30, 2017**. For information regarding types of submissions and how to apply online, please see the "About" tab at: <http://journals.uncc.edu/jaepr>. Papers presented at the NCARE Annual Meeting will undergo peer review and are not guaranteed inclusion in the issue.

#### **To Volunteer as a Peer Reviewer:**

To volunteer as a peer reviewer, please contact the journal Editor, Dr. Chuang Wang, at [cwang15@uncc.edu](mailto:cwang15@uncc.edu).