



SciMathMN March 2012 Newsletter

SciMathMN/MN STEM Network

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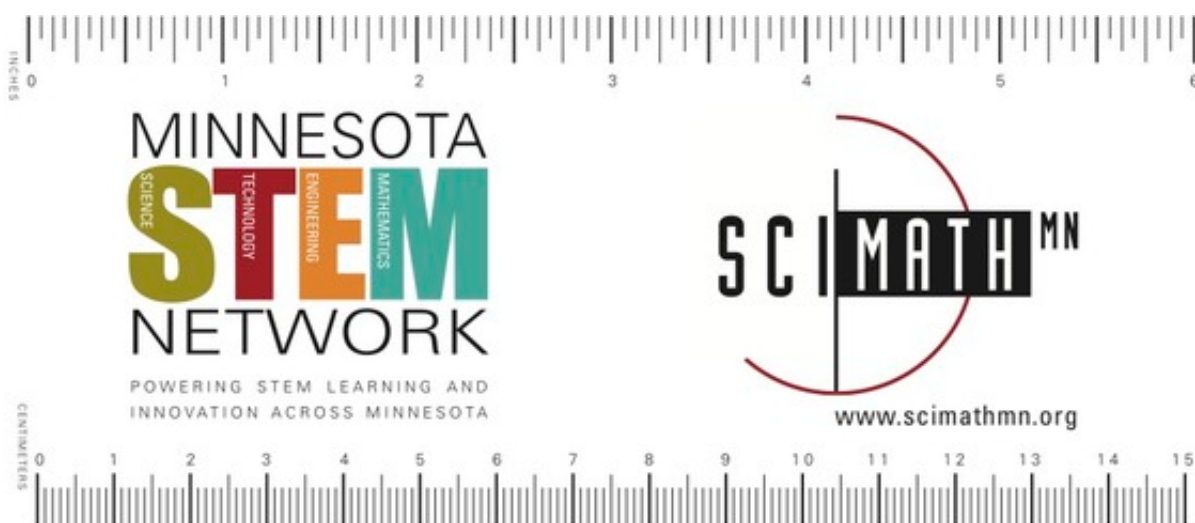
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March 2012 Newsletter



Annual meeting Save-the-Date: May 1, 2012g

The third annual meeting of the Minnesota STEM Network will be held on Tuesday, May 1, 2012 at Boston Scientific Corporation in Maple Grove.

Save the date to be a participant in this growing movement!

The Minnesota STEM Network, an initiative of SciMathMN is aimed at addressing critical issues in improving STEM education in Minnesota. By articulating and aligning strategies, and

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Produced with the support of:



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effectively communicating the value of STEM, the network is committed to powering STEM learning and innovation across Minnesota.

Read more about the annual meeting and strategic planning for the MN STEM Network in the **Upcoming Events and Resources** e-mail.

Please watch for the next Network announcement for **registration opening in early April**.

www.mnstemnet.org



SciMathMN is a non-profit, statewide education and business coalition advocating for quality K-12 science, mathematics and technology education based on research, national standards and effective practices. Major initiatives include policymaker briefings, the STEM Teacher Center online resource and the Minnesota STEM Network.

SciMathMN Board of Directors

Liesl Chatman, Science Museum of Minnesota

Marshall Davis, St. Paul Public Schools

Joel Donna, Univ. of MN College of Education and

Letter from the Executive Director

On behalf of the Board of Directors I welcome you to news from SciMathMN. Through our partnerships with business and education leaders and policymakers this year we have been able to make significant progress on our K-16 STEM initiatives and practices. In this newsletter we provide details on two of those initiatives: first, the MN STEM Teacher Center and Frameworks, and second, MN STEM Network.



We congratulate Mike Lindstrom, the STEM Teacher Center/Frameworks Project Leader, and all of his team of writers, editors, web designers, reviewers and evaluators for receiving the **Minnesota Council of Nonprofits' 2012 Dot Org Award for "Most Innovative Program Delivery."** At last year's annual meeting, Boston Scientific announced its grant in support of strategic planning for the Minnesota STEM Network. CliftonLarsonAllen is completing its work on this initiative and will present recommendations at the annual meeting.

With the support of a Bush Foundation Fellowship, Anne Hornickel has been able to devote her considerable energies and passion to this initiative. She provides an update in the Upcoming Events and Resources email.

With the solid footing established through this year's work in these two areas, SciMathMN is now especially well positioned to make significant contributions over the next few years. We also concurrently begin a search for the next SciMathMN Executive Director to take the organization to its next level. We invite you to share the Executive Director job description with anyone you think might be interested in quality PK-16 STEM education.

We would like to thank these sponsors for their support of this year's STEM initiatives: 3M, Boston Scientific, Ecolab, HB Fuller, Medtronic, Medtronic Foundation, Minnesota Dept. of Education, Science Museum of Minnesota, and Friends of SciMathMN. We appreciate their financial support. It's been a great year for the organization and next year promises to be even more exciting.

As I finally (!) really (!) retire, I thank my colleagues and all of you for what has been a most satisfying personal and professional two-year experience.

Sincerely,
Sally Standiford, Ph.D.
Executive Director

Human Development

Angie Eilers, Sophia Learning

Jim Field, Minnesota
Independent School Forum

Tracy Fredin, Hamline
University

Julie Guelich, Normandale
Community College

Ed Hessler, MN Science
Teachers Association

Anne Hornickel, University of
MN College of Science and
Engineering

Richard Hudson, Twin Cities
Public Television

Steve Kelley, University of
Minnesota Humphrey Institute
of Public Affairs

Mike Lindstrom, MN
Technology and Engineering
Education Association

Jenny Manogue, Kelly Mitchell
Group

Kristil MacDonald, Pine
River/Bacus Schools

Tom Muchlinski, Minnesota
Council of Teachers of
Mathematics

Greg Mueller, H.B. Fuller

John Olson, Minnesota
Department of Education

Doug Paulson, Minnesota
Department of Education

Taylor Pettis, Sophia Learning

STEM Teacher Center Receives 'Dot Org' Award!

The [STEM Teacher Center](#) website that houses the Minnesota Mathematics and Science Frameworks has been chosen to receive the Minnesota Council of Nonprofits' 2012 Dot Org Award for most Innovative Program Delivery. That award is officially announced on the [MN Council of Nonprofits website](#) and was presented to SciMathMN and the MN Department of Education on March 16, 2012 at the Nonprofit Technology and Communications Conference.

The STEM Teacher Center includes over 300 frameworks for delivering Minnesota's K-12 mathematics and science standards, as well as a host of other resources for K-12 STEM education.

Learn more the impact of the STEM Teacher Center in the news article below.

Executive Director Position Posted

SciMathMN, a non-profit, statewide education and business coalition advocating for quality PK-16 science, technology, engineering and mathematics (STEM) education seeks its next Executive Director.

The successful candidate will be a highly organized individual with strong communication skills and a passionate interest in STEM. The successful candidate must be able to operate independently; manage a diverse set of tasks; work with the Board of Directors to articulate and advance a clear vision in support of high quality STEM standards, teaching, and learning in Minnesota; and communicate effectively with diverse audiences, including educators, legislators, and business leaders.

The organization is poised for growth and we seek an individual with the vision, energy, and experience to take advantage of existing and emerging opportunities. The ideal candidate would have the ability to motivate and work with the Board to guide its active participation in support of SciMathMN's mission and the new Minnesota STEM Network to build strong coalitions in support of high quality STEM education. Prior successful fundraising and/or grant writing experience will be considered a plus. Legislative knowledge, strong technology skills, and a comprehensive understanding of PK-16 STEM education are highly desirable.

The position is currently part-time (approximately 50-75 flexible working days annually), but the Board would not be adverse to a candidate growing the position to full time. Interested candidates should send a resume (five-page maximum) and a letter of interest (maximum three pages) describing the skills and experiences they would bring to this position. Review of candidates will begin on April 15, 2012; the position will remain open until filled. Interested

Becky Rennie, Perham Dent High School

Matt Richey, St Olaf College

Pat Ridgely, Medtronic Inc. (retired)

Amaza Ritemier, Medtronic, Inc.

Colleen Sauter, Colleen Riley Sauter Consulting

Patty Simpson, St. Cloud State University

Jerry Sosinske, Boston Scientific

Sally Standiford, SciMathMN

Doug Stang, 3M

Cathy Summa, Wellesley College

Cassandra Svendsen, Society of Women Engineers

Julie Tangeman, Teacher-in-residence, The Bakken Museum

Bhaskar Upadhyay, Univ. of MN College of Education and Human Development

Troy Vincent, Farnsworth Elementary

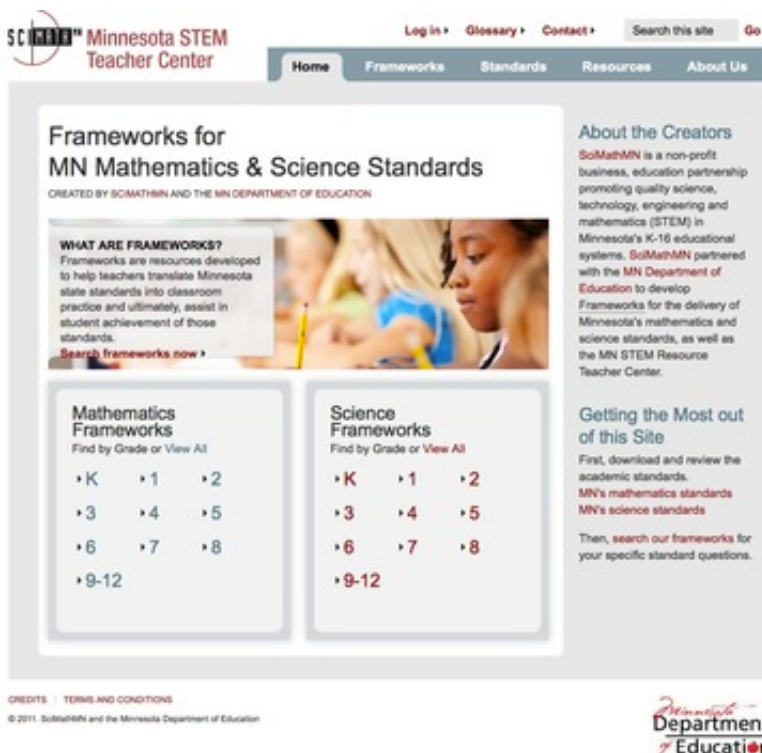
Steve Walvig, The Bakken Museum

Carolyn Williams, St. Cloud State University

Susan Wygant, Minnesota Dept. of Education

applicants should submit materials electronically to Richard Hudson, SciMathMN Board Chair. Materials should be emailed to execdirsearch@scimathmn.org. [Link to posting of Executive Director position description](#)

Minnesota STEM Teacher Center News



The Minnesota Department of Education and SciMathMN have offered numerous training sessions monthly, both at the Department of Education and around the state, on effective use of the Math and Science Frameworks and the MN STEM Teacher Center online resource. The STEM Teacher Center was featured for the second year at the MN Science Teachers Association (MnSTA) in early March and will be the focus of the MN Council of Teachers of Mathematics (MCTM) pre-conference symposium on May 3 in Duluth.

As trainings are scheduled they are posted as upcoming professional development opportunities on the website at <http://scimathmn.org/stemtc/resources>. To schedule a presentation or training on the STEM Teacher Center you may contact Doug Paulson at [651-582-8471](tel:651-582-8471) or Mike Lindstrom at [612-209-1739](tel:612-209-1739).

The STEM Teacher Center officially launched on June 30, 2011. In the eight months since the launch, traffic to the site has grown monthly. By the end of February 2012, the site was experiencing over 64,000 page views per month and almost 2/3 of the visitors each month are new to the site. The vast majority of the visits are from the US (half of those from Minnesota), but 12% represent visitors from other countries.

Bookmark the [MN STEM Teacher Center](#) to have this resource close at hand!

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