



**SIG/Research in Mathematics Education
American Educational Research Association**
<http://www.sigrme.org>

Winter 2013 Newsletter

SIG/RME Executive Board

Co-Chairs

Eric Knuth
University of Wisconsin-Madison
2011 - 2013

Maria Blanton
TERC
2012 – 2014

Treasurer

Shuhua An
California State University, Long Beach
2012 - 2014

Communications

Mary Q. Foote
Queens College, CUNY
2011 - 2013

Electronics

Dan Battey
Rutgers, The State University of New Jersey
2011 - 2013

Awards

Denise Spangler
University of Georgia
2012 - 2014

Events

Ann Ryu Edwards
University of Maryland
2011 - 2013

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SIG/RME Election Results

Congratulations to the newly elected officers!

Co-chair

Paola Sztajn

North Carolina State University

Communications Board Member

Erin Turner

University of Arizona

Electronics Board Member

Kristen Bieda

Michigan State University

Events Board Member

Vanessa Pitts Bannister

University of South Florida

We appreciate their willingness to serve SIG/RME the next two years. We extend our thanks to outgoing board members Eric Knuth, Dan Battey, and Mary Q. Foote.

Early Career Publication Award

Kristen Bieda was selected as the recipient of the 2013 Early Career Publication Award for her publication, " Enacting proof-related tasks in middle school mathematics: Challenges and opportunities," which was recently published in Volume 41, Issue 4 (2010) of the *Journal for Research in Mathematics Education*. This award recognizes outstanding mathematics education research published by individuals within five years of receiving their doctoral degrees. The award will be presented at the upcoming NCTM Research Pre-session's opening session. Congratulations, Kristen!

AERA Information

The 2013 AERA Annual Meeting will be held Saturday, April 27, through Wednesday, May 1, 2013, in San Francisco, California. The theme is "**Education and Poverty: Theory, Research, Policy and Praxis.**"

This year, we again received a record number of proposals. There were 158 proposals submitted to SIG/RME, 28 symposium proposals and 130 individual paper proposals. We are very grateful to all of the reviewers who helped review the proposals—we received over 450 reviews.

SIG/RME received an allocation of 15 sessions for paper sessions or symposia, 61 for Roundtable or Poster presentations, as well as one for our annual Business Meeting. Sixteen of the 28 symposium proposals (about 57%) were accepted, including 10 accepted as symposia and 6 accepted as roundtables. Of the 130 individual paper proposals, 62 were accepted (about 48%) including 25 accepted as paper presentations and 37 accepted as roundtable or poster presentations.

The SIG/RME Business Meeting will be held on Monday, April 29 from 6:30pm - 8:00pm in the Westin St. Francis, Second Level - Elizabethan C. We hope to see you all there.

SIG/RME Schedule at AERA

SIG/RME BUSINESS MEETING AND RECEPTION

Research in Mathematics Education SIG Business Meeting

Time: Mon, Apr 29 - 6:30pm - 8:00pm

Place: Westin St. Francis, Second Level - Elizabethan C

SYMPOSIA

Theoretical Frameworks in Research on Mathematics Teachers

Time: Sat, Apr 27 - 2:15pm - 3:45pm

Place: Hilton Union Square, Lobby Level - Golden Gate 1

Advances in Psychometric Modeling for Mathematics Education Research: Issues of Theory and Method

Time: Sun, Apr 28 - 8:15am - 10:15am

Place: Parc 55, Third Level - Powell I

Detailing Equitable Mathematics Classroom Practices

Time: Sun, Apr 28 - 12:25pm - 1:55pm

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

Approaches to Analyzing Qualitative Data in Mathematics Education: A Detailed View

Time: Mon, Apr 29 - 2:45pm - 4:15pm

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

Teacher Noticing of Equity in Mathematics

Time: Tue, Apr 30 - 10:20am - 11:50am

Place: Hilton Union Square, Fourth Level - Tower 3 Union Square 9

Resourcing Mathematics Teacher Work and Knowledge: New Perspectives on Resource Design, Use, and Teacher Collaboration

Time: Tue, Apr 30 - 2:00pm - 3:30pm

Place: Hilton Union Square, Sixth Level - Tower 3 Lombard

Choosing and Using Examples: A Promising Road to Proof?

Time: Wed, May 1 - 10:35am - 12:05pm

Place: Hilton Union Square, Fourth Level - Tower 3 Union Square 3 and 4

Between Replication and Redesign: Lessons Implementing a Technology-Enabled Mathematics Project in the United States and England

Time: Wed, May 1 - 12:25pm - 1:55pm

Place: Hilton Union Square, Sixth Level - Tower 3 Lombard

Beyond the Script: Educative Features of Five Mathematics Curricula and How Teachers Use Them

Time: Wed, May 1 - 2:15pm - 3:45pm

Place: Hilton Union Square, Sixth Level - Tower 3 Lombard

PAPER SESSIONS

Issues of Equity and Diversity in Mathematics Teaching and Learning

Time: Sat, Apr 27 - 12:00pm - 1:30pm

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

Secondary Mathematics Teacher Knowledge and Practice

Time: Sun, Apr 28 - 8:15am - 9:45am

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

K-8 Mathematics Teachers' Knowledge and Practice

Time: Sun, Apr 28 - 10:35am - 12:05pm

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

Explorations of Student Thinking

Time: Mon, Apr 29 - 10:35am - 12:05pm

Place: Hilton Union Square, Sixth Level - Tower 3 Van Ness Room

Studies of Postsecondary Mathematics

Time: Tue, Apr 30 - 8:00am - 9:30am

Place: Parc 55, Second Level - Sutro

ROUNDTABLE SESSIONS

Supporting Teachers' Learning About Ambitious Mathematics Instruction: Examining What Professional Development Leaders Need to Know and Be Able to Do

Time: Sun, Apr 28 - 10:35am - 12:05pm

Place: Sir Francis Drake, Second Level - Empire

Issues of Equity and Diversity in Mathematics Education

Time: Sun, Apr 28 - 2:15pm - 3:45pm

Place: Sir Francis Drake, Second Level - Empire

Mathematics Teacher Practices

Time: Sun, Apr 28 - 2:15pm - 3:45pm

Place: Sir Francis Drake, Second Level - Empire

Studies in Geometry

Time: Sun, Apr 28 - 2:15pm - 3:45pm

Place: Sir Francis Drake, Second Level - Empire

Data Collection Instrument Development

Time: Tue, Apr 30 - 8:00am - 9:30am

Place: Hilton Union Square, Ballroom Level - Imperial Ballroom A

Studies of Elementary Student Thinking

Time: Tue, Apr 30 - 8:00am - 9:30am

Place: Hilton Union Square, Sixth Level - Tower 3 Powell

Exploring Productive Disposition for Teaching Mathematics

Time: Tue, Apr 30 - 12:10pm - 1:40pm

Place: Sir Francis Drake, Second Level - Empire

Extending Mathematical Knowledge for Teaching: Understanding the Construction of Connections and Coherence

Time: Tue, Apr 30 - 12:10pm - 1:40pm

Place: Sir Francis Drake, Second Level - Empire

Framing and Revising a Hypothetical Learning Trajectory for Volume Measurement: Integrating Longitudinal Case Studies and the Rasch Model

Time: Tue, Apr 30 - 12:10pm - 1:40pm

Place: Sir Francis Drake, Second Level - Empire

Mathematics Classroom Practices

Time: Tue, Apr 30 - 12:10pm - 1:40pm

Place: Sir Francis Drake, Second Level - Empire

Studies of Classroom Practices

Time: Tue, Apr 30 - 5:05pm - 6:35pm

Place: Sir Francis Drake, Second Level - Empire

Studies of Student Thinking

Time: Tue, Apr 30 - 5:05pm - 6:35pm

Place: Sir Francis Drake, Second Level - Empire

Curriculum Studies

Time: Wed, May 1 - 8:15am - 9:45am

Place: Hilton Union Square, Sixth Level - Tower 3 Powell

Elaborating and Relating Central Aspects of Mathematics Teachers' Knowledge and Practice

Time: Wed, May 1 - 8:15am - 9:45am

Place: Hilton Union Square, Sixth Level - Tower 3 Powell

WORKING GROUP ROUNDTABLE SESSIONS

Examining Ideologies in Mathematics Teaching and Learning Practices With Bilingual Latinas/os

Time: Sun, Apr 28 - 4:05pm - 5:35pm

Place: Hotel Nikko, Third Level - Nikko I

POSTER SESSIONS

Standards and Accountability

Time: Tue, Apr 30 - 10:20am - 11:50am

Place: Parc 55, Fourth Level - Cyril Magnin Foyer

NCTM Research Pre-Session Information

The Research Pre-session is sponsored by the NCTM Research Committee and the Special Interest Group on Research in Mathematics Education (SIG/RME) of the American Educational Research Association (AERA).

The NCTM Research Pre-session serves multiple purposes. First, it annually brings researchers together to examine and discuss current issues in mathematics education. Second, it is a chance for researchers to receive feedback on their work and to benefit from exposure to alternative points of view. Third, the Research Pre-session is an opportunity to capitalize on the collective wisdom available when researchers and practitioners come together to discuss mathematics education and research. Finally, the Research Pre-session affords beginning scholars opportunities to interact and network with veteran researchers in the field.

NCTM has adopted Linking Research and Practice as a priority for the Council. The Annual Meeting will continue to strengthen the links between research and practice in the Council's ongoing work. It will be held in Philadelphia, Pennsylvania April 15-17, 2013. The **opening session** is Monday, April 15th at 7:00 p.m. Kenneth Zeichner from the University of Washington Seattle will present a talk entitled: "Educational Entrepreneurship, Disruptive Innovation, and the Struggle for the Soul." There will be **concurrent sessions** from 8:30 a.m. to 6:00 p.m. on Tuesday, April 16th, and from 8:30 a.m. to 4:30 p.m. on Wednesday, April 17th.

There will be a **plenary session** on Wednesday morning, April 17th from 10:30-noon. Jo Boaler of Stanford University will be the speaker. Her talk is entitled: "Using Research to Make a Difference." Afternoon sessions including individual papers, research symposia, and work sessions have been scheduled, allowing members of the National Council of Supervisors of Mathematics (NCSM) and other practitioners interested in research to attend.

The final program for the NCTM Research Pre-session will be available shortly through NCTM's website at <http://nctm.org>. Pre-registration for the Research Pre-session is currently available electronically through NCTM's website at <http://nctm.org>. On-site registration will also be available. For more information on registration costs, please consult the NCTM website.

SIG/RME Website

Please check our website at <http://www.SIGRME.org> for information related to SIG/RME announcements, positions available, upcoming conferences, and much more.

If you have any information you think should be posted on the SIG/RME website, please contact Dan Battey at <dan.battey@gse.rutgers.edu>.

The SIG/RME Annual Membership Directory is available on the SIG/RME website. Please check your contact information in the current directory by checking the electronic directory on the SIG/RME website. **(The user ID is math, and the password is SIGRME.)**

If any changes need to be made to your contact information, please notify Shuhua An at <shuhua.an@csulb.edu>.

Membership Dues and Contact Information

A few years ago, a change occurred in our membership policy as dictated by AERA. You may now renew your SIG/RME membership when you renew your AERA membership. This way, your SIG/RME dues are processed by AERA, and your membership dates are always the same.

AERA has changed its membership procedures. All SIG-RME members must also be active members of AERA. (In other words, it is no longer possible to be a member of SIG-RME and not a member of AERA.)

If your mailing address or other contact information is incorrect, please update your contact information through the AERA website.

Important Dates

2013

April 15-17

NCTM Research Pre-Session in Denver, CO (<http://www.nctm.org>)

April 17-20

NCTM Annual Meeting and Exposition in Denver, CO (<http://www.nctm.org>)

April 27- May 1

AERA Annual Meeting in San Francisco, CA (<http://www.aera.net>)

Nov. 14-17

Psychology of Mathematics Education – North America (PME- NA) Annual Meeting in Chicago, IL (<http://www.pmena.org>)

2014

Feb. 6-8

Association of Mathematics Teacher Educators (AMTE) Annual Meeting in Irvine, CA (www.amte.net)

April 7-9

NCTM Research Pre-Session in New Orleans, LA

April 3-7

AERA Annual Meeting in Philadelphia, PA