



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

**Summer 2012 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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## Call for Officer Nominations

Nominations are being sought for the SIG/RME Executive Board positions of Co-Chair, Communication, Electronics, and Events Board Member for terms to run from April 2013 – April 2015. A nomination form is included at the end of this newsletter, or you may e-mail your nomination to Dan Battey at <dan.battey@gse.rutgers.edu> by **September 15, 2012**. Self-nominations are also encouraged. The by-laws require that we have two candidates for each office. The duties of officers are posted on the SIG/RME web site.

## Call for AERA Proposals

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

**All proposals must be submitted electronically. Proposals may be submitted between June 1 and July 22, 2012.**

It is important to note that the number of slots allocated to Special Interest Groups (SIGs) is now based on the proportion of the number of proposals submitted. The more proposals are submitted to our SIG, the more slots will be available for faculty and graduate students to present their work. Therefore, we strongly encourage you to submit proposals.

AERA's electronic Annual Meeting management system, *All Academic Convention*<sup>™</sup>, supports web-based electronic proposal submission, peer review, proposal evaluation, session creation, scheduling, and program generation for the AERA Annual Meeting. After you submit, you can check the result to ensure that it is as you intended. However, you may not be able to view your submission until 48 hours after you submit. **WE HIGHLY RECOMMEND THAT YOU SUBMIT YOUR PROPOSAL EARLY AND THAT YOU TAKE ADVANTAGE OF THE FEATURE THAT ENABLES YOU TO VIEW YOUR SUBMISSION.** Some who have previously submitted did not realize their submissions had not been appropriately received, and the co-chair has no way to recognize this situation.

The opening date for all proposals was June 1, 2012. Please visit the URL <http://www.aera.net/Portals/38/docs/Publications/AERA%20Highlights/AERA2013AMCallForSubmissions.pdf> for details as to proposal requirements, deadlines, and so forth. Proposals must be submitted by July 22, 2012.

Proposals submitted by fax, mail, and e-mail will **NOT** be accepted.

- If you submit a proposal through SIG/RME, please indicate whether another SIG or Division could co-sponsor it.
- If you are a member of SIG/RME and are willing to serve as a reviewer for AERA proposals, please use AERA's website to sign up as a reviewer for the SIG.
- If you are willing to serve as a chair or discussant for AERA sessions sponsored by SIG RME, please use AERA's website to sign up as a Chair/Discussant for the SIG.

## Call for AERA Proposal Reviewers

SIG/RME needs volunteers to review AERA proposals submitted to the SIG. Please volunteer.

- a) If you are an AERA member, you can do this on-line at [www.aera.net](http://www.aera.net). You will need to login as a member and then go to the page for the 2012 meeting.
- b) If you are not an AERA member, please join AERA and SIG/RME so that you can become a reviewer, discussant or chair for AERA.

### Call for Proposals for NCTM Research Pre-Session in Denver, CO April 15-17, 2013

<http://www.nctm.org/researchpresession.aspx>

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

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 strengthens the links between research and practice in the Council's ongoing work.

The **opening session** will be Monday, April 15 at 7:00 pm. There will be **concurrent sessions** from 8:30 am to 6:00 pm on Tuesday, April 16, and from 8:30 am to 4:30 pm on Wednesday, April 17.

**Proposals** will be accepted starting June 11, 2012, and the deadline for submission is 11:59 pm PDT, August 3, 2012. Further information about proposals and about the Research Pre-session is available at: <http://www.nctm.org/researchpresession.aspx>.

### Session Types

#### *Interactive Paper Session*

(90-minute session, including 45 minutes for participant discussion)

Interactive Paper sessions are three individual submissions, grouped by the program planning committee around a common theme. For each paper, the speaker(s) will provide a 15-minute overview presentation of the study to the entire audience then engage in two 15-minute roundtable rotations to stimulate discussion with small groups of participants. A presider selected by the program planning committee will facilitate a concluding discussion. Proposals should include a description of the conceptual or theoretical perspective, the research question(s) and design, data collection techniques and analyses, and a summary of findings.

### *Poster Session*

(1 hour and 15-minute session)

Poster sessions are designed to encourage the exchange of ideas. They combine the visual display of materials with the opportunity for informal discussion. The available space for posting is 4½' x 6½'. Poster sessions reporting on research in progress with some preliminary findings are particularly encouraged. Presenters need to be present with their posters at the time listed in the program.

### *Research Symposium*

(90-minute session, including 30 minutes for participant discussion)

A symposium is to be more than a collection of loosely related papers that deal with similar topics. Research symposia can be presented in three different formats:

1. Several presentations focusing on the same problem from complementary or contrasting perspectives or research paradigms. Speakers should be chosen to reflect diverse points of view. The presenters should exchange outlines of their papers in advance so that differences and similarities in the presentations can be stressed.
2. Several presentations from a connected set of studies arising from a single program of research. Speakers may choose to select a discussant to respond to or synthesize their presentations.
3. One substantive presentation on a major theme (an accompanying prepared paper would be appropriate) with two or three prepared critiques/responses. The primary presentation should report on a program of research or a particular view of a research issue, but not a single research study.

To increase participation and interactivity of the conference, the submission must include a set of three to five central questions that will be used to focus participation in the session.

### *Discussion Session*

(90-minute session, including at least 45 minutes for participant engagement)

Discussion sessions are designed to allow for sustained interactions for both participants and organizers around a research topic. This type of session is intended for the proposers to get early feedback on their research or begin to frame new research directions. This discussion session may focus on: a research instrument or tool; project data; theoretical, conceptual, and methodological efforts; or emerging research areas that foster new research collaborations.

**NOTE: Only electronic submissions of proposals to the NCTM Presession will be accepted.**

### **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. The 2012 Membership Directory can also be accessed through the website. (The user ID is **math**, and the password is **sigrme**.)

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](mailto:dan.battey@gse.rutgers.edu)>.

## **Membership Dues & 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. (Download the form at [http://www.aera.net/uploadedFiles/Membership\\_Info/MembershipForm.pdf](http://www.aera.net/uploadedFiles/Membership_Info/MembershipForm.pdf).) 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.)

### **Address Correction Requested!**

If any of your contact information has changed since the last SIG/RME directory (e-mail address, phone number, etc.), please update your information online at <http://www.aera.net> If you log in as member of AERA and update your information, this simultaneously updates your information for SIG-RME.

## **Call for Early Career Publication Award Nominations**

In 2001, the Special Interest Group for Research in Mathematics Education established the "SIG/RME Early Career Publication Award". The first award was presented in 2002. The most recent award was presented to Dr. Anita Wager.

The purpose of the Early Career Publication Award is to recognize an outstanding mathematics education research publication by an individual within six years of receiving her/his doctoral degree. The award includes a stipend of \$500, announcement in the SIG/RME newsletter and on the SIG/RME website and recognition at the annual NCTM Research Pre-session.

The publication being nominated for the SIG/RME Early Career Publication Award may be based on the dissertation work of the nominee or other recent research the nominee has conducted. The nominee should be either the single author or the first author (in the case of a jointly authored publication). Note that only a peer-reviewed research publication is eligible for nomination; the award will not be given for a dissertation. The nominee should have received her/his doctoral degree in mathematics education no more than 6 years prior to the nomination deadline (ie., no earlier than January 2007 for this year's nominations).

Nominations should include (and are restricted to) the following items:

1. A letter nominating the author of an early career publication. Please include the name of the author, the date he/she received the doctoral degree, and the name of the institution that conferred the degree. The nominator should also include reasons that the paper should be considered as an example of an outstanding mathematics education research publication.

If the publication is based on the author's dissertation, please include the name of the dissertation director and complete bibliographic information about the dissertation (including the dissertation abstract's number). (Self nominations will be accepted.)

2. A copy of the paper, including complete bibliographic information.
3. A copy of the Table of Contents of the journal or other peer-reviewed research publication in which the paper appeared.

Nominations will be considered by a committee consisting of the Steering Committee members and the Electronic Communications Secretary of the SIG/RME Executive Board. The decisions of that committee will be final. Please send nomination materials **no later than January 15, 2013** to Denise Spangler. **Electronic submissions to <[dspangler@uga.edu](mailto:dspangler@uga.edu)> are preferred.** Alternatively, you may submit **two copies** of the above items to:

Denise Spangler  
105 Aderhold Hall  
University of Georgia  
Athens GA 30602-7124

### Important Dates

#### 2012

- |              |   |
|--------------|---|
| June 1       | AERA Online Proposal Submission System <b>will begin accepting</b> all proposals. Please check the AERA website at ( <a href="http://www.aera.net">http://www.aera.net</a> ).                       |
| June 11      | NCTM Online Proposal Submission System <b>will begin accepting</b> proposals for the 2013 NCTM Research Pre-Session. Go to <a href="http://www.nctm.org">www.nctm.org</a> and click on Conferences. |
| July 22      | <b>Closing date</b> for all AERA Divisions, Committees, and SIGS (11:59 PM Pacific Daylight Time). <b>No late submissions will be accepted.</b>   |
| August 3     | Deadline for NCTM Research Pre-Session proposals. Go to <a href="http://www.nctm.org/researchpresession.aspx">http://www.nctm.org/researchpresession.aspx</a> for further information.              |
| September 15 | Nominations for SIG/RME officers due to Dan Battey.   |
| Nov. 1-4     | Psychology of Mathematics Education – North America (PME-NA) Annual Meeting in Kalzadoo, Michigan ( <a href="http://www.pmena.org">http://www.pmena.org</a> )                                       |

#### 2013

- |             |  |
|-------------|--|
| January 15  | Nominations for SIG/RME Early Career Publication Award due to Denise Spangler  |
| Jan. 24-26  | Association of Mathematics Teacher Educators (AMTE) Annual Meeting in Orlando, FL ( <a href="http://www.amte.net">www.amte.net</a> ) |
| April 15-17 | NCTM Research Pre-Session in Denver, CO  |

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

**Minutes of the SIG/RME Business Meeting  
Vancouver, British Columbia, Canada**

**1. Motion to approve agenda (6:30)**

**2. Report from Senior-Co-Chair**

A. AERA 2012 SIG/RME Sessions

Total	Symposium	paper
154	17	137
Accepted	9 (53%)	48 (35%)

55 Reviewers

465 Reviews

9 symposiums

23 individual papers

25 roundtable or poster

B. New and Outgoing Board Members

Outgoing board members:

- Jinfai Cai (2010–12), Co-Chair *University of Delaware*
- Tonya Gau Bartell (2010–12), *University of Delaware*
- Joanne Lobato (2010-12), *San Diego State Univeristy*

New Board members:

- Maria Blanton, TERC
- Shuhua An, California State University – Long Beach
- Denise A. Spangler, University of Georgia

### 3. Treasurer's Report

#### SIG-RME Treasurer's Report April 1, 2011 – March 31, 2012

<b>BEGINNING BALANCE</b> (4/1/11)		\$32,838.64
<b>INCOME</b>		
SIG-RME membership dues (Apr 2011 - Feb 2012)		\$7,035.00
	Total income	\$7,035.00
	Subtotal	\$39,873.64
<b>EXPENSES</b>		
<b>AERA Annual Meeting</b> (2011)		
SIG-RME 2011 Reception at business meeting		\$2,874.91
SIG-RME 2011 Senior Scholar/Speaker		\$500.00
Honorarium		\$1242.93
SIG-RME Speaker Travel Expenses		
<b>Awards</b>		
Plaques (Early Career Publication, 2011)		\$40.78
Early Career Publication Award 2011 Stipend		\$500.00
Senior Scholar Award 2011 Stipend/Travel		
<b>NCTM Research Pre-Session</b> (2011)		
Keynote Speaker Honorarium		\$866.00
<b>Administrative Charges</b>		
AERA management fee (8/11)		\$300.00
Electronics Board Member: Bandwidth Space		\$95.76
(4/11)		
	Total expenses	\$6,420.38
<b>ENDING BALANCE</b> (3/31/12)		\$33,453.26

Membership total as of 4/10/12: **502 members**

Past Membership Information  
Membership Total 3/31/11: 482 members  
Membership Total 3/31/10: 535 members  
Membership Total 3/31/09: 552 members

Ideas were discussed for spending some of our extra money.

#### 4. Awards Chair's Report

##### A. Early Career Publication

Anita Wager was selected as the recipient of the 2012 Early Career Publication Award for her publication, "Incorporating out-of-school mathematics: From cultural context to embedded practice," which was recently published in Volume 15, Issue 1 (2012) of *Journal of Mathematics Teacher Education*. This award recognizes outstanding



mathematics education research published by individuals within five years of receiving their doctoral degrees.

The award was presented at the 2012 NCTM Research Pre-session's opening session. Congratulations, Anita!

Criteria for Early Career Publication Award: This past year, a task force of five current and former SIG-RME members developed explicit criteria for the Early Career Publication Award. The criteria were tried out and found to be useful during deliberations this year. The criteria will be included in the by-laws changes that the SIG-RME membership will be asked to discuss and vote on in the near future. Also included in the revised by-laws is new language for the case in which a nominated paper has co-authors.

**B. Changes to deadlines in the Senior Scholar Award:**

The Senior Scholar award recognizes the programmatic research and mentoring of a senior scholar within the field of mathematics education. This award is given every other year. Last year it was awarded to Ed Silver. Because this is such an important award, we want to make sure all that the SIG-RME membership is aware of the deadlines for nominations. To that end, we are moving the deadline from Feb to May 15 in even years. This will allow us to make an announcement of the deadlines at the AERA and NCTM meetings.

### **5. Creating Opportunities for Timely Disseminating Research in Mathematics Education (Jim Middleton, Arizona State University)**

Creating an empirically-based monograph series in mathematics education to get innovative themes in the field published quickly. Particularly to support junior faculty and graduate students in moving through the publication process more quickly.

We discussed the monograph series with the membership.

### **6. Additional Announcements for the Good of the Order**

None

### **7. Transition to the New SIG/RME Board**

### **8. Meeting Adjourned**

Meeting ended 7:48 PM

Minutes submitted by Dan Battey acting for Ann Ryu Edwards

**Call for Officer Nominations!!!**

Please indicate your nominations for the following offices. Your nominees must be members of SIG/RME. Please note that officers may not serve consecutive terms. Current officers are listed on p. 1 of this newsletter. It is not necessary to secure an individual's permission before making a nomination as the Steering Committee members will confirm that nominees are willing to run for election.

Co-Chairperson: \_\_\_\_\_

Communications Board Member: \_\_\_\_\_

Electronics Board Member: \_\_\_\_\_

Events Board Member: \_\_\_\_\_

Send your nominations to Dan Battey by e-mail by **September 15, 2012.**

<<dan.battey@gse.rutgers.edu>>