Winter 2018 Newsletter

SIG-RME Executive Board

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University of Nebraska-Lincoln
Teachers Development Group – West Linn, OR
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Early Career Publication Award

The 2018 SIG-RME Early Career Publication Award Selection Committee received several nominations, and the nominees (and their publications) this year were outstanding. As such, the review committee has selected two recipients for this year’s award. In particular, the committee was impressed with the quality of the research and writing for both of these manuscripts, as well as the broad and significant impact these manuscripts will have on the field of mathematics education. The two award winners are: Dr. Maisie Gholson (University of Michigan-Ann Arbor) and Dr. Luis Leyva (Vanderbilt University).


Congratulations to both of these deserving scholars! Please join us in honoring them at the SIG-RME meeting at the 2018 AERA Conference in New York City!

Nominations for Graduate Student Representative

Nominations are sought for a (non-voting) Graduate Student Representative to serve for two years on the SIG-RME board, starting May 2018. This representative is intended to serve and represent fellow graduate student members of the SIG-RME in the American Educational Research Association (AERA). Duties of the Graduate Student Board member include:

- Participate in the SIG-RME Board meetings
- Support the SIG-RME Co-Chair with development of the AERA Annual Meeting program
- Plan and facilitate graduate student programs during the AERA Annual Meeting as well as the SIG-RME Business Meeting/Reception
- Help in the selection of the incoming SIG-RME Graduate Student Representative for the following year
- Design and disseminate announcements for upcoming programs and networking opportunities

Enrolled graduate student members of SIG-RME and AERA at large who can maintain this status for two consecutive years are eligible to serve as SIG-RME Graduate Student Representatives. Interested graduate students should submit an application package consisting of a curriculum vita and a 300-word statement on qualifications in carrying out the representative duties (including expected date of graduation) to Kristy Litster, at chemile@hotmail.com by April 30, 2018. Please disseminate this call to eligible graduate
students. The duties of the graduate student representatives are listed in the bylaws online: http://sigrme.org/bylaws/.

AERA 2018: SIG-RME Information
April 13 – April 17, 2018
New York City, NY
http://www.aera.net/Events-Meetings/Annual-Meeting

The 2018 AERA Annual Meeting will be held Friday, April 13 - Tuesday, April 17, 2018, in New York City, NY. The theme is “The Dreams, Possibilities, and Necessity of Public Education.”

The SIG-RME Membership Meeting and Reception will be held on Saturday, April 14, 6:15-8:45 PM, in the Parker New York, Third Floor, Mirus Room. This year’s meeting has a unique format. We will hold two special events: a panel discussion on the new Compendium, and a pop-up session on current events in the field. Between these events there will be a reception with light hors d'oeuvres and drinks, and the meeting will conclude with items of business. Please take note of the schedule as we will begin promptly at 6:15:

6:15-6:30: Opening Comments & Early Career Publication Awards
6:30-7:15: Panel Discussion: Compendium
7:15-7:45: SIG-RME Reception
7:45-8:30: Pop-up Session
8:30-8:45: Business Meeting: AERA Program, Financial Report, Board Activities

The Panel Discussion: Compendium will focus on the new Compendium for Research in Mathematics Education. Participants will include the Compendium’s editor, Dr. Jinfa Cai, as well as Compendium Advisory Board Members: Drs. Beth Herbel-Eisenmann, Eric Knuth, Danny Bernard Martin, and Sarah Lubienski (panel moderator). They will briefly discuss key decisions made during the planning of the Compendium, along with some interesting shifts in the field since the first and second Handbooks of Research in Mathematics Education. Comments and questions from all SIG-RME members will be welcome!

The Pop-up Session will focus on current events in mathematics education that have “popped up” since the last annual meeting of SIG-RME, namely the attacks on the scholarship of members of our community. We will facilitate a discussion about recent attacks on members of our community whose scholarship critiques racism, sexism, and other systems of oppression as they intersect with mathematics education. The discussion will be an opportunity for building community awareness and resources for action, and we look forward to participation from SIG members with diverse backgrounds, experiences, and interests.

If you are unable to attend but have an item for discussion at the business meeting, please send the item to Ruth Heaton (ruth.heaton@teachersdg.org) and we will try to address it at the meeting.
SIG-RME Presentations Schedule at AERA

FRIDAY, APRIL 13

Studying Early Career Elementary Teachers’ Instruction at Scale: Factors Related to Planning and Teaching Mathematics
Time: 2:15-3:45 pm
Type: Symposium
Place: The Parker, Third Floor, Mirus Room

Deconstructing Critical-Radical Mathematics Teaching Practice: A Workshop for Exploring the Teaching of Social Justice Pedagogues Through Video Artifacts
Time: 4:05-6:05 pm
Type: Workshop
Place: The Parker, Third Floor, Mirus Room

SATURDAY APRIL 14

Exploring Equity in the Context of Mathematics Teacher Education Practice: A Town Hall Discussion
Time: 8:15-10:15 am
Type: Symposium
Place: The Parker, Third Floor, Tansa 1 Room

Responding to Student Thinking in Secondary Mathematics Classrooms: Studying and Supporting Teaching Practice
Time: 12:25-1:55 pm
Type: Symposium
Place: The Parker, Third Floor, Tansa 1 Room

The Challenges and Successes of Conducting Large-Scale Educational Research
Time: 2:15-3:45 pm
Type: Structured Poster Session
Place: Sheraton New York Times Square, Second Floor, Central Park East Room

The Promise and Pitfalls of Mathematics Coaching: New Evidence Regarding Coaching Practices and Their Impact
Time: 2:15-3:45 pm
Type: Symposium
Place: The Parker, Third Floor, Tansa 1 Room

Dealing with Diverse Discourses (3D): Can We Build on Each Other’s Research Contributions?
Time: 4:05-6:05 pm
Type: Symposium
Place: The Parker, Third Floor, Mirus Room

*Research in Mathematics Education SIG Business Meeting*
Time: 6:15-9:00 pm
Type: Business Meeting
Place: The Parker, Third Floor, Mirus Room

*Research in Mathematics Education SIG Business Meeting: Membership Meeting*
Time: 6:15-7:45 pm
Type: Business Meeting
Place: Parker New York, Third Floor, Mirus Room

**SUNDAY, APRIL 15**

*Understanding Math Teaching and Learning from Multiple Perspectives*
Time: 8:15-9:45 am
Type: Roundtable Session
Place: New York Hilton Midtown, Third Floor, Trianon Ballroom
In Event: Hilton Roundtable Session 7

*Understanding Young Children’s Mathematical Learning*
Time: 8:15-9:45 am
Type: Roundtable Session
Place: New York Hilton Midtown, Third Floor, Trianon Ballroom
In Event: Hilton Roundtable Session 7

*Data Analysis as a Topic for Instruction and a Means for Understanding Math Teaching and Learning*
Time: 10:35 am-12:05 pm
Type: Paper Session
Place: The Parker, Third Floor, Mirus Room

*Roundtable with the JRME Journal Editor, Jinfa Cai*
Time: 10:35 am-12:05 pm
Type: Meet Journal Editors
Place: New York Hilton Midtown, Third Floor, Rendezvous Trianon

*Venturing the Terrains of Mathematics Identities: Theoretical Perspective on Participation and Inclusion in Mathematics Education*
Time: 2:15-4:15 pm
Type: Symposium
Place: The Parker, Third Floor, Tansa 1 Room

**MONDAY, APRIL 16**
Access and Identity in Math Teaching and Learning  
Time: 10:35 am-12:05 pm  
Type: Paper Session  
Place: The Parker, Third Floor, Mirus Room

Analyzing Teachers’ Responses to Student Mathematical Contributions During Whole-Class Interactions: Goals, Grain Sizes, and Coding Schemes  
Time: 12:25-1:55 pm  
Type: Symposium  
Place: The Parker, Third Floor, Mirus Room

Understanding Students’ Thinking in Math Classrooms  
Time: 12:25-1:55 pm  
Type: Roundtable Session  
Place: New York Hilton Midtown, Third Floor, Trianon Ballroom  
In Event: Hilton Roundtable Session 12

“Bold Problem Solving” and Spatial Skills: Two Important Constructs for Gender Equity in Mathematics Education  
Time: 2:15-3:45 pm  
Type: Symposium  
Place: The Parker, Third Floor, Mirus Room

Research in Mathematics Education SIG Poster Session  
Time: 4:05 pm  
Type: Poster Session  
Place: Exhibit Hall  
In Event: Poster Session 16

**TUESDAY, APRIL 17**

Culture and Power in Diverse Mathematics Classrooms  
Time: 8:15-9:45 am  
Type: Roundtable Session  
Place: New York Hilton Midtown, Third Floor, Trianon Ballroom  
In Event: Hilton Roundtable Session 18

Influences on the Secondary Mathematics Classroom  
Time: 8:15-9:45 am  
Type: Roundtable Session  
Place: New York Hilton Midtown, Third Floor, Trianon Ballroom  
In Event: Hilton Roundtable Session 18

Pre-K and Elementary Students’ Mathematical Reasoning Processes  
Time: 8:15-9:45 am  
Type: Roundtable Session
NEW THIS YEAR! SIG-RME is organizing a set of AERA events for doctoral students and early-career scholars (within their first few years of graduation). To provide a range of networking opportunities, we are offering two options:

- Option 1 – Saturday April 14 (after SIG meeting) Informal Dinner/Snacks/Cocktails in Small Groups
- Option 2 – Sunday April 15 (6:30 pm) Large Group Dinner at Planet Hollywood, 1540 Broadway

Although the initial deadline for reservations has passed, anyone who missed the initial announcement may be able to join if space is available. Interested doctoral students and early-career scholars should contact either Kristy Lister, SIG RME Graduate Student Representative (chemile@hotmail.com) or Dr. Sarah Lubienski, SIG RME Co-Chair (stlubien@iu.edu).

NCTM 2018 Research Conference Information
http://www.nctm.org/researchconf/

The Research Conference 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 Conference this academic year will be held in Washington, DC, April 23-25, 2018.

The NCTM Research Conference brings researchers together to discuss current issues in mathematics education, receive feedback on their work, and benefit from exposure to alternative points of view. The Research Conference is also 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 with veteran researchers in the field.

There were 305 proposals submitted for the NCTM Research Conference, including 176 Research Reports, 25 Research Symposia, 45 Discussion Sessions, and 59 Poster Sessions.
Of these, 187 proposals were accepted for an overall acceptance rate of 61%. The program committee reclassified some sessions.

The **Opening Session** will take place on Wednesday, April 23rd at 5:30 p.m. with Della B. Cronin (Bose Washington Partners) and James Brown (STEM Education Coalition & Bose Washington Partners) speaking on *You, Advocacy, and Policy & Legislation Inside the Beltway*.

The **Plenary Session** will be on Wednesday, April 25th at 9:30 a.m. with Drs. Erika Bullock (University of Wisconsin-Madison) and Gregory Larnell (University of Illinois-Chicago) speaking on *Unpacking the "Urban" in Urban Mathematics Education*.

A **Research Conference Reception** will take place in conjunction with the Poster Sessions on Tuesday, April 24 from 4:30 to 6:00 p.m. There will be concurrent sessions from 8:30 a.m. to 6:00 p.m. on April 24th, and from 8:00 a.m. to 4:15 p.m. on April 25th. Wednesday sessions will be open to anyone registered for the 2018 NCTM Annual Meeting.

The final program for the NCTM Research Conference is available through NCTM’s website at [http://www.nctm.org/researchconf](http://www.nctm.org/researchconf)

**SIG-RME Website**

Please check our website at [http://sigrme.org](http://sigrme.org) and our Facebook page 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 Katherine Lewis at sigrmeweb@gmail.com.

The SIG-RME Annual Membership Directory is available on the AERA website ([www.aera.net](http://www.aera.net)). Once you login to your AERA account, you can find the directory under “Member Resources”.

**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

2018

April 13-17
AERA Annual Meeting in New York, NY (http://www.aera.net)

April 23-25
NCTM Research Conference in Washington, DC (http://www.nctm.org)

April 25-28
NCTM Annual Meeting in Washington, DC (www.nctm.org)

November 15-18
PMENA-39 Annual Meeting in Greenville, SC (http://www.meetabout.org/2018pmena/)

2019

February 7-9
Association of Mathematics Teacher Educators (AMTE) Annual Meeting in Orlando, FL (http://www.amte.net)