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.

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!
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.

<table>
<thead>
<tr>
<th>President-Elect</th>
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<tr>
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<td>Alan Zollman</td>
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<tr>
<td>Associate Professor of Mathematics Education</td>
<td>Associate Professor of Science Education</td>
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<tr>
<td>Department of Mathematical Sciences, Northern Illinois University, DeKalb, Illinois</td>
<td>North Carolina State University, Raleigh, NC 27695</td>
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<td>Alfinio Flores</td>
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<tr>
<td>Professor of Mathematics Education</td>
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<tr>
<td>Arizona State University, Tempe, AZ 85287-0911</td>
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### 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/](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.
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](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

### 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

---

**Call for 2008 Awards**

Deadline for submission of nominations is **March 5, 2008**

Information will be in the Fall 2007 newsletter for how to submit nominations.
### 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 #: __________________________________

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<th>Friday Only(^c)</th>
<th>Saturday Only(^d)</th>
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**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
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:
School Science and Mathematics Association
College of Education
Oklahoma State University
245 Willard
Stillwater, OK 74078

Check, money order, or cash in US$ payable to SSMA
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.
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
<table>
<thead>
<tr>
<th>Name / Position(s)</th>
<th>Mailing Address</th>
<th>Phone / Email</th>
</tr>
</thead>
</table>
| Arthur White                     | 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                     | 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       | School Science and Mathematics Association  
College of Education  
Oklahoma State University  
245 Willard  
Stillwater, OK 74078                                      | Phone: (405) 744-6290                                     |
| Pamela Fraser-Abder                | 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                     | 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          | 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                        | 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                       | 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                         | 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                       | 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                  | 23 Observatory Pointe Drive  
Wilder, KY 41076-2419                                       | Phone: (859) 781-4126  
Fax: (859) 781-4636  
vamburgey@insightbb.com                                  |
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)

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

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

Adam’s Mark Hotel --

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.inindydt.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/

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).