



THE MATH-SCIENCE CONNECTOR

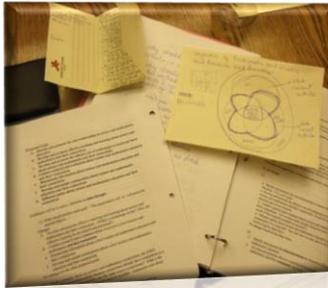


Figure 1: Notes and drafts from the membership representing new ideas about the Vision and Goals of the Association.

Reports of Progress in Renewing the Vision and Goals of SSMA

Contributions from the SSMA Membership in Missoula at the 2006 Town Hall Meeting were used to revise and propose a renewed Vision and Goals for the Association, announces Carol Stuessy (Past-President) and John Park (SSMA Board Member & Liaison to the Policy Committee). Sub-committees have been working since the Missoula meeting to address the collection of comments and suggestions from the membership that were collected at the Town Hall Meeting. John Park shared the comments from the membership with other Board members during the Spring 2007 Board of Directors Meeting held in Indianapolis. Results included plans to hold a second Town Hall Meeting, to be held in Indianapolis on November 15-17, 2007 at the Association's Annual Convention.

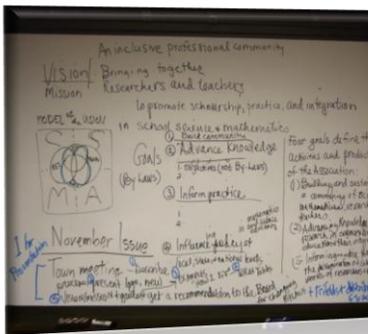


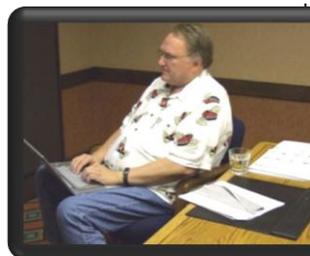
Figure 2: Sub-committee work to analyze and summarize key points from membership notes.

At the Town Hall Meeting, which will occur on Saturday, November 17 right after the Annual Business Meeting and Awards Breakfast, the membership will have an opportunity to hear about the rationale for proposed changes and discuss the Sub-Committee's proposal in small groups. Attend all three -- Awards Breakfast, Business Meeting, and Town Hall Meeting, which are open to the entire membership.

Plan now to play an important role in renewing the Vision and Goals of the organization!

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John Park, Board Member and Liaison to the Policy Committee, hard at work on crafting the revised Vision and Goals for the organization



Carol Stuessy, Past-President, and Gil Naizer, Board Member, sketching out a logo to represent a revised Vision for the Association.



Kees deGroot, Board Member, contemplating possible changes to the By-Laws as a result of new thinking about the Goals of the association.

<http://www.ssma.org/>



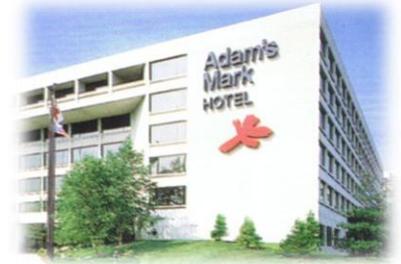
SSMA 2007 Convention – Indianapolis, IN

November 15-17, 2007

Thursday-Saturday
Adam's Mark Hotel
 2544 Executive Drive
 Indianapolis, Indiana
800-444-2326

– For More Information –

Dr. Don S. Balka
 Mathematics Department
 Saint Mary's College
 Notre Dame, IN 46556
 Telephone: 574-284-4496 (O)
 Telephone: 574-784-3382
 Fax: 574-784-3382
 E-Mail: dbalka@saintmarys.edu



Reserve Hotel Room by October 14, 2007

New ATLAS OF SCIENCE LITERACY, VOLUME 2, Now Available

AAAS Project 2061 is pleased to announce the release of the new *ATLAS OF SCIENCE LITERACY, VOLUME 2*. Developed with support from the National Science Foundation and contributing to the work begun in the first volume of *ATLAS* published in 2001, the new *ATLAS 2* completes the set of nearly 100 maps that now incorporate all of the K-12 learning goals recommended in Project 2061's *SCIENCE FOR ALL AMERICANS* and *BENCHMARKS FOR SCIENCE LITERACY*.

Co-published with NSTA, the new *ATLAS 2* includes 44 maps for key topics in science, mathematics, and technology—topics such as Scientific World View, Nature of Mathematics, Technology and Science, Weather and Climate, Interdependence of Life, Human Development, Global Interdependence, Energy Resources, Reasoning, Models, Computation and Estimation, and more. To view a complete list of all *ATLAS* maps and to find out more about the new volume, please visit the Project 2061 Web site at www.project2061.org/Atlas. For more information, please contact Project 2061 at 202 326 6666 or www.project2061@aaas.org.

SSMA Election Results

The Spring 2007 issue of the Math-Science Connector included brief biographical information on the two candidates for SSMA President-Elect and the four candidates for two SSMA Director-At-Large positions. Congratulations are given here to the new President-Elect and Board members.

President-Elect



Alan Zollman

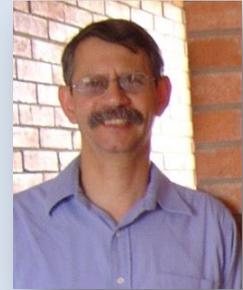
Associate Professor
Mathematics Education
Department of Mathematical Sciences
Northern Illinois University
DeKalb, Illinois

Directors-At-Large



John C. Park

Associate Professor of Science Education
North Carolina State University
Raleigh, NC 27695



Alfinio Flores

Professor of Mathematics Education
Arizona State University
Tempe, AZ 85287-0911

SSMA Associate Editors, Reviewers, and Manuscripts Needed

If you are interested in being an Associate Editor for the *School Science and Mathematics* journal, please contact Gerald Kulm, Editor, at gkulm123@yahoo.com and submit a letter outlining your areas of research expertise and experience, along with a 2-page vita. Associate Editors review the outside comments by reviewers for about 4-5 manuscripts a year, then prepare a recommendation letter for the Editor to accept, revise, or reject the manuscript.

If you would like to be a Reviewer, please go the Journal website at <http://ssmj.tamu.edu/> and complete an application form. Reviewers prepare comments, reviews, and recommendations for 1-2 manuscripts a year in their area of specialization. Reviewers are needed in all areas of expertise, especially teacher preparation and professional development.

Quality manuscripts for the Journal are needed. Please see an issue of the Journal or visit the website for content areas and guidelines for submission. Members are especially encouraged to submit data-based research manuscripts on K-12 teaching or learning of science or mathematics, or their integration.

Nominations for SSMA Board of Directors

To nominate a candidate to serve on the SSMA Boards of Directors, a petition of twenty-five (25) signatures can be sent to Kees de Groot, Chair of the Nomination and Election Committee. Self-nominations are accepted as well. Please contact:

Cornelis (Kees) de Groot

State University of New York at New Paltz
75 S. Manheim Blvd.
New Paltz, NY 12561
degrootc@newpaltz.edu

Outstanding Early Career Scholar Award

Congratulations to the 2007 recipient of the SSMA Outstanding Early Career Scholar Award: **Dr. Bharath Sriraman**. Members will have an opportunity to meet and attend a presentation by Dr. Sriraman at the SSMA Annual Convention in Indianapolis, IN on Nov. 15-17, 2007.

Call for 2008 Awards

The SSMA Awards Committee invites the membership to submit nominees to be considered for the **GEORGE G. MALLINSON DISTINGUISHED SERVICE AWARD** and **AWARD FOR EXCELLENCE IN INTEGRATING SCIENCE AND MATHEMATICS** to be awarded at the 2008 Annual Convention. The criteria for each award are listed below. Previous winners of the awards can be found at the SSMA website (<http://www.ssma.org>).

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. Winner receives a complimentary conference registration.

Submission Requirements (PDF preferred; Word file also accepted)

- **vita**
- **Summary (double-spaced; 12 font) addressing:**
 - **How nominee has shown substantial participation and leadership in SSMA activities**
 - **How nominee has exhibited scholarship, leadership, and/or teaching excellence in mathematics/science education**

Deadline for submission of nominations is **March 5, 2008**
Information will be in the Fall 2007 newsletter for how to submit nominations.



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. Winner receives a complimentary conference registration.

Submission Requirements (PDF preferred; Word file also accepted)

- **vita**
- **Summary (double-spaced; 12 font) addressing:**
 - **How person or group has fostered, promoted, and extended the integration of mathematics/science at the elementary, secondary, or university level**
 - **How person or group has impacted science/mathematics education**



**SCHOOL SCIENCE AND MATHEMATICS ASSOCIATION
2007 CONVENTION (November 15-17, 2007)
Adams' Mark Hotel, Indianapolis, IN**

REGISTRATION FORM

Date: ____/____/____

Name: _____ E-mail: _____

Affiliation—School/Department: _____

Affiliation Street Address: _____

City: _____ State: _____ Zip Code: _____ Country: _____

Affiliation Telephone #: _____ Fax #: _____

Home Street Address: _____

City: _____ State: _____ Zip Code: _____ Country: _____

Home Telephone #: _____

Registration Category	Full ^a	Thursday Only ^b	Friday Only ^c	Saturday Only ^d	Amount
	[Please circle the appropriate amount(s).]				
Full-Time Student	\$145.00	\$ 60.00	\$ 55.00	\$ 50.00	
K-12 Teacher	\$175.00	\$ 80.00	\$ 75.00	\$ 70.00	
SSMA Member	\$205.00	\$110.00	\$105.00	\$100.00	
(After October 12, 2007)	\$235.00	\$120.00	\$125.00	\$110.00	
*Non-Member	\$255.00	\$160.00	\$155.00	\$150.00	
(After October 12, 2007)	\$285.00	\$170.00	\$165.00	\$160.00	
					Total: \$ _____

^a**Full registration** includes: Thursday coffee break; evening reception with cash bar; Friday breakfast, coffee break, luncheon and reception; Saturday morning breakfast and lunch; admission to all Convention Sessions, and a copy of the 2007 SSMA Convention Program.

^b**Thursday Only registration** includes: Thursday Continental breakfast, coffee break, luncheon, evening reception with cash bar, admission to Thursday Convention sessions, and a copy of the 2007 SSMA Convention Program.

^c**Friday Only registration** includes: Friday morning breakfast and luncheon; admission to Friday sessions, and a copy of the 2007 SSMA Convention Program.

^d**Saturday Only registration** includes: Saturday morning breakfast and lunch, admission to Saturday Convention sessions, and a copy of the 2007 SSMA Convention Program.

*Includes one year SSMA Membership

****Advance Registration Deadline: (October 12, 2007)**

(Your registration will be recorded when payment is received.)

Adam's Mark Hotel
Make reservations by October 14, 2007
Online Reservations:
<http://resweb.passkey.com/go/ssma1107>
Hotel Phone: 1-800-444-2326
[ask for SSMA rate - \$90 single/double]
2544 Executive Drive; Indianapolis, IN
<http://www.adamsmark.com/>

Convention Registration Payment should be made by check, money order, or cash in US\$ to:

**School Science and Mathematics Association
College of Education
Oklahoma State University
245 Willard
Stillwater, OK 74078**



School Science and Mathematics Association

Application for Membership

(2006-2007)

School Science and Mathematics Association (SSMA) Membership

Name: _____ E-Mail: _____ Date: _____

Affiliation—School/Department: _____

Affiliation Street Address: _____

City: _____ State: _____ Zip Code: _____ Country: _____

Affiliation Telephone #: _____ Fax #: _____

Home Street Address: _____

City: _____ State: _____ Zip: _____ Home Telephone #: _____

Preferred Mailing Address: [] Affiliation OR [] Home

Area(s) of Expertise: (Please check all that apply.)

- [] Assessment [] Curriculum [] Informal Education [] Integration [] International
[] Inquiry [] Learning [] Mathematics [] Research [] Science
[] Teacher Education [] Teaching [] Technology [] Technology Education
[] Other _____

Grade Level(s): (Please check all that apply to your students or to your pre-service/in-service teachers.)

- [] Pre-K [] K [] 1 [] 2 [] 3 [] 4 [] 5 [] 6 [] 7 [] 8
[] 9 [] 10 [] 11 [] 12 [] Post-Secondary [] Pre-Service [] In-service

MEMBERSHIP RATES: (Please check one.)

- [] Active \$50.00/year [] Active International \$60.00/year
[] Student \$25.00/year [] Student International \$30.00/year
[] Emeritus.....\$25.00/year [] Life \$625.00, one-time payment

(Please check one.) [] Membership Renewal [] New Member

X: _____

Signature of Faculty Instructor or Advisor (Students Only)

Mail to:

Check, money order, or cash in US\$ payable to SSMA

School Science and Mathematics Association
College of Education
Oklahoma State University
245 Willard
Stillwater, OK 74078

Teachers are needed in California Charter Schools.

Teach California Charters is mobilizing highly motivated individuals to make a difference by teaching in some of California's most rigorous public charter schools. We are looking for the best certified educators and for other outstanding individuals looking to make a career change into education.

Teach California Charters is looking for:

- People who want to do something that matters for the students of charter schools throughout California
- People with records of success and achievement in their past endeavors
- Credentialed teachers – newly credentialed and teachers with two, five, ten, or even more years of teaching experience looking to challenge themselves as educators in a rigorous, high-expectations setting
- People brand new to the education field, looking to translate their success in other professions and their academic careers into success and achievement for their students

We are placing charter school teachers in the Bay Area, Los Angeles, and the Sacramento and Central Valley areas of California.

If you are looking for a meaningful challenge, whether you have a teaching background or are seeking a way to establish one, contact us today to learn more about the program and to apply online <http://www.teachcaliforniacharters.org/> 310-904-9423.



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Sør-Trøndelag University College, Trondheim, Norway **Professorship in Mathematics Education.**

The position is connected to the teacher education part of the university college, and the appointed person will in particular be given responsibilities towards teaching and supervising within, and further development of, the master programme in mathematics education established in 2005.

The profile of the position is marked by its strong connection to teacher education and a strong link between theory and practice. It is desirable that applicants have experience with classroom-based research in mathematics, and experience using qualitative research methods.

Please see the full announcement at http://www.alt.hist.no/~froder/professor_ME.pdf

Closing date for applications is 7th July 2007.

For more information or questions you might have regarding the position, please contact:

Frode Rønning [frode.ronning@hist.no]

Professor

Høgskolen i Sør-Trøndelag

Avd. for lærer- og tolkeutdanning

7004 Trondheim

Tel. 73 55 98 78 / 952 18 138

Fax 73 55 98 51

<http://www.alt.hist.no/~froder>

Executive Director**Montana Learning Center (MLC) at Canyon Ferry Lake, Helena Montana
-- A Math & Science Institute [<http://www.montanalearning.org/>]**

This dual role position involves managing the organization's facilities and operations and promoting the organization's growth and service to the educational community.

(1) Facilities and operations support

- Scheduling programs and events
- Coordinating "concierge" services such as meals, lodging, and amenities
- Supervising and hiring part-time and seasonal site staff, including bookkeeper, caretaker, cooks, and housekeeping/grounds staff
- Overseeing operations budget
- Developing resources for programs
- Working with the MLC Board of Directors

(2) Organizational support

- Actively seeking public and private funding sources
- Writing grants to support facility, programs, and personnel
- Recruiting volunteer help from individuals and organizations
- Engaging in public relations and marketing
- Working with local, state, and national networks supporting non-profit efforts

Required Knowledge and Skills

- Excellent social skills
- Excellent writing skills
- Basic computer skills including word processing, spreadsheets, and Internet
- Ability to supervise and coordinate staff

Preferred Knowledge and Skills

- Familiarity with mathematics and/or science education in Montana
- Familiarity with non-profit organizational structures
- Established networks with state and local non-profit and educational systems
- Flexibility in attending to detail while maintaining a "big picture" view of MLC's goals and mission

Application Process

A complete application consists of:

- A cover letter summarizing your qualifications and providing contact information
- A current resume or vita
- A written essay describing how your special skills and/or past experiences will help you implement the mission and goals of the Montana Learning Center
- Three letters of recommendation, including at least one from a previous employer
- Optional: additional material that supports your ability to succeed in the areas of facilities and operations support and/or organizational support

A background check will be required as a condition of employment. The Montana Learning Center is an equal opportunity employer and educator.

Submit your application to:

Executive Director Search
Montana Learning Center at Canyon Ferry Lake
7653 Canyon Ferry Road
Helena, MT 59602

Hard-copy application materials are required. Any faxed application materials (406-475-3871) must clearly indicate the applicant's name and contact information on each page.

For additional information please contact Jean Howard at 406-475-3638 or email jkhoward@montanalearning.org.

Deadline: Screening of applications will begin on May 21, 2007, and open screening will continue until the position is filled.

	<p>2007 KCTM & T³ Regional Conference</p> <p>October 19-20, 2007 Lexington, KY</p>	 <p>T³-Teachers Teaching with Technology™</p>
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KCTM is pleased to announce that this year we will have a joint conference with T³ at Henry Clay High School in Lexington! Texas Instruments will provide all technology! While presentations involving technology are strongly encouraged for this year's joint conference, KCTM welcomes proposals for all types of presentations. This is an exciting opportunity for Kentucky Teachers!

Please share your expertise with others! Submit a speaker proposal today!

Speaker Proposal Forms can be found at

<http://www.kctm.org/>

or

<http://www.staff.fcps.net/bperry/t3conf2007/>

The deadline to submit a speaker proposal form is August 15, 2007.

For more information contact:

Beth Noblitt
noblittb@nku.edu

Bryson Perry
Bryson.Perry@fayette.kyschools.us

SSMA Contact Information

Name / Position(s)	Mailing Address	Phone / Email
Arthur White President, 2006-2008	The Ohio State University 238 Arps Hall 1945 North High Street Columbus, OH 43210-1172	Phone: (614) 292-8061 Fax: (614) 292-7695 white.32@osu.edu
Carol Stuessy Past-President, 2006-2007 Finance Committee Chair	Texas A&M University Department of Teaching, Learning, & Culture TAMU 4232 College Station, TX 77843-4232	Phone: (979) 845-8256 Fax: (979) 845-9663 c-stuessy@tamu.edu
Julie Thomas & Sandi Cooper Executive Co-Directors	School Science and Mathematics Association College of Education Oklahoma State University 245 Willard Stillwater, OK 74078	Phone: Fax: (405) 744-6290
Pamela Fraser-Abder Director-at-Large 2005-2008 Membership Committee Chair	New York University Department of Teaching and Learning 239 Greene Street New York, NY 10003-6674	Phone: (212) 998-5208 Fax: (212) 995-4198 pamela.abder@nyu.edu
Greg Chamblee Director-at-Large 2004-2007 Awards & Endowment Committee Chair	Georgia Southern University Department of Teaching and Learning P.O. Box 8134 Statesboro, GA 30460-8134	Phone: (912) 681-0026 Fax: (912) 681-5701 gchamblee@georgiasouthern.edu
Cornelis (Kees) de Groot Director-at-Large 2006-2009 Nomination & Election Committee Chair	State University of New York @ New Paltz Department of Elementary Education 800 Hawk Drive New Paltz, NY 12561	Phone: (845) 255-0153 Fax: (845) 257-2846 degrootc@newpaltz.edu
Ken Miller Director-at-Large 2005-2008 Conventions Committee Chair	Montana State University-Billings Department of Educational Theory & Practice CEHS 279 Billings, MT 49101-0298	Phone: (406) 657-2034 Fax: (406) 657-2104 kmiller@msubillings.edu
Gill Naizer Director-at-Large 2006-2009 Publications Committee Chair	Texas A&M University-Commerce Education South 226 Commerce, TX 75429	Phone: (903) 468-3236 Fax : (903) 886-5581 Gilbert_Naizer@tamu-commerce.edu
John Park Director-at-Large 2006-2007 Policy Committee Chair	North Carolina State University Department of Mathematics, Science, & Technology Education Raleigh, NC 27695	Phone: (919) 342-6417 Fax: (919) 515-6892 park@unity.ncsu.edu
Gerald Kulm Journal Editor	Texas A&M University Department of Teaching, Learning, & Culture College Station, TX 77843-4232	Phone : (979) 862-4407 Fax : (979) 845-9663 gkulm@coe.tamu.edu
Valeria Amburgey Newsletter Editor 2006-2009	23 Observatory Pointe Drive Wilder, KY 41076-2419	Phone: (859) 781-4126 Fax: (859) 781-4636 vamburgey@insightbb.com

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The address above is for the newsletter only. Send all other correspondence including change of address to the Executive Co-Directors:

Julie Thomas & Sandi Cooper
School Science and
Mathematics Association
College of Education
Oklahoma State University
245 Willard
Stillwater, OK 74078
Fax: (405) 744-6290 (fax)

<http://www.ssma.org>

**Join Us in
Indianapolis, IN
Nov. 15-17, 2007**

- Ⓢ Adam's Mark Hotel --
<http://www.adamsmark.com/indy-airport/index.asp>
- Ⓢ Indianapolis Convention and Visitor's Center --
<http://www.indy.org/>
- Ⓢ City of Indianapolis --
<http://www.indygov.org/home.htm>
- Ⓢ The Children's Museum of Indianapolis --
<http://www.childrensmuseum.org/>
- Ⓢ Indianapolis International Airport --
<http://www.indianapolisairport.com/>
- Ⓢ Indianapolis Downtown --
<http://www.indydt.com/>
- Ⓢ The Indianapolis Zoo --
<http://www.indyzoo.com/>
- Ⓢ Indianapolis 500 --
<http://www.indy500.com/>
- Ⓢ Indianapolis Art Center --
<http://www.indplsartcenter.org/>
- Ⓢ Indiana Statehouse --
<http://www.in.gov/idoa/statehouse/>
- Ⓢ Indianapolis Chamber of Commerce --
<http://www.indychamber.com/>

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Membership in the School Science and Mathematics Association is open to any person who supports the objectives of the Association, who has paid membership dues, and completed an application.

Benefits of SSMA Membership include:

- Membership in an association encompassing both science and mathematics teaching and learning.
- 8 issues of the official journal *School Science and Mathematics*.
- 3 issues of the SSMA newsletter *The Math-Science Connector*.
- Opportunities to submit presentation proposals for the Annual Convention.
- Voting privileges for Association business and election of officers.
- Opportunities to serve on an SSMA Committee or Leadership Team.

Additional information on SSMA is available at our website (<http://www.ssma.org>) or by contacting **Julie Thomas and Sandi Cooper** (see contact information above).

To contribute news items for inclusion in the SSMA newsletter (*The Math-Science Connector*), please contact **Valeria Amburgey** (see contact information above).