



THE MATH-SCIENCE CONNECTOR

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New Online Journal

The North American Study Group for Ethnomathematics (NASGEM) is proud to announce the debut of a new scholarly journal. Sponsored by NASGEM, The *Journal of Mathematics and Culture* will be an online peer-reviewed publication, available to anyone who has internet access. In deciding to publish online, our hope is that the Journal's audience will be as diverse as the topics discussed.

The announcement of the *Journal of Mathematics and Culture* states, "We define culture broadly, to include all scales: ethnic groups, nations, labor communities, religious traditions, professions, and so on." That statement recognizes that mathematics appears in cultural contexts of all sorts, and the JMC invites submissions across that diverse socio-cultural landscape in which mathematics flourishes.

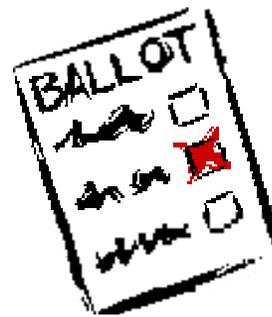
For more information on the journal and submission guidelines, visit the site at: <http://www.ccd.rpi.edu/Eglash/nasgem/jmc/jmc.htm>

Election Information

Information regarding the candidates for SSMA Board of Directors is included in this issue of the Math-Science Connector.

Carol Stuessy, SSMA President, will be sending out a separate ballot in the near future to you.

The SSMA Board of Directors serve terms of 3 years. Brief biographies for each of the four candidates are included on pages 2 and 3. Please take a few moments to review the candidate information.



<http://www.ssma.org>

Candidates for Board of Directors

Ramakrishnan Menon



Current position:

Full Professor
Mathematics Education
California State University -
Los Angeles

Professional Experience:

- Involved with preservice and inservice teachers for about three decades.
- Has taught in various countries (such as Australia, Canada, Egypt, Malaysia, Singapore, and the States).
- Conducted professional development courses for teachers.— most recently a professional development course in Singapore for Singapore teachers
- Currently — professional development project for teachers in the Los Angeles Unified School District (LAUSD).
- Has taught research methodology courses (including Statistics).
- Served as Committee Member and/or Chair on graduate Thesis Committees and as Examiner of graduate theses.
- Reviewer of articles for more than 5 professional journals.
- Conducted classroom-based research on mathematics and teacher education.
- Presented at more than 70 conferences.
- Published more than 40 scholarly papers (some of which have focused on co-teaching with faculty, as well as active learning, and assessment).
- Member of the Organizing Committee for the 1st Asian Technology Conference in Mathematics held in Singapore.

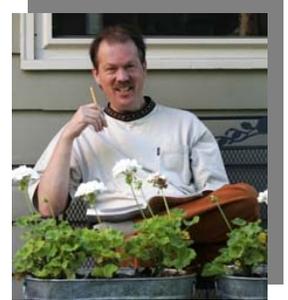
SSMA Involvement:

- Member of the SSMA Finance Committee.

Professional Memberships:

- Member of 14 professional organizations.

Cornelis (Kees) de Groot



Current position:

Associate Professor
Elementary Education
State University of New York @
New Paltz

Past Professional Experience:

- Kees immigrated to the US in 1983 and worked as a middle and high school teacher from 1982-1996.
- Since 1999 he is the director of the New York State K-8 Mathematics Mentor Network, funded by a staff development grant that falls under the NCLB act through 2008.
- Kees is editor for the Investigations Department of Teaching Children Mathematics, a publication of the NCTM, for volumes 12 and 13.
- Kees has served on boards of directors in regional and the state organizations in New York state.

Education Background:

Teaching diploma for Secondary Mathematics and Physics from Stichting Opleiding Leraren (Foundation for Teacher Education) in the Netherlands (1982).

Master's in Secondary Mathematics Education from SUNY New Paltz (1987).

Ph.D. in Mathematics Education from New York University (2000).

SSMA Involvement:

- Endowment and Awards Committees.
- Presented papers and workshops for the past five years.

Professional Recognitions:

Presidential Award for Excellence in Mathematics and Science Teaching (1994).

Candidates for Board of Directors

Gil Naizer



Current position:

Associate Professor
Elementary Science Education
Texas A&M-Commerce

SSMA Involvement:

SSMA member since 1991.
SSMA journal reviewer since 1996.
Several publications in the SSMA journal.
Conference co-Chair for the 2005 Annual
Conference
SSMA integration task force from 1992 – 94.

Current SSMA positions:

- Nominations & Elections Committee.
- Program Committee.

John Mascazine



Current Position:

Assistant professor of Education
Ohio Dominican University - Columbus, Ohio.

Professional Experience:

- Teaching undergraduate and graduate students.
- Courses taught include Educational Psychology and methods courses in Mathematics and Science Education.

SSMA Involvement:

- Involved with SSMA since 2000.
- Membership Committee (2003-2006).
- Involved with planning the 2003 SSMA convention held in Columbus.
- Reviewer for proposals for previous conventions.



OUTSTANDING EARLY CAREER SCHOLAR AWARD

The Early Career Scholar Award acknowledges contributions to science and/or mathematics education during the five years immediately following receipt of the doctoral degree. To qualify for the award the nominee must have received the doctoral degree on or after May 1, 2001.

The Early Career Scholar Award winner will be invited to speak at the Annual Convention and receive \$500 towards conference travel expenses.

Any member of SSMA is free to nominate a person(s) satisfying the criteria noted above. The nominee must be a member in good standing for 1 year prior to submitting application & a member in good-standing to receive the award.

Submission Requirements

- **Vita**
- **Three exemplary scholarly works**
(Materials need to relate to common mathematics/science education themes: Integration; Technology; Constructivism/Inquiry; Professional development; Other)
- **Two-page (double-spaced; 12 font) summary addressing:**
 - **Research interests**
 - **How submitted scholarly works have impacted research area**
- **Two support letters emailed separately**
(One support letter must be from non-dissertation committee member)

Materials are to be sent electronically to:

Gregory Chamblee (gchamblee@georgiasouthern.edu)

COMMITTEE MEMBERS NEEDED

If you are interested in serving on one of SSMA's committees, please contact **Art White, President-Elect** at the address below. You can find information on the SSMA committees online at <http://www.sma.org/>.

Arthur White
The Ohio State University
238 Arps Hall
1945 North High Street

2006 Annual Convention

Thursday-Saturday, October 26-28, 2006

Missoula, Montana
Holiday Inn Parkside

200 South Pattee
Missoula, MT 59802
406-721-8550

CALL FOR SPEAKERS

If you are interested in presenting a session at the conference, complete the information requested below. You may print this page or log on to the SSMA web site at SSMA.org and send the completed form to:

SSMA Annual Convention

Dr. Georgia Cobbs

The University of Montana

Department of Curriculum and Instruction
105 Education

Missoula, MT 59812-6346

Telephone: 406-243-6052

Fax: 406-243-4908

E-Mail: georgia.cobbs@mso.umt.edu

After blind review by the program committee, you will be notified whether your proposal is accepted for the program. If you have any questions, contact Art White at: E-mail: white.32@osu.edu, or call (614) 292-8061. We look forward to hearing from you.

Speaker Proposal Deadline: May 6, 2006

Name: _____

Affiliation—School/Department: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Home Telephone #: _____ Work Telephone #: _____

Fax #: _____ E-mail: _____

Current Member of SSMA: [] Yes [] No

< Over Please >

Proposed Session Title (Approximately 12 words or less):

Purpose or goal of the proposed session:

Abstract of the proposed session (200 words or less):

Please mark all that apply.

Audience: Elementary Middle Childhood
 Secondary College/University

Type of Session: Workshop (90 min.) Regular (50 min.)
 Symposium/Panel (50 min.) Other

Topic(s): Assessment Curriculum Integration
 Informal Education Inquiry Research
 International Learning Teaching
 Teacher Education Technology Other _____

Session Length:

Select one: 25 minutes 50 minutes 90 minutes

Overhead projectors will be provided in each meeting room. Other special equipment will be the responsibility of the speaker.

Special Issue of the *International Journal of Science and Mathematics Education (IJSME)*
“*Language, Mathematics Literacy, and Science Literacy*”

CALL FOR PAPERS

Enhancing scientific/mathematical literacy has become an important goal in education. Reading and writing play especially important roles in acquiring such literacy. Currently, investigations on the role of language (especially the aspects of reading and writing) in science and mathematics teaching and learning have become fruitful areas for educators to investigate.

The guest editors of this special issue request the submission of research articles on the roles and influences of language in achieving mathematical/scientific literacy. They are particularly interested in manuscripts exploring the influence of oral and written language (including mathematical symbol systems, argumentation, information communication technologies, multiple representations, and visual elements such as diagrams, etc.) on mathematical and scientific understanding and on the broader definition of such technical literacies in the everyday world.

Manuscripts should be based on quantitative and/or qualitative evidence and on well-defined measures of understanding and literacy in relation to mathematical or scientific cognition. Manuscripts should not be longer than 35 pages (12-point font, double spaced, and formatted to *IJSME* style requirements), including figures, tables, appendices, end notes, and reference list.

All manuscripts will be reviewed by the regular *IJSME* reviewer panel. Please submit manuscripts to the *IJSME* Springer on-line reviewing system (<http://www.editorialmanager.com/ijma/>) no later than **October 15, 2006**. Make sure the submission clearly indicates the Special Issue on “Language, Mathematics Literacy and Science Literacy.” The special issue will be in print in late 2007. Its electronic version will be available on the Springer website in the summer or fall of 2007, once articles have been accepted and copyedited.

Guest Editors:

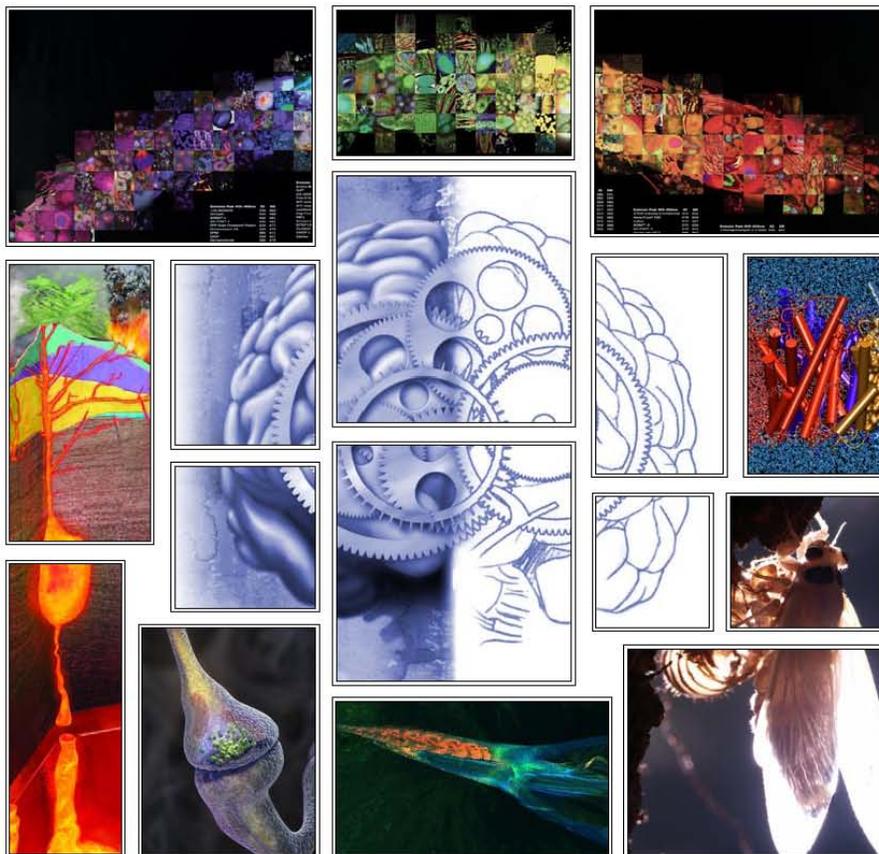
Dr. Larry D. Yore, University of Victoria, Canada

Dr. David Pimm, University of Alberta, Canada

Dr. Hsiao-Lin Tuan, National Changhua University of Education, Taiwan

 SCIENCE & ENGINEERING
 VISUALIZATION CHALLENGE

 CALL FOR ENTRIES



SCIENCE AND ENGINEERING'S MOST POWERFUL STATEMENTS
 ARE NOT MADE FROM WORDS ALONE

When the left brain collaborates with the right brain, science emerges with art to enhance communication and understanding of research results—illustrating concepts, depicting phenomena, drawing conclusions.

The National Science Foundation and *Science*, published by the American Association for the Advancement of Science, invite you to participate in the fourth annual Science and Engineering Visualization Challenge. The competition recognizes scientists, engineers, visualization specialists, and artists for producing or commissioning innovative work in visual communication.

ENTRY DEADLINE: MAY 31, 2006

Award categories: Photographs, Illustrations, Interactive Media, Non-Interactive Media and Informational Graphics. Winners in each category will be published in the September 22, 2006 issue of *Science* Magazine and *Science* Online and displayed on the NSF website.

Complete Entry Information: www.nsf.gov/news/special-reports/scivis/index AND www.sciencemag.org/prizes/

SCHOOL SCIENCE AND
MATHEMATICS ASSOCIATION

The Math-Science Connector
Valeria Amburgey, Editor
Northern Kentucky University
College of Education and Human Services, BEP 272
Highland Heights, KY 41099

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Fax: (859) 572-6096
Email: amburgey@nku.edu



THE ADDRESS ABOVE IS
FOR THE NEWSLETTER
ONLY. SEND ALL OTHER
CORRESPONDENCE
INCLUDING CHANGE OF
ADDRESS TO THE

ARTHUR WHITE
THE OHIO STATE
UNIVERSITY
238 ARPS HALL

www.ssma.org

AWARD FOR EXCELLENCE IN INTEGRATING SCIENCE AND MATHEMATICS

The guidelines for the Award for Excellence in Integrating Science and Mathematics are as follows:

- Nominee should be a person or group who/which has fostered, promoted, and extended the integration of mathematics/science at the elementary, secondary, or university level.
- Nominee should be active in science/mathematics education and in the development of curricula for the preparation of teachers, educational research, or other activities of significant educational value.
- Nominee should have shown an impact on science/mathematics education.

Any member of SSMA is free to nominate a person(s) satisfying the criteria noted above. The nominee need not be a member of SSMA.

GEORGE G. MALLINSON DISTINGUISHED SERVICE AWARD

The guidelines for the Distinguished Service Award, which may be given annually by SSMA, are as follows:

- Nominee should have been a member of SSMA for at least 10 years.
- Nominee should have shown substantial participation and leadership in SSMA activities such as paper presentations at meetings, committee work, membership work, reviewer for journal, etc.
- Nominee should have exhibited scholarship, leadership, and/or teaching excellence in mathematics/science education.

Any member of SSMA is free to nominate a person(s) satisfying the criteria noted above. An application may remain active for three years.

Nominations are to be sent to:

Gregory Chamblee

Georgia Southern University

Department of Teaching and Learning

PO Box 8134

Statesboro, GA 30460-8134

or e-mail gchamblee@georgiasouthern.edu