



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

Summer 2013 Newsletter

SIG/RME Executive Board

Co-Chairs

Maria Blanton
TERC
2012 – 2014

Paola Sztajn
North Carolina State University
2013 – 2015

Treasurer

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California State University, Long Beach
2012 - 2014

Communications

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2013 - 2015

Electronics

Kristen Bieda
Michigan State University
2013 - 2015

Awards

Denise Spangler
University of Georgia
2012 - 2014

Events

Vanessa Pitts Bannister
University of South Florida
2013 - 2015

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Call for Officer Nominations

Nominations are being sought for the SIG/RME Executive Board positions of Co-Chair, Treasurer and Awards Board Member for terms to run from April 2014 – April 2016. A nomination form is included at the end of this newsletter, or you may e-mail your nomination to Kristen Bieda at <kbieda@msu.edu> by **September 15, 2013**. 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 2014 AERA Annual Meeting will be held Thursday, April 3 - Monday, April 7, 2014, in Philadelphia, Pennsylvania. The theme is *"The Power of Education Research for Innovation in Practice and Policy"*.

All proposals must be submitted electronically by July 22, 2013.

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*[™], 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.

Proposals must be submitted by July 22, 2013. Please visit the URL <http://www.aera.net/Portals/38/docs/Annual_Meeting/2014_Annual_Meeting/2014AMCallforSubmissionsRvd.pdf> for details as to proposal requirements, deadlines, etc. If you submit a proposal through SIG/RME, please indicate whether another SIG or Division could co-sponsor it.

- 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. You will need to login as a member and then go to the page for the 2014 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 Conference in New Orleans, LA
April 7-9, 2014**

<http://www.nctm.org/researchconf/>

The NCTM Research Conference is sponsored by the NCTM Research Committee and the Special Interest Group for Research in Mathematics Education of the American Educational Research Association.

The NCTM Research Conference (formerly the 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 Conference 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 Conference 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 7 at 7:00 pm. The **plenary session** will be Wednesday, April 9th at 10:30am. **Other sessions** will be scheduled from 8:30 a.m. Tuesday, April 8th, 2014 through 4:30 p.m. Wednesday, April 9th, 2014.

Proposals: The deadline for submission is 11:59 pm PDT, August 5, 2013. Further information about proposals and about the new Research Conference is available at: <http://www.nctm.org/researchconf/>

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)

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 4' x 6'. 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

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

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

(75-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, facilitate a conversation around critical issues in mathematics education, 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 to the NCTM Research Conference will be accepted.

Call for Reviewers for NCTM Research Conference in New Orleans, LA

Beginning this year, written reviews and ratings will not only be used by the committee to develop a program, but be shared with the proposal authors. Because we expect these reviews to take more effort than in past years, we need to increase the number of reviewers while making sure they have the expertise to provide substantive and quality reviews.

In mid August, reviewers can expect to receive 5-7 proposals in their areas of expertise; reviews will be due electronically by Monday, September 2, 2013. To give you a sense of what the reviews will involve, you can find the call for proposals and criteria for proposal reviews and ratings online: <http://www.nctm.org/researchconf/>

Your participation in this important endeavor will be an invaluable service to the mathematics education research community. If you are willing to review for the 2014 Research Conference, please click this link and follow the instructions to sign up. <http://nctm.confex.com/nctm/2014RP/cfr.cgi>

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 <kbieda@msu.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.

Call for Senior Scholar Award Nominations

The Special Interest Group for Research in Mathematics Education (SIG/RME) of AERA invites nominations for the Senior Scholar Award, to be presented at AERA 2015. This award recognizes and celebrates the programmatic research of a senior scholar within the field of mathematics education. The SIG/RME will present the award to an individual who is *active in mathematics education research at the time the award is granted* and who is nominated by members of the community as an exemplar in regard to the following two criteria. The nominee has

- designed and carried out programmatic research that originates in mathematics education and helps understand crucial phenomena of mathematics teaching and learning, as represented in a corpus of writings and research projects that have contributed to the theoretical development of the field as well as having been grounded empirically
- developed the research capacity of the field, as attested to by the existence of a “school of thought” or intellectual heritage associated to the scholar’s name, a heritage that includes other individuals whom the scholar has had a direct influence in encouraging and helping become productive in mathematics education research or an identifiable domain of mathematics education research within which the nominee’s constructs and results are used regularly by other researchers

One or more of the following criteria can strengthen the nomination. The nominee has also made

- major contributions to the broader field of educational research,
- a major impact on the practice of mathematics education at large.

Nominations must include the following:

A letter of nomination proposing the name of the nominee and describing the grounds on which the nominee meets the requirements for the award. Three criteria should be addressed in the letter:

1. A brief (no more than 250-word) description of the program of research carried out by the nominee;
2. A list of significant publications representing the contributions described, and;
3. A list of scholars who have been significantly affected by the work of the nominee.
The list of scholars may include, but need not be limited to, doctoral students who worked with the nominee. Include current contact information for the list of scholars.

Self-nominations will not be accepted. Scholars worldwide can be nominated for this award, and membership in AERA or SIG/RME is not required of the nominees.

The nomination packet must be received by **February 3, 2014**. **Electronic submissions to dspangle@uga.edu are preferred**. Alternatively, you may submit the nomination packet to:

Denise Spangler
Department of Mathematics and Science Education
University of Georgia
105 Aderhold Hall
Athens GA 30602-7124

An awards committee composed of the outgoing senior co-chair of the SIG/RME board, a retired senior scholar in mathematics education, the previous award winner, and two active members of SIG/RME who are senior scholars in mathematics education research, will decide on the award. The current senior co-chair is an ex-officio member of the Senior Scholar Selections Committee. The awardee will be expected to deliver the SIG/RME invited address at AERA 2015.

More information on the award, criteria and nomination procedures can be found at the SIG/RME's website: <http://www.SIGRME.org>.

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. Kristen Bieda.

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 Conference.

Nomination Guidelines

- 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 2008 for this year's nominations).

Nomination Packets

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

- 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.)
- A copy of the paper, including complete bibliographic information.
- 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 sub-committee of the Executive board, consisting of the Awards, Events, and Electronic Board Members. The decisions of that committee will be final. Please send nomination materials **no later than January 15, 2014** to Denise Spangler. **Electronic submissions to <dspangle@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

2013

June 3

AERA Online Proposal Submission System **will begin accepting** all proposals for the 2014 Annual Meeting. Please check the AERA website at (<http://www.aera.net>).

July 22

Closing date for all AERA Divisions, Committees, and SIGS (11:59 PM Pacific Daylight Time). **No late submissions will be accepted.**

August 5

Deadline for NCTM Research Conference proposals. Go to <http://www.nctm.org/researchconf/> for further information.

September 15
Nominations for SIG/RME Officers Due (Kristen Bieda, <kbieda@msu.edu>)

November 14-17
Psychology of Mathematics Education – North America (PME- NA) Annual Meeting in Chicago, IL (<http://www.pmena.org>)

2014

January 15
Nominations for Early Career Publication Award Due (Denise Spangler, <dspangle@uga.edu>)

February 3
Nominations for Senior Scholar Award Due (Denise Spangler, <dspangle@uga.edu>)

February 6-8
Association of Mathematics Teacher Educators (AMTE) Annual Meeting in Irvine, CA (<http://www.amte.net>)

April 3-7
AERA Annual Meeting in Philadelphia, PA (<http://www.aera.net>)

April 7-9
NCTM Research Conference in New Orleans, LA (<http://www.nctm.org>)

April 9-12
NCTM Annual Meeting in New Orleans, LA (www.nctm.org)

Minutes of SIGRME Business Meeting and Treasurer's Report

- Report from Senior-Co-Chair

1. AERA 2013 SIG/RME Sessions

Total	Symposium	paper
158	28	130
Accepted	16 (57%)	62 (48%)

2. New and Outgoing Board Members

Outgoing board members:

- Eric Knuth (2011–13), Co-Chair, *University of Wisconsin*
- Dan Battey (2011–13), *Rutgers University*
- Ann Edwards (2011-13), *University of Maryland*
- Mary Foote (2011-2013), *CUNY - Queens College*

New Board members:

- Paola Sztajn (2013-2015), Co-Chair *NC State University*
- Kristen Bieda (2013-2015), *Michigan State University*
- Vanessa Pitts Bannister (2013-2015), *University of South Florida*
- Erin Turner (2013-2015), *University of Arizona*

- Treasurer's Report

1. Membership

4/29/13	• 545 members
4/10/12	• 502 members
3/31/11	• 482 members
3/31/10	• 535 members
3/31/09	• 552 members

2. Budget

April 1, 2012 – March 31, 2013

BEGINNING BALANCE (4/1/12)		\$33,893.26
INCOME		
SIG/RME membership dues (Apr 2012- March 2013)		\$7,920.00
	Total income	\$7,920.00
	Subtotal	\$41,813.26
EXPENSES		
AERA Annual Meeting (2012)		
SIG/RME 2012 Reception Business Meeting		\$4,780.38
Awards		
Plaques (Early Career Publication, 2012) Early Career Publication Award 2012 Stipend		\$45.00 \$500.00
Administrative Charges		
AERA management fee (8/12)		\$300.00
	Total expenses	\$5,625.38
ENDING BALANCE (3/31/13)		\$36,187.88

- Awards Chair's Report

1. Early Career Publication

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*. Congratulations, Kristen!

2. 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. The last award recipient was Ed Silver. Because this is such an important award, we want to make sure that all the SIG/RME membership is aware of the deadlines for nominations. To that end, we are moving the deadline back 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. If you would like to nominate someone this year, please see the nomination guidelines above.

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: _____

Treasurer Board Member: _____

Awards Board Member: _____

Send your nominations to Kristen Bieda by e-mail by **September 15, 2013**.

[<kbieda@msu.edu>](mailto:kbieda@msu.edu)