



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

**Winter 2010 Newsletter**

**SIG/RME Executive Board**

**Co-Chairs**

James Middleton  
Arizona State University  
2008-2010

Arthur B. Powell  
Rutgers University  
2009-2011

**Treasurer**

Amanda Jansen  
University of Delaware  
2008-2010

**Communications**

Despina Stylianou  
The City University of New York  
2009-2011

**Electronics**

Indigo Esmonde  
OISE, University of Toronto  
2009-2011

**Awards**

Corey Drake  
Iowa State University  
2008-2010

**Events**

Jeffrey Shih  
University of Nevada, Las Vegas  
2009-2011

**What's Inside**

SIG/RME Election Results	p. 2
NCTM Research Pre-Session Information	p. 3
AERA Information	p. 4
SIG/RME Website	p. 7
Membership Dues & Contact Information	p. 7

**SIG/RME Election Results**

*Congratulations to the newly elected officers!*

*Co-chair*

Jinfa Cai

University of Delaware

*Awards Board Member*

Joanne Lobato

San Diego State University

*Secretary-Treasurer*

Tonya Gau-Bartell

University of Delaware

We appreciate their willingness to serve SIG/RME the next two years. We extend our thanks to outgoing board members James Middleton, Amanda Jansen and Corey Drake.

## 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 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. It will be held in San Diego, California, April 19-21, 2010.

**Opening session** is Monday, April 19<sup>th</sup> at 7pm. There will be **concurrent sessions** from 8:30am to 6:00pm on Tuesday, April 20<sup>st</sup>, and from 8:30am to 4:45pm on Wednesday, April 21<sup>st</sup>.

A **plenary session** on Wednesday morning, April 22, will highlight the theme, Linking Research and Practice. Sessions including individual papers, research symposia, and work sessions will be scheduled, allowing members of the National Council of Supervisors of Mathematics (NCSM) and other practitioners interested in research to attend. These sessions will focus on the interface between practice and research.

## **AERA Annual Meeting**

The 2010 AERA Annual Meeting will be held Friday, April 30, through Tuesday, May 4, in Denver, Colorado. The theme is *Understanding Complex Ecologies in a Changing World*.

There were 140 proposals submitted to SIG/RME; 14 for Symposium Proposals and 123 Individual Paper proposals fit the requirements. Hence, SIG/RME received an allocation of 14 sessions for papers or symposia, 27 sessions for Roundtables or Poster sessions, as well as our annual Business Meeting. Eight of the symposia (57%) and 59 of the paper proposals (48%) were accepted. Thirty-two papers were rated 4 or higher and were assigned to paper sessions and the remaining 27 that were rated between 3 and 4 were assigned to poster or roundtable sessions.

### **SIG/RME Schedule**

#### ***SIG/RME Business Meeting and Reception***

Time: Sat, May 1 - 6:15pm - 8:15pm

Place: Colorado Convention Center, Korbel Ballroom 1 ABC

Chair: James Middleton

Performance piece created by Mary Q. Foote and Tonya G. Bartell, entitled "Where ever you go, there you are: Bringing experiences to research on equity in mathematics education".

#### **Sessions:**

##### **- Attending to Issues of Equity in District Designs for Improving Middle School Mathematics Instruction**

Session Submission type: Symposium

Time: Fri, Apr 30 - 12:00pm - 1:30pm

Place: Colorado Convention Center, Room 605

##### **- Documenting and Measuring Opportunities to Learn Mathematics**

Session Submission type: Symposium

Time: Fri, Apr 30 - 4:05pm - 5:35pm

Place: Colorado Convention Center, Room 108

##### **- Engagement, Norms, and Inclusion in Mathematics Classrooms**

Session Submission type: Paper Session

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

Place: Colorado Convention Center, Room 401

##### **- Equity and Discourse in Mathematics Classrooms: A Focus on Students**

Session Submission type: Symposium

Time: Sat, May 1 - 4:05pm - 5:35pm  
Place: Colorado Convention Center, Room 407

**- Iterative Model Building: Researching How to Prepare Quality Teachers and How to Measure Teacher Quality**

Session Submission type: Symposium  
Time: Sun, May 2 - 10:35am - 12:05pm  
Place: Colorado Convention Center, Room 608

**- Learning and Understanding of Mathematical Concepts and Teaching**

Session Submission type: Paper Session  
Time: Mon, May 3 - 10:35am - 12:05pm  
Place: Colorado Convention Center, Room 201

**- Mathematics Learning Across Home and School: The Role of Perceptions, Practices, and Cultural**

Session Submission type: Symposium  
Time: Sun, May 2 - 12:25pm - 1:55pm  
Place: Colorado Convention Center, Room 407

**- Mathematics Professional Development: Teaching, Teachers, and Administrators**

Session Submission type: Paper Session  
Time: Mon, May 3 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 205

**- Researching Curricular Effectiveness: Insights From a 3-Year Longitudinal Study of the Impact of Secondary-School Mathematics Curricula**

Session Submission type: Symposium  
Time: Mon, May 3 - 8:15am - 9:45am  
Place: Colorado Convention Center, Room 205

**- Researching Mathematics Curriculum and Teaching: Tasks, Methods, and Results**

Session Submission type: Paper Session  
Time: Mon, May 3 - 4:05pm - 5:35pm  
Place: Colorado Convention Center, Room 708

**- Results of Large-Scale Assessments of Mathematical Learning and Course Taking**

Session Submission type: Roundtable Session  
Time: Fri, Apr 30 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 109, 111, 113

**- Student Learning in Mathematics and Design of Learning Tasks**

Session Submission type: Paper Session  
Time: Sun, May 2 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 708

**- Studies of Curricular Implementation and Problem Solving in Mathematics**

Session Submission type: Poster Session  
Time: Sat, May 1 - 8:15am - 9:45am  
Place: Colorado Convention Center, Korbel Ballroom 3

**- Studies of Discourse and Student Learning in Mathematics**

Session Submission type: Roundtable Session  
Time: Fri, Apr 30 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 109, 111, 113

**- Studies of Equity in Mathematics Curriculum and Teaching**

Session Submission type: Roundtable Session  
Time: Fri, Apr 30 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 109, 111, 113

**- Studies of Mathematics Teacher Knowledge in Pre- and In-Service Contexts**

Session Submission type: Roundtable Session  
Time: Fri, Apr 30 - 4:05pm - 5:35pm  
Place: Colorado Convention Center, Room 109, 111, 113

**- Studies of Student Learning in Mathematics**

Session Submission type: Roundtable Session  
Time: Fri, Apr 30 - 4:05pm - 5:35pm  
Place: Colorado Convention Center, Room 109, 111, 113

**- Teacher Knowledge: Influences and Impact**

Session Submission type: Paper Session  
Time: Tue, May 4 - 2:15pm - 3:45pm  
Place: Colorado Convention Center, Room 708

**- Unpacking Mathematical Understanding**

Session Submission type: Symposium  
Time: Tue, May 4 - 8:15am - 9:45am  
Place: Colorado Convention Center, Room 708

**- Video Analysis as a Method for Developing Preservice Teachers' Beliefs About Teaching and Their Understanding of Children, Pedagogy, and Assessment**

Session Submission type: Symposium  
Time: Tue, May 4 - 10:35am - 12:05pm  
Place: Colorado Convention Center, Room 703

## **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 Annual 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 Indigo Esmonde at [indigo.esmonde@utoronto.ca](mailto:indigo.esmonde@utoronto.ca).

A new SIG/RME Annual Membership Directory is now 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.

## **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. 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.