

**Winter 2016 Newsletter**

**SIG/RME Executive Board**

**Co-Chairs**

Janine Remillard  
University of Pennsylvania  
2014 – 2016

Ilana Horn  
Vanderbilt University  
2015 – 2017

**Treasurer**

Anita Wager  
University of Wisconsin-Madison  
2014 – 2016

**Communications**

Hala Ghouseini  
University of Wisconsin-Madison  
2015 – 2017

**Electronics**

Meghan Shaughnessy  
University of Michigan  
2015 – 2017

**Awards**

Victoria Hand  
University of Colorado Boulder  
2014 – 2016

**Events**

Paula Guerra  
Kennesaw State University  
2015 – 2017

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## **SIG/RME Election Results**

*Congratulations to the newly elected officers!*

*Co-Chair (2016-2018)*  
Ruth Heaton  
University of Nebraska-Lincoln

*Treasurer Board Member (2016-2018)*  
Mariana Levin  
Western Michigan University

*Awards Board Member (2016-2018)*  
Imani Masters Goffney  
University of Houston

We appreciate their willingness to serve SIG/RME the next two years.

We extend our thanks to outgoing board members  
Janine Remillard, Anita Wager, and Victoria Hand.

## **Early Career Publication Award**

**Yasemin Copur-Gencturk** of the University of Houston was selected as the recipient of the 2015 Early Career Publication Award for her publication, “The effects of changes in mathematical knowledge on teaching: A longitudinal study of teachers' mathematical knowledge and instruction,” which was recently published in Volume 46, Issue 3 (2015) of *Journal for Research in Mathematics Education*. This award recognizes outstanding mathematics education research published by individuals within six years of receiving their doctoral degrees. The award will be presented at the SIG/RME business meeting at AERA and will also be announced at the NCTM Research Conference opening session. Congratulations, Yasemin!

## **Call for Distinguished Scholar Award Nominations**

The Special Interest Group for Research in Mathematics Education (SIG/RME) of AERA invites nominations for the Distinguished Scholar Award, to be presented at AERA 2017. This award recognizes and celebrates the programmatic research of a distinguished scholar within the field of mathematics education. [You can find a full description of this award and the nomination process at the end of this newsletter and also on the SIG/RME website \(Call for Nominations 2016\)](#)

## AERA Information

The 2016 AERA Annual Meeting will be held Friday, April 8, through Tuesday, April 12, 2016, in Washington, DC. The theme is “*Public Scholarship to Educate Diverse Democracies.*”

**The SIG/RME Membership Meeting and Reception** will be held on **Saturday, April 9, 6:15-8:15 PM, in the Marriot Marquis, Level Two, Marquis Salon 8.** The meeting will include a panel discussion on *Ensuring that All Students Have Access to High Quality Mathematics Teaching*. We will have three panelists who bring different perspectives to this challenge faced by our community: **Robert Berry III, Amanda Datnow, and Corey Drake.** A schedule for the meeting and reception follows. We hope to see you all there. If you are unable to attend but have an item for discussion at the business meeting, please send the item to Janine Remillard ([janiner@upenn.edu](mailto:janiner@upenn.edu)) and we will try to address it at the meeting.

- |           |                                     |
|-----------|-------------------------------------|
| 6:15-6:45 | SIG/RME Reception                   |
| 6:45-7:00 | Opening comments and SIG/RME Awards |
| 7:00-7:45 | Panel discussion                    |
| 7:45-8:15 | Business meeting                    |
- Proposal: Add graduate student representatives to SIG RME board
  - Discussion: Graduate students travel awards
  - Bylaw update
  - Activity report (AERA sessions, proposals, budget, & Bylaws update)

## SIG/RME Schedule at AERA

### **FRIDAY, APRIL 8**

*Conceptualizing Equity in Mathematics Education Research, Practices, and Policy*

Time: 12:00-1:30 pm

Type: Paper Session

Place: Marriott Marquis, Level Four, Liberty Salon I

*Measuring Student Interest, Engagement, and Well-Being in Mathematics Education*

Time: 2:15-3:45 pm

Type: Paper Session

Place: Marriott Marquis, Level Four, Liberty Salon K

*Student Reasoning and Understanding in K-12 Mathematics Classrooms*

Time: 4:05-5:35 pm

Type: Roundtable Session

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

***SATURDAY, APRIL 9***

*Preservice Teachers' Learning to Teach Mathematics*

Time: 8:15-10:15 am

Type: Paper Session

Place: Marriott Marquis, Level Two, Marquis Salon 9

*Classroom Interventions and Student Mathematics Learning*

Time: 10:35-12:05 pm

Type: Paper Session

Place: Marriott Marquis, Level Two, Marquis Salon 17

*Mathematics Teachers' Knowledge and Learning*

Time: 10:35-12:05 pm

Type: Roundtable Session

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

*Confronting Racial Inequalities in Mathematics Education*

Time: 12:25-1:55 pm

Type: Roundtable Session

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

*Language Use and Mathematics Learning*

Time: 12:25-1:55 pm

Type: Roundtable Session

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

*Mathematics Curriculum Enactment and Policy*

Time: 12:25-1:55 pm

Type: Roundtable Session

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

*Beginning Mathematics Teaching*

Time: 2:15-3:45 pm

Type: Symposium

Place: Marriott Marquis, Level Two, Marquis Salon 10

*Research on Mathematics Teacher Knowledge and Instructional Quality*

Time: 4:05-6:05 pm

Type: Paper Session

Place: Marriott Marquis, Level Two, Marquis Salon 14

*Research and Mathematics Education SIG Posters*

Time: 4:05-5:35 pm

Type: Poster Session

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

*Research in Mathematics Education SIG Business Meeting: Membership Meeting*

Time: 6:15-8:15 pm

Type: Business Meeting

Place: Marriott Marquis, Level Two, Marquis Salon 8

### ***SUNDAY APRIL 10***

*Promoting Discourse in Mathematics Classrooms*

Time: 10:35-12:05 pm

Type: Paper Session

Place: Marriott Marquis, Level Two, Marquis Salon 16

*Preparing Preservice Teachers for Ambitious and Equitable Mathematics Teaching*

Time: 2:45-4:15 pm

Type: Symposium

Place: Marriott Marquis, Level Four, Liberty Salon L

### ***MONDAY, APRIL 11***

*Formative Intervention Research to Enhance Equitable Mathematics Teaching: Lesson Learned From Multiple Data Sources*

Time: 7:45-9:45 am

Type: Symposium

Place: Marriott Marquis, Level Two, Marquis Salon 17

*Mathematics E-Textbooks and Digital Curriculum Resources: Their Design, Use, and Interactivity for Teachers and Students*

Time: 10:00-11:30 am

Type: Symposium

Place: Marriott Marquis, Level Three, Chinatown

*Middle School Mathematics Teachers' Common Core State Standards for Mathematics Interpretations and Enactments: Complementary Findings From Multiple Instruments*

Time: 11:45-1:15 pm

Type: Symposium

Place: Marriott Marquis, Level Three, Union Station

*Broadening What Counts as Mathematics in Mathematics Education*

Time: 2:45-4:15 pm

Type: Symposium

Place: Marriott Marquis, Level Three, Union Station

*Secondary and Postsecondary Mathematics Conceptions and Understanding*

Time: 2:45-4:15 pm

Type: Roundtable Session

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

*A Behind-the-Scenes Look at Effective Video-Based Professional Development*

Time: 4:30-6:00 pm

Type: Symposium

Place: Marriott Marquis, Level Two, Marquis Salon 17

## ***TUESDAY, APRIL 12***

*Preservice Mathematics Teachers' Knowledge and Understanding*

Time: 8:15-9:45 am

Type: Roundtable Session

Place: Convention Center, Level Three, Ballroom A

*Students' Understanding of Functions and Algebra*

Time: 10:35-12:05 pm

Type: Roundtable Session

Place: Convention Center, Level Three, Ballroom A

*Problem-Disciplined Practice-Based Inquiry for Improving Mathematics Teaching and Learning: Plan-Do-Study-Act-Cycles as Tools for Improvement*

Time: 12:25-1:55 pm

Type: Symposium

Place: Marriott Marquis, Level Four, Liberty Salon K

## NCTM 2016 Research Conference Information

The Research Conference is sponsored by the NCTM Research Committee and the SIG/RME. The 2016 NCTM Research Conference will be held on April 11-13 in San Francisco at the Moscone Convention Center.

The NCTM Research Conference 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.

The **Opening Session** will be on Monday April 11 from 5:30-7:00 p.m. in Moscone Center Rooms 3001/3003/3005. **Cindy Langrall** will share insights she has gained as the editor of JRME in the keynote address entitled, *JRME: A Tale of Unicorns, Mastodons, and Arts*.

The **Plenary Session** will be on Wednesday, April 13 at 10:00 am in Moscone Center Rooms 3001/3003/3005. **Brent Davis** from the University of Calgary (Alberta, CA) will present a talk entitled *How Research into Second-Language Learning Might be Useful To Mathematics Educators*.

A **Research Conference Reception** will take place in conjunction with the Poster Session on Tuesday, April 12 from 5:00-6:00 pm.

**Concurrent Sessions**, including interactive paper sessions, discussion sessions, brief research reports and research symposia run from 8:30 a.m. to 6:00 p.m. on Tuesday, April 12, and from 8:30 a.m. to 4:00 p.m. on Wednesday, April 13. Wednesday sessions will be open to anyone registered for the 2016 NCTM Annual Meeting.

The final program for the NCTM Research Conference is also accessible through NCTM's online conference planner at <http://www.nctm.org/rc-session-types/>. Also consider downloading the NCTM Research Conference app. Available now!  
<http://nctm.org/CONFAPP>

Registration for the Research Conference is currently available through NCTM's website at <http://www.nctm.org/Conferences-and-Professional-Development/Research-Conference/Registration/>.

## 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. Also check our facebook page ([SIG/RME facebook](#)) for information related to SIG/RME.

If you have any information you think should be posted on the SIG/RME website, please contact Meghan Shaughnessy at [mshaugh@umich.edu](mailto:mshaugh@umich.edu).

The SIG/RME Membership Directory is available on the SIG/RME website. **(The user ID is math, and the password is SIGRME.)**

## Membership Dues and Contact Information

Remember to renew your SIG/RME membership when you renew your AERA membership. SIG/RME dues are processed by AERA, making membership periods the same for both AERA and the SIG. All SIG-RME members must also be active members of AERA.

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

## Important Dates

### 2016

April 8-12

AERA Annual Meeting in Washington, DC (<http://www.aera.net>)

April 11-13

NCTM Research Conference in San Francisco, CA (<http://www.nctm.org>)

April 13-16

NCTM Annual Meeting in San Francisco, CA ([www.nctm.org](http://www.nctm.org))

November 3-6

PMENA-38 Annual Meeting in Tucson, AZ (<http://pmena2016.org>)

### 2017

February 9-11

AMTE Annual Conference in Orlando, FL (<http://amte.net>)



## Call for Distinguished Scholar Award Nominations

The Special Interest Group for Research in Mathematics Education (SIG/RME) of AERA invites nominations for the Distinguished Scholar Award, to be presented at AERA 2017. This award recognizes and celebrates the programmatic research of a distinguished 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 has been grounded empirically and has contributed to the theoretical development of the field;
- developed the research capacity of the field, as attested to by the existence of a “school of thought” or intellectual heritage whose constructs and results are used regularly by others.

One or more of the following additional 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.

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

Nomination packets must include the following:

1. A letter of nomination (no more than 500-words) proposing the name of the nominee and describing the grounds on which the nominee meets the requirements for the award;
2. A list of no more than 5 significant publications representing the contributions described;
3. A current copy of the nominee’s CV;
4. 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.

The nomination packet must be received by May 15, 2016. Electronic submissions to Imani Masters Goffney ([igoffney@Central.UH.EDU](mailto:igoffney@Central.UH.EDU)) are required.

An awards committee composed of the past senior co-chair, a retired scholar in mathematics education, the previous award recipient, and two active members of SIG/RME who are senior scholars will decide on the award. The current senior co-chair is an ex-officio member of the Distinguished Scholar Selection Committee. The awardee will be invited to deliver the SIG/RME invited address at AERA 2017.