



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

Summer 2004 Newsletter

SIG/RME Executive Board

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2003-2005

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2004-2006

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What's Inside

SIG/RME 2004 Invited Address	p. 1
Call for Officer Nominations	p. 1
Call for AERA Proposals	p. 2
SIG/RME Website	p. 2
Call for Senior Scholar Nominations	p. 3
Call for Early Career Nominations	p. 4
Important Dates	p. 5
Minutes of Annual Meeting	p. 6
NCTM Pre-Session Call for Proposals	p. 14
Officer Nomination Form	p. 18

SIG/RME 2004 Invited Address Available

Etienne Wenger gave the 2004 SIG/RME Invited Address at the Annual Meeting of AERA in April. His talk, *Learning in Communities of Practice: A Journey of the Self*, is now available for download on the SIG/RME website.

Call for Officer Nominations

Nominations are being sought for the SIG/RME Executive Board positions of Co-Chair, Recording Secretary, Electronic Communications Secretary, and one Steering Committee Member for terms to run from April 2005 – April 2007. A nomination form is included at the end of this newsletter, or you may e-mail your nomination to Patricio Herbst at pg Herbst@umich.edu by **September 15, 2004**. 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 2005 AERA Annual Meeting will be held Monday, April 11, through Friday, April 15, in Montreal, Canada. The theme of the conference is: "Demography and Democracy in the Era of Accountability."

AERA has revised its electronic Annual Meeting management system again this year. The 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 submitted last year did not realize their submissions had not been appropriately received, and the co-chair has no way to recognize this situation.

Through AERA's Online Proposal Submission system, staggered opening and closing submission dates have been instituted. Opening dates for all SIGs are June 2, 2004. Please visit the URL <http://www.aera.net/meeting/05/> for details. (This URL also has the proposal requirements.)

All SIG proposals must be submitted electronically by 11:59 p.m. (Pacific Time) August 3, 2004.

Proposals submitted by fax, mail, and e-mail will **NOT** be accepted.

- If you submit a proposal through SIG/RME, please indicate whether another SIG or Division could co-sponsor it.
- If you are a member of SIG/RME and are willing to serve as a reviewer for AERA proposals, please send an email that includes your institutional affiliation to rphilipp@mail.sdsu.edu or use AERA's website to sign up as a reviewer for the SIG.

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 2004 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.

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 expirations 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.

Call for Senior Scholar Award Nominations

In the business meeting at AERA 2004, SIG/RME approved the creation of a senior scholar award, to be given biannually. The guidelines for this award have been posted on the SIG/RME website.

The Special Interest Group for Research in Mathematics Education (SIG/RME) of AERA invites nominations for the first issue of the Senior Scholar Award, to be presented at AERA 2006. 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 exemplar in regard to the following two basic criteria.

The nominee has

- designed and carried out programmatic research 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 whose constructs and results are used regularly by others.

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 to 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.

Nominations must include the following documents.

1. A letter of nomination co-signed by at least two mathematics education researchers who are members of SIG/RME. The letter should make a case for how the nominee's work exemplifies the two basic criteria by citing publications and giving examples. It can also explain how the additional qualities of his or her work strengthen the nomination.
2. A dossier containing an up to date CV for the nominee and the documentation and publications supporting the nomination letter. Testimonies from mentees or scholars from other fields can be included in the dossier.

The nomination packet should be sent to

Patricio Herbst
University of Michigan
1302C School of Education Building
610 East University Avenue
Ann Arbor, MI 48109-1259

All nomination packets must be received by **January 2, 2005**.

An awards committee composed of the senior co-chair, two retired scholars in mathematics education, and two active members of SIG/RME will decide on the award. The awardee will be expected to deliver the SIG/RME invited address at AERA 2006.

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 Andrew Izsák in 2004 (see Winter 2004 Newsletter).

The purpose of the Early Career Publication Award is to recognize an outstanding mathematics education research publication by an individual within five 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 Presession.

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 earlier than 5 years prior to the nomination deadline (e.g., no earlier than September 1999 for this year's nominations).

Nominations should include (and are restricted to) **2 copies** of the following items.

1. 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.)

2. A copy of the paper, including complete bibliographic information.
3. 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 committee consisting of the Steering Committee members and the Electronic Communications Secretary of the SIG/RME Executive Board. The decisions of that committee will be final. Please send nomination materials **by January 16, 2005** to

Eric Knuth
University of Wisconsin – Madison
Teacher Education Building
225 N. Mills Street
Madison, WI 53706

Important Dates

2004

- June 2 AERA Online Proposal Submission System will begin accepting all SIG proposals (Please check the AERA website for submission dates for all Divisions.)
(<http://www.aera.net/meeting/05/>)
- July 4-11 ICME-10 at Technical University of Denmark in Copenhagen, Denmark (<http://www.icme-10.dk>)
- July 14-18 PME International meeting at Bergen University College of Bergen, Norway (<http://www.pme28.org>)
- August 3 Deadline for AERA proposals submitted to all SIGs (Please check the AERA website for submission closing dates for all Divisions.)
(<http://www.aera.net/meeting/05/>)
- August 31 Deadline for NCTM Research Pre-Session proposals
(<http://www.nctm.org/meetings/>)
- September 15 Nominations for SIG/RME officers due to Patricio Herbst
(pgherbst@umich.edu)
- October 21-24 PME-NA at OISU/University of Toronto in Toronto, Canada
(<http://www.pmena.org>)

2005

- January 2 Nominations for Senior Scholar Award due to Patricio Herbst
- January 16 Nominations for SIG/RME Research Publication Award due to Eric Knuth
- January 27-29 Association of Mathematics Teacher Educators (AMTE) Annual Meeting in Dallas (<http://www.amte.net>)
- April 4-6 NCTM Research Pre-Session in Anaheim
(Note that this is a Monday, Tuesday, Wednesday.)
(http://www.nctm.org/about/committees/rac/rac_presession.htm)
- April 6-9 NCTM Annual Meeting in Anaheim
(<http://www.nctm.org/meetings/anaheim/index.htm>)
- April 11-15 AERA in Montreal (<http://www.aera.net>)

**Minutes of the SIG/RME Business Meeting
April 13, 2004
San Diego, CA**

Handouts

Agenda of Meeting
Minutes of 2003 meeting
Copy of the Bylaws
Copy of the draft of the Senior Scholar Award Description

The meeting was called to order at 6:30 p.m. by Senior Co-Chair Dan Chazan.

I. Approval of Minutes from the April 23, 2003 Business Meeting in Chicago, IL

Marty Simon moved to accept the minutes from the 2003 Business Meeting. The motion was seconded. The minutes were approved without discussion.

II. Reports of Activities

Ila. Treasurer's Report

Dan Chazan presented the report for Cindy Langrall, Treasurer. The Treasurer's Report appears in the table below. Because of difficulty Cindy experienced obtaining timely information about membership fees from the AERA Central Office, the income from SIG Memberships was only reported from 4/1/03 - 12/31/03. The Treasurer's Report was accepted.

**TREASURER'S REPORT
April 2004 – April 2005**

Balance 4/03			\$19400.00
Income			
	SIG Memberships (4/1/03 – 12/31/03)	\$3829.00	
			\$23229.00
Expenses	Annual Meeting 2003		
	Reception	\$997.29	
	Speaker Honorarium	\$500.00	
	Newsletters and Directory	\$3179.57	
	Early Career Award	\$558.85	
	Web Site	\$338.30	
	SIG Dues	\$150.00	
	Total Expenses	\$5724.01	
Balance 4/04			\$17505.00
Fidelity Money Market Account		\$3378.00	
Combined Balance 4/04			\$20883.00

IIb. Election Results and Thank You to Outgoing SIG Members

Dan welcomed the new SIG Board members, Judit Moschkovich (Co-Chair), Rose Zbiek (Treasurer), and Eric Knuth (Steering Committee). He noted the continuing members of the board are Randy Philipp (Co-Chair), Nancy Mack (Recording Secretary), Cengiz Alacaci (Electronics Communication Secretary), and Patricio Herbst (Steering Committee).

Randy Philipp thanked the outgoing officers, Dan Chazan (Senior Co-Chair), Cindy Langrall (Treasurer), and Vic Cifarelli (Steering Committee) for their diligent and thoughtful service to the community.

IIc. NCTM Research Pre-session Report

Randy Philipp presented the following data about submissions, acceptances, and rejections for the 2004 NCTM Research Pre-session to take place in Philadelphia, Pennsylvania from April 19-21, 2004.

2004 NCTM Research Pre-session Proposals							
	Symposia	Thematic	Work Session	Poster	TOTAL ¹	Poster*	TOTAL ²
Accepted	19	7	13	23	62	10	72
Denied	18	18	12	8	56		46
Total	37	25	25	31	118		118
	51.4%	28.0%	52.0%	74.2%	52.5%		61.0%

TOTAL¹: These are the totals for the proposals accepted or denied for the requested session.
Poster*: Ten proposals (symposia, thematic, or work sessions) were accepted as Poster sessions.
TOTAL²: These are the revised totals including the ten added poster sessions.

IIId. AERA Meeting

Dan Chazan provided a report of the AERA proposals, which is summarized in the table below.

2004 AERA SIG/RME					
	Symposia	Papers	TOTAL ¹	Roundtables*	TOTAL ²
Accepted	6	9	15	20	35
Denied	2	42	44		24
Total	8	51	59		59
	75.0%	17.6%	34.1%		59.3%

TOTAL¹: These are the totals for the proposals accepted or denied for the requested session.
Roundtables*: Twenty paper proposals were accepted as roundtable sessions.
TOTAL²: These are the revised totals including the 20 added poster sessions.

Dan added two comments about the new on-line proposal submission process:

1) He noted that many people had frustrating experiences with the website, and he wanted to assure them that this was common across divisions and SIGs. There had been much learning on the part of AERA that would make the process go more smoothly next year.

2) Dan noted that he addressed an issue about the number of allocated sessions with AERA. We are the largest SIG, by far, in AERA. Originally we were given too few sessions and we had to work that through.

IIe. Early Career Award Announcement

Patricio Herbst shared that we had 5 nominations representing 4 different journals. He commented that it was good to have so many nominees. The 2004 award was given to Andrew Izsák for the following article:

Izsák, A. (2003). "We want a statement that is always true": Criteria for good algebraic representations and the development of modeling knowledge. *Journal for Research in Mathematics Education*, 34(3), 191-227.

III. Continuing Business

IIIa. Early Career Award Bylaws

Dan Chazan explained that with the institution of the Early Career Award three years ago, the bylaws were never changed to reflect the new SIG/RME Board responsibility. He turned the floor over to Vic Cifarelli, the senior steering committee member, to lead a discussion of this issue.

Vic distributed copies of the proposed bylaw changes. He commented that he has noted much interest in the award during the past two years. He also noted that he thinks this is an award that will grow with the SIG/RME.

Vic asked for questions about the proposed bylaw changes and several issues were raised. A major issue raised was whether a person writing a book could be considered for the award. Issues discussed here were whether books are peer-reviewed, the existence of monographs, some of which are peer reviewed, and whether the committee could serve as the peer review in the process. Some members asked what other organizations do with respect to awards. Catherine Fosnot explained that AACTE previously ran an award in which people would submit papers and the winner was published in a journal. The Constructivist SIG runs an award like the SIG/RME Early Career Publication Award but it is not an early career award. Books or papers can be submitted for consideration to the Constructivist SIG.

Another issue raised concerned the wording of the first paragraph with respect to the number of publications that were to be considered. Some members suggested the first paragraph read as if one might have multiple publications considered. They also

suggested the language should be adjusted to reflect that the award is granted only on the basis of one article.

Randy Philipp moved that the terminology used to describe the award be “peer-reviewed journal article.” Marty Simon seconded the motion.

One member mentioned that she could think of two books written by authors early in their career that might qualify for the award, including Liping Ma’s book. Several members questioned how to determine whether the book is a research document. Some members suggested we keep the award for articles but create a new award for books. One member pointed out that Michelle Zandieh won the first award for an article that appeared in a journal, *CBMS Issues in Mathematics Education in 2000*, that some do not consider to be peer-reviewed. Another member suggested we not overly constrain the award and leave some discretion to the committee selecting the award.

Jere Confrey proposed a friendly amendment that read “peer-reviewed research publication.” Patricio Herbst seconded the friendly amendment. The amendment was approved by members in attendance.

A member pointed out that the language read as if the award had to be given every year, and there was concern in the event that the Board did not deem any article worthy of merit. The language was adjusted to read as if the award could be awarded every year.

A member made a friendly amendment to change “is” to “can” so that the award “*can* be made to the SIG...” The friendly amendment was unanimously approved by those in attendance.

Judy Sowder moved “that these be included in the by-laws with all the edits.” The motion was seconded. The motion was unanimously approved.

IIIb. *Contacting Membership by Electronic Mail Between Meetings*

Dan Chazan explained there has been, for the past couple of years, a desire not to contact SIG/RME members by electronic mail. He explained this practice had been adopted because people first used electronic mail to send job announcements to the membership and members communicated they did not want all those e-mails. Therefore, we swung back to the other end of the pendulum and last year we did not send any e-mails to the membership. Dan commented that there were a couple times during the year where it would have been useful to send electronic mail to SIG/RME members. He provided two examples to illustrate possible future beneficial use of e-mail. First, Dan stated that he heard from at least one person who thought s/he had submitted an AERA proposal to our SIG but which Dan never received. Dan suggested the senior co-chair could send an e-mail with the list of authors of AERA proposals received by SIG/RME. Members could check to confirm their proposal had been received. Second, Dan suggested it would be useful to send e-mails as a reminder to submit nominations for awards or elections. Dan asked for feedback about the issue of sending electronic mail to the membership.

One member said he would be comfortable with the Board using email at their discretion. Another member noted that in the past, labels were sold and used to make money for the SIG. Dan noted that people still buy our labels, but he was pretty sure the e-mail list is not sent out to anyone. Cengiz Alacaci pointed out that the membership list is available to the members free of charge.

Judit Moschkovich moved that the SIG/RME Board may use e-mail to contact the membership at their discretion. Jere Confrey seconded the motion. The motion was unanimously approved.

IIIC. Graduate Student Support

Dan Chazan explained that at the 2003 SIG/RME Annual Business Meeting there were some suggestions made for how we might spend some of the \$20,000 balance of SIG/RME. One suggestion was that the Board consider graduate student support.

Randy Philipp explained that he worked with Jim Middleton, from the NCTM Research Committee (RC), on this issue. The RC asked that they submit a proposal for a graduate student session at the 2004 NCTM Research Pre-session, and that proposal was accepted. Randy further explained that because this year the AERA meeting precedes the NCTM meeting whereas next year the NCTM meeting precedes the AERA meeting, two NCTM Research Pre-sessions will pass before the SIG/RME Annual Business meeting. Therefore SIG/RME is committed to placing a graduate student session on the research pre-session annual meeting program for the 2004 and 2005 meetings. We will take up this matter again at the 2005 annual business meeting.

Randy announced that this year's graduate student session is scheduled Tuesday, April 20, from 4:45 - 6:00 pm. This session will not be scheduled against any other sessions so that students are able to attend. Randy suggested an outcome of this session might be a proposal from the Graduate Students to the SIG/RME Board regarding ways the Board might support subsequent activities. Randy also reminded members of SIG/RME to invite their doctoral students to the session.

IIID. Senior Scholar Research Portfolio Award

Dan Chazan explained that at the 2003 SIG/RME Business meeting there was discussion about an award to recognize senior scholars, and he was charged with the responsibility for convening a committee to consider a senior award. Dan communicated that a subgroup of the Executive Board with Patricio Herbst taking the lead, put together this senior scholar award. Dan highlighted some issues as he spoke about the handout with a description of the award.

Dan noted that the first page of the handout describes some background about the award and other comparable awards. He called members' attention to the top of page two, which states some of the characteristics to be considered by the nominators. Dan also noted there is a fairly lengthy description of the contents of the

nomination packet. He communicated that the committee tried to spell that out in some detail so we could potentially generate text for next year's meeting to add to the by-laws. Dan asked the members to move to page 4, where the constitution of an award committee that includes some membership of the SIG and elsewhere is described. He noted that the awards committee would meet face-to-face at AERA. Dan further explained that the senior co-chair, when planning the SIG/RME program, would allocate one slot for an address by the awardee.

Dan commented that he hoped his overview provided a sense of the kinds of things the committee considered when designing the award. Dan opened the floor to conversation about the kinds of things to be considered. He also noted that the SIG/RME Executive Board discussed this award with senior scholars, and, in particular, some retired mathematics educators. What he noticed was that we tend to think in terms of people we know when discussing the award. He did not think it would be productive to discuss specific people today. He asked that during the discussion, members discuss the proposal and not particular people who may or may not fit the proposed criteria.

Patricio Herbst pointed out that a mistake had been made and the version of the proposal distributed at the meeting was not identical to the version that had been placed on the website. Patricio noted there were some important changes. He commented that those who read the document placed on the website read the latest version. Patricio communicated that the committee made a differentiation of the criteria based on the feedback received from senior scholars.

The main topic addressed by members during the open discussion concerned the amount of money to be given the awardee. The presented proposal indicated the awardee would receive a stipend of \$2,500, including travel. One member expressed concern that SIG/RME would be giving much more money to a senior scholar than to the early career award recipient. The Executive Board pointed out that whereas the early career awardee need not make any presentations or even attend AERA to receive the award, the senior scholar must attend AERA and make a presentation. Consequently, the committee thought the cost of travel has to be part (or all) of the \$2,500 award. One member asked whether SIG/RME might offer a slot to the junior scholar to make a presentation. Another member noted that SIG/RME has very few slots on the program, and by the time we give one slot to the invited speaker, the senior scholar, and a junior member, we would have lost too many. This member thought a senior scholar who is well-known for research would bring many people to the meeting and hence justify giving up a slot. Dan explained that every other year, when the senior scholar makes a presentation, SIG/RME would not seek another presenter. One member suggested the award be for \$500 plus travel expenses up to but not to exceed \$2,000.

Marty Simon moved that "we authorize the board to put out a clear proposal, get feedback, and put back a final proposal to be voted on at the next business meeting." Dan Chazan explained the Executive Board thought that had been the charge last year. One member commented that she thought there had been a lot of work put into the proposal and if it could be modified to read that the awardee is granted \$500 plus travel of up to \$2,000, she would support it. Another member expressed the opinion that the award for the senior scholar and the junior scholar should not necessarily be the same, because whereas the junior award is for one paper, the senior award is for

a lifetime of work. A different member expressed the view that the award is not about the money and, after all, junior people need more money. She thought the award was about prestige. Patricio Herbst reminded the group that SIG/RME pays \$500 to a speaker when the speaker is outside of the community, and the proposed \$500 award is a token award and does not pay a lot.

Marty Simon amended his original motion to read, "We accept the proposal, pending a few editorial changes (mentioned in the discussion), and that we pay the recipient \$500 plus travel up to \$2000." Randy Philipp seconded the motion.

Randy pointed out that the SIG/RME Executive Board had not expected a long discussion about the money and that several other important issues had been discussed. He gave the following as an example of one such issue. The broader question of whether the SIG/RME should offer such an award seemed pertinent. When soliciting feedback from senior scholars, one person raised questions of elitism related to issuing such an award. Randy explained that the Executive Board had been swayed by the argument that this award would identify scholars who had developed a rich and successful research agenda, and rather than seeing this award as pitting one scholar against another, it provided the mathematics education community with the opportunity to identify exemplary work. Patricio noted that one thing that makes this award different from others, say the ICME award, is that this award specifies the criterion of the scholar serving a mentorship role and having established a school of thought.

The motion to accept the proposal, pending a few editorial changes and paying the recipient \$500 plus travel up to \$2000 was unanimously approved.

IV. New Business From the Floor

Paola Sztajn commented that he thought that it was a good idea to support doctoral students. He thought the SIG/RME should also consider ways to support new and junior faculty.

One member noted that she was the only black person at the SIG/RME meeting and she wanted to know where were other black educators. She suggested it was necessary to find ways to get other people involved. Another member noted that one reason she did not regularly attend the SIG/RME Board meeting was because the Hispanic SIG meets at the same time. This member thought it would be good not to schedule the meeting at the same time. A different member suggested SIG/RME might co-sponsor our session with other SIGS.

Carol Fry Bohlin noted that the current draft of the California Mathematics Framework that will be posted soon on the Web has language in it that prohibits publishers from mentioning any standards in their books other than the California State Standards. She thought that in the past the SIG had shown leadership in writing letters related to such matters and she wondered whether this should be such an occasion. She said there would be a six-week public comment period after the draft went on-line. Dan Chazan noted that a similar issue had been raised last year and there was significant discussion about the SIG dealing with it, but the issue disappeared on its own before the Board

needed to take action. One member noted that AERA has taken a stand on standardized testing that appears on their website. Judy Sowder shared that a few years ago when the State Board of Education asked Doug Carnine to write a report about research, she wrote a letter and brought it to the SIG/RME Board meeting and asked people to sign it. Many people did so, and she submitted the letter on behalf of those who had signed, but not on behalf of the SIG/RME community.

V. Adjournment

The meeting was adjourned at 8:05 p.m. A reception followed.

Respectfully submitted by Randy Philipp for Nancy K. Mack, Recording Secretary; edited by Nancy K. Mack

**Call for Proposals for
NCTM Research Pre-Session in Anaheim, California
April 4 - 6, 2005**

The SIG/RME and the Research Committee of the NCTM will jointly sponsor a research pre-session before the NCTM Annual Meeting in Anaheim, California. The opening session will be held the evening of Monday, April 4, with concurrent sessions throughout the day on Tuesday, April 5, and Wednesday, April 6. **The deadline for receipt of proposals is Tuesday, August 31, 2004 by midnight EST.**

The SIG/RME Executive Committee and the Research Committee of the NCTM believe that the research pre-session of the NCTM Annual Meeting provides a unique opportunity for examination of issues of current interest to the mathematics education research community. These sessions typically differ from traditional research-reporting sessions in that they include more integration across the individual presentations and more opportunities for audience participation. Sessions are 90 or 150 minutes. Please note: A new session format has been added (individual papers, which will be 30 minutes only).

Session Formats

Various formats may be used. The following formats have been successful in past pre-sessions.

Research Symposium

This format includes several presentations focusing on the same issue from different perspectives or research orientations, usually followed by a reaction. This format typically includes time for audience discussion. The presenters, who should be chosen to reflect conflicting or complementary points of view, provide information on how those in their research subcommunities currently are thinking about or are addressing the issue. The presenters should exchange outlines of their papers in advance so that differences and similarities in the presentations can be emphasized. Having received these outlines in advance, the reactor is expected to give a compare-and-contrast, state-of-the-art summary. A symposium is to be more than a collection of loosely related papers that deal with similar topics.

Thematic Presentation

One substantive presentation on a major theme (an accompanying prepared paper would be appropriate) with two or three prepared critiques/responses comprise this type of session. Some time should be reserved for audience discussion. The primary presentation is a report on a *program* of research or a particular view of a research issue; it should not be a report of a single research study. Reactors would receive an outline of the major presentation in advance of the session to provoke thought and discussion.

Work Session

Work sessions are designed to allow for sustained interactions around one topic for both attendees and organizers. The topic may be one that is gaining interest, one to which significant resources are being committed and for which sufficient conceptualization is lacking, or it may be a topic of more established interest.

Poster Session

Poster sessions are designed to encourage the exchange of ideas. They combine the visual display of materials with opportunities for individual informal discussion. Poster-session reports on research in progress are particularly encouraged.

Individual Papers (New Format in 2005)

Individual paper sessions offer the opportunity to present findings from a **completed** single study. The proposal 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. These are 30-minute sessions.

Other Formats

These suggested formats are not restrictive; other formats that achieve the goals specified above equally well will be considered. The regular NCTM and AERA programs have ample room for proposals, such as for individual paper presentations, with other goals. However, we urge those submitting presession proposals to consider these five formats seriously. Our goal is to stimulate useful, informative, thematic interaction among members of the research community.

Limits on Proposal Submission

Each participant will be allowed to appear on the program no more than once as a presenter and no more than once as a discussant/reactant. Proposals with overlapping presenters or discussants/reactants will not be sent forward for review until the overlaps are resolved.

Proposal Submission

NCTM has gone to on-line speaker application for many of its conferences, and this year they will once again offer on-line application as an option for applying to present at the Research Presession. The call for proposals for the 2005 Research Presession will be available online from June 1 through August 31, 2004 (11:59 p.m. EST) at <http://www.nctm.org/meetings/>. Once on the site, click on "Research Presession." You will have 40 minutes to input data, so you will need to prepare your submission beforehand so you can paste your 500-word abstract and your 50-word description. Note, the on-line system does not maintain text formatting for the 500-word abstract. All submitters must either use the on-line system or submit an electronic file to research@nctm.org using the Speaker Proposal Form provided below. You may submit using both methods.

Format for Submission of Proposals

The on-line application form requires the following information:

- Introductory information, including name, address, phone, email, fax, affiliation, NCTM Member number, presentation length, and a list of three recent speaking experiences
- Presentation Format
- A Title, limited to 75 characters
- An abstract and timeline, limited to 500 words that includes the following:
 - an overview of the topic the session will address,
 - a description of the scientific and educational significance of the topic,
 - a summary of each participant's presentation, and
 - a description of the session's timetable.
- A Description, limited to 50 words, to be included in the program book.
- a list of all participants, including names, mailing addresses, phone numbers, and e-mail addresses. Briefly describe each participant's qualifications with respect to the proposal. **Please follow the directions to add more than one speaker.**

Proposals will be evaluated according to their significance, quality, and interest to the mathematics education community. **Proposals must be received by August 31, 2004 at midnight EST.**

Registration

To preregister, see the registration form in the 83rd Annual Meeting conference-preview brochure coming by mail this fall to all NCTM members. You do not need to be an NCTM member to attend the conference, and you may preregister for the Research Presession even if you are not attending the Annual Meeting. If you are not an NCTM member, you may request an 83rd Annual Meeting conference-preview brochure by calling NCTM at (800) 304-7709. Registration will also be accepted at the door.

Additional Information

If you have questions, e-mail research@nctm.org or call (703) 620-9840, ext. 2151.

2005 NCTM Research Pre-session
Speaker Proposal Form
Anaheim, California
April 4 - 6, 2005

Title (limited to 75 characters) _____

Organizer _____

Affiliation _____

Mailing Address _____

Phone Numbers: Work () _____ Home () _____

E-mail _____

Length of Format: ___ 150 min. ___ 90 min. ___ 30 min. ___ Poster

Preferred Day: ___ Tuesday, April 5 ___ Wednesday, April 6 ___ Either Day

Participants. Identify the participants and indicate their roles (i.e., presenter, presider, discussant).

Format: ___ Symposium ___ Thematic ___ Work Session
___ Individual Paper ___ Poster Session
Other _____

An abstract and timeline, limited to 500 words that includes the following:
an overview of the topic the session will address,
a description of the scientific and educational significance of the topic,
a summary of each participant's presentation, and
a description of the session's timetable.

Description. Write a concise, specific description of the essential content of your presentation. Please limit it to no more than 50 words. On acceptance of your proposal, the description you provide here will be printed in the program book, subject to editing by NCTM.

Email one copy of the NCTM Research Pre-session Speaker Proposal Form to research@nctm.org.

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: _____

Recording Secretary: _____

Electronic Communications Secretary: _____

Steering Committee Member: _____

Send your nominations to Patricio Herbst by e-mail or post by **September 15, 2004**.

Patricio Herbst

pg Herbst@umich.edu

University of Michigan

1302C School of Education Building

610 East University Avenue

Ann Arbor, MI 48109-1259

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 _____

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

Rose Mary Zbiek

The Pennsylvania State University

272 Chambers Building

University Park, PA 16802

rmz101@psu.edu

Nancy K. Mack, Recording Secretary
SIG/RME
Grand Valley State University
Department of Mathematics
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