



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

Winter 2005 Newsletter

SIG/RME Executive Board

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2003-2005

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Election Results

Congratulations to the newly elected officers:

Co-Chair

Mike Shaughnessy
Portland State University

Recording Secretary

Maria Blanton
University of Massachusetts Dartmouth

Electronic Communications Secretary

Karen Hollebrands
North Carolina State University

Steering Committee

Janine Remillard
University of Pennsylvania

We appreciate their willingness to serve the organization for the next two years. We extend our thanks to outgoing officers Randy Philipp, Nancy Mack, Cengiz Alacaci, and Patricio Herbst for their leadership and service to SIG/RME the past two years.

Early Career Award Recipient

The Special Interest Group for Research in Mathematics Education announces the award of the 2005 Early Career Publication Award to Dr. Wanda Nabors. Dr Nabors received her Ph.D. in mathematics education in 2000 from the University of Georgia, under the direction of Professor Leslie Steffe. She is now an Assistant Professor of Mathematics Education at the University of North Carolina at Charlotte.

The Early Career Publication Award is given to Dr. Nabors as a recognition of the outstanding qualities of her article entitled *From Fractions to Proportional Reasoning: A Cognitive Schemes of Operation Approach*, published in 2003 in *The Journal of Mathematical Behavior*, 22(3), pp. 133-179. The paper by Dr. Nabors focuses on the development of four seventh-grade students' proportional reasoning as they participated in a constructivist teaching experiment. She traces changes in the students' cognitive schemes as they solved various proportional reasoning problems, noting in particular the influence the students' fractional reasoning had on the development of their proportional reasoning. The award committee was especially impressed with the fine-grained analysis of the students' reasoning, as well as the clarity with which the complexity of the students' reasoning was communicated.

Congratulations Dr. Nabors!

Thank You!

Thank you to Laurie Martinie, Jan Kuzee, Tina Visser, P. J. White, Jennifer Campau, Megan Timmons, and Joshua Trzinski of the Department of Mathematics at Grand Valley State University for the assistance they provided the past two years with tasks related to the mailing of the SIG/RME newsletters. Their help was invaluable and greatly appreciated.

International Mathematics Curriculum Conference

The Center for the Study of Mathematics Curriculum is hosting its First International Mathematics Curriculum Conference, November 11-13, 2005 at the University of Chicago. The conference will focus on the design and development of K-12 mathematics curricula in Asian Pacific Rim countries. It will feature ministry officials and textbook authors from China, Japan, Korea, and Singapore, as well as reactors from the United States. There will be panels and other opportunities for attendees to interact with speakers.

Registration for the conference is limited. Detailed information about registration is available at <http://www.mathcurriculumcenter.org/InternationalConference>.

Important SIG/RME Changes to Note!

Newsletter Changes: Beginning with the next SIG/RME newsletter, Summer 2005, members will no longer receive a hard copy of the newsletter through U. S. mail unless they specifically request the hard copy. The newsletter will be available through the SIG/RME website. Each time a newsletter is posted, members will receive an email informing them of the newsletter's availability. Members can read the newsletter on-line or download it to have a hard copy.

Membership Directory Changes: Beginning with the 2006 SIG/RME Annual Membership Directory, members will no longer receive a hard copy of the directory unless a specific request is made for the hard copy. As with the newsletter, members will be notified through email when the Annual Directory is available on the SIG/RME website.

Requests for Hardcopies: Any member who would like to receive the SIG/RME newsletter and/or Annual Membership Directory in hard copy form rather than electronically should contact Rose Mary Zbiek at rmz101@psu.edu.

NCTM Research Pre-Session Information

The NCTM Research Pre-Session will be held at the Hilton Anaheim Hotel in Anaheim, California April 4-6, 2005. The opening session speaker will be Rochelle Gutierrez. Her talk is titled *Organizing for Advancement: Can Teacher Communities Foster Equity?* The closing session speakers are Megan Loeffler and Margaret S. Smith. Their talk is titled *The Relationship Between Research and Practice: Mapping Out the Terrain*.

The *Research Pre-session Program* can be viewed or downloaded through NCTM's website at <http://www.nctm.org/meetings/anaheim/research.htm>.

Pre-registration for the Research Pre-Session ended March 1, 2005. On-site registration will be available in the Pacific Foyer (Ballroom Level) of the Hilton Anaheim. There is no extra cost for on-site registration. The registration cost is \$70.00 for the entire pre-session, \$35.00 for the Monday opening session and Tuesday sessions only, and \$35.00 for student registration.

Graduate Students to Meet at the NCTM Research Pre-Session

At the 2004 Annual Meeting in Pennsylvania, the SIG/RME Board together with the NCTM Research Committee sponsored a graduate student session held on Tuesday afternoon. Many attended and the consensus was that the session was useful to graduate students. In response to the demand, a graduate student session has been scheduled for the 2005 Annual Meeting in Anaheim on Tuesday afternoon. Faculty representatives from the SIG/RME Board and the NCTM Research Committee will attend the meeting and act as mentors and supporters of the discussions. At the 2004 meeting, several other faculty attended the session, and their presence was well received by the students. We encourage interested faculty to attend the 2005 session!

AERA Information

The Annual Meeting of AERA will be held in Montreal, Canada April 11-15, 2005. The SIG/RME invited speaker is Courtney Cazden. Her talk, which will be given on Thursday, April 14 (12:25 – 1:55 p.m.) is titled *The Significance Across the Curriculum of Discourse Research in Mathematics Classrooms*.

In addition to the invited speaker session, the SIG/RME 2005 program will consist of 6 symposia sessions, 4 paper sessions, 5 roundtable sessions each with 5 paper discussions, and our annual Business Meeting. Details about SIG/RME sponsored sessions (titles, of presentations, names of presenters, dates and times, etc.) can be viewed on-line through our website at <http://www.sigirme.org/xaerasess.htm>.

Information related to all AERA sessions is available in the Annual Meeting Program, which can be viewed on-line through AERA's website at <http://www.aera.net>.

The Business Meeting will be held Tuesday, April 12 at 6:15 p.m. Please try to attend the Business Meeting as we hope to discuss some important issues (including the senior scholar award, described below).

If you are planning to travel to the Annual Meeting from outside of Canada, remember to secure a passport. Trying to obtain a passport at the last minute is both stressful and expensive, and in certain situations a person's best efforts to accomplish this goal just prior to a trip end up being unsuccessful! If you already have your passport, be sure to take it with you. Leaving your passport at home is not much different from not having a passport at all.

AERA's website has valuable information regarding travel to the Annual Meeting. The link to this page is: <http://www.aera.net/annualmeeting/?id=291>.

Pre-registration for the Annual Meeting ends March 11, 2005. On-site registration will be available at the Marriott Montreal Chateau Champlain.

Senior Scholar Award Update

For the past several months, SIG/RME invited nominations for the newly created *Senior Scholar Award*. To read a description of this award, please see the Summer and Fall 2004 newsletters or the website description at <http://www.sigrme.org/announce/SeniorSa.htm>. The Executive Board assembled the award committee and extended the deadline for the submission of nominations. However, the SIG/RME received no nominations for the Senior Scholar Award.

The SIG/RME Executive Board plans to propose a modification of the Senior Scholar Award nomination process at the Annual Business Meeting (scheduled for Tuesday, April 12, 6:15 - 7:45 p.m.). The Board would like to propose a simplification to the process. Any comments about the process will be welcome at the Business Meeting. If you cannot attend the Business Meeting and would like to share a thought about the Senior Scholar Award, please send an e-mail to Randy Philipp at RPhillip@mail.sdsu.edu.

Membership Dues & Contact Information

A few years ago, a change occurred in our membership policy as dictated by AERA. You now renew your SIG/RME membership when you renew your AERA membership. (Download the form at <http://www.aera.net/member/SIGrenewalform.rtf>.) This way, all funds are processed by AERA, and your membership dates are always the same. Therefore, membership expiration dates no longer appear on the mailing labels of SIG/RME publications.

If you wish to be only a member of SIG/RME and not AERA, download the membership form from the SIG/RME web site, and send it

to Rose Mary Zbiek with your dues. If you are currently a member of SIG/RME but not AERA and are unsure of your membership expiration date, please contact Rose Mary Zbiek.

It is important to note that slots on the AERA Annual Meeting program are allocated to our SIG based on the number of people who are members of both SIG/RME and AERA. Therefore, we strongly encourage you to be a member of both organizations.

If your mailing address or other contact information is incorrect, please use the form at the end of this newsletter to send corrections to Rose Mary Zbiek.

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 Cengiz Alacaci at alacaci@fiu.edu.

Address Correction Requested!

If your newsletter did not reach you at the correct address, please e-mail Rose Mary Zbiek (rmz101@psu.edu) with updated information, or mail the form below to her. If any of your contact information has changed since the last SIG/RME directory (e-mail address, phone number, etc.), please provide corrected information.

Please update my information!

Name _____

Institution _____

Mailing Address _____

Phone Number _____ Fax Number _____

e-mail Address _____ AERA Member Number _____

All SIG/RME members will receive the newsletter electronically. The Annual Membership Directory will be available electronically. *Please check the line only if you prefer to receive a paper copy of one or both documents.*

_____ Please mail me a hard copy of the newsletter.

_____ Please mail me a hard copy of the directory.

(This information will assist us with keeping our membership records accurate and up-to-date with AERA.)

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