



WAHPE VOGLAI



SDCTM SPRING 2002 NEWSLETTER

From the President's Desk
Jean Gomer, SDCTM President

Greetings from your new President of SDCTM. As I face this blank computer screen, I keep turning over the advice that I give my students when they "whine" about not being able to write. I tell them two things: One--just start writing and something will come to you, or Two--make a list of what you want to tell your audience. So here goes, I made a list and ideas just kept coming.

Top Ten Reasons Why I Am Looking Forward to the Next Two Years in SDCTM

10. I've never been President before, and it is *ten* times more exciting than being President-Elect.
9. *Nine* months of each year I get to do what I like best--teach young people the joy of mathematics. SDCTM gives me the opportunity to renew myself professionally so that I maintain that joy.
8. The *eight* other members of the leadership team: Joel, Chuck, Steve, Cindy, Diana, Craig, Curt and Bill. Working with these talented people should keep me inspired to continue planning projects and carrying them out.
7. My dad's favorite saying has always been, "The things you do (both good and bad) come back to you seven times seven." He was right on target with SDCTM. For the past
2. The *two* major professional events sponsored by SDCTM--The Joint Conference in February and the Symposium in August. If you need more information on either one,

thirty years, I have received at least *seven* times what I have given to the organization. I hope each of you can say the same.

6. *Six* regional NCTM conferences each year that are available for you as professional development opportunities. Consider traveling out of our region to see what is happening in other parts of the country. I find it interesting to hear teachers all over having the same conversations that we are having in SD.

5. The possibility of a regional NCTM conference in the fall of 2005. The preliminary paperwork has been started and hopefully things will go on schedule. We will need lots of help, so be thinking about your role in our organization.

4. *Four* challenging projects for my term in office: 1--the above mentioned regional, 2--a written history of our organization, 3--the expansion of the website (www.sdctm.org) started under Joel's leadership, 4--the quest for ways to improve our Joint Conference and promote attendance. All of these projects will need the support of our membership and willing hands to carry them forward. Seriously consider volunteering.

3. *Three* newsletters per year. Help Curt Olson do the job he does so well by submitting news items, cool activities, or anything else you can think of to help fill the pages.

contact me or any other member of the Executive Board. Chuck Holmstrom is our Symposium Coordinator, and Steve Caron is our Conference Registration person.

1. SDCTM is one great organization. The contributions of many people make all of the projects happen. It is the membership that makes SDCTM great and keeps it great. Thank you for doing your part.

Nominations Requested

Annually at the banquet of the SDCTM/SDSTA Conference, SDCTM recognizes individuals for their distinguished service to and support for mathematics education in the state via the distinguished service award and the friend of mathematics award. Please send your nominations and supporting justification for these awards to SDCTM President Jean Gomer.

Member Recognition

If you know of any teacher of mathematics who has gone beyond the normal classroom activities and/or have received awards or other recognition, please send the information to SDCTM President Jean Gomer.

SDCTM/SDSTA Conference

Mark your calendar for the 2003 SDCTM/SDSTA Conference in Huron on February 6-8. If you have any ideas or topics for the conference, contact Chuck Holmstrom, SDCTM president-elect. There are many exciting and creative activities happening in the mathematics classrooms in the state. Consider sharing your successes (or even activities that did not necessarily work as well as planned) by giving a presentation at the conference. Start planning now what you might present and send in a speaker form when school begins in the fall.

USD Merten Hasse Math Contest

mation on the 2003 contest, contact Dan Van Peursem.

Are You Looking for Great Internet Sites to Enhance your Math Curriculum?

Patricia Bruinsma

The 2002 Merten Hasse Math Contest was held on the USD campus on Saturday, April 27. Students from 16 schools participated. Top place finishers in the large school division were Yankton High School, 1st place; Sioux City Herbert Hoover Middle School, 2nd place; Sioux Falls Roosevelt High School, 3rd place; and Vermillion High School, 4th place. In the small school division, the top finishers were Beresford High School, 1st place; Crofton High School, 2nd place; Lawton-Bronson Community Schools, 3rd place; and Parker High School, 4th place. Superior ratings in each division were: Small Schools Algebra I, April Christensen (Parker) and Jacob Hummel (Lawton-Bronson); Small Schools Geometry, Jenna Steffen (Crofton) and Seth McGill (Beresford); Small Schools Algebra II, Aron Merchen (Crofton) Ji-Hwan Choi (Lawton-Bronson); Small Schools Precalculus, Brad Hyronimus (Beresford) and Kristin Eggen (Beresford); Small Schools Calculus, Brian Langel (LeMars Gehlen Catholic); Large Schools Algebra I, Chris Ahlquist (Hoover Middle School) and Susie Williams (Hoover Middle School); Large Schools Geometry, Austin Deck (Hoover Middle School) and Kara Becvar (Yankton); Large Schools Algebra II, Shaun Sawtell (Yankton) and Jordan Ochocki (Roosevelt); Large Schools Precalculus, Seung-Hwan Jeong (Iowa City West) and Juli Lommel (Roosevelt); and Large Schools Calculus, Chengjie Huang (Iowa City West) and Ben Williams (Vermillion). Scholarship winners were Michael Schmit (Parker) and Chris Hayes (Vermillion).

Congratulations to all the place winners. You can find the results and look at some pictures from the contest on the web at <http://www.usd.edu/math>. For infor-

A great resource to math educators is the South Dakota Education Website (www.sdedweb.com). It has websites that have been reviewed and rated by teachers around South Dakota in order to help other educators, students, and parents find resources quickly and

effortlessly. It can sort and list sites that cover material to reach certain curriculum standards in a variety of curriculum areas, sites that pertain to different themes, and sites that are safe for kids to explore and interact with. I enjoy this site because it gives me the option to look for sites that will connect with the standards and objectives I am working with. Super resource for all!

About the South Dakota Ed Web

Educators

The Curriculum section is built on three types of searches: technical standards, curriculum and keywords. The links within these searches have been correlated with the South Dakota Content Standards.

Search results will yield links to lesson plans, on-line activities, and resources to assist educators in the teaching and learning process associated with the knowledge and skills that the state as a whole wants students to master. Our goal is to create a 'Top 5' list in each area resulting in 15 instructional resources for each content standard.

The Administration section is designed to index web sites that promote best practices and support educators within all areas K-12 schools. Links within this section include, but are not limited to professional development, school improvement, research, mentoring and teacher tools.

Students

In the coming months, the new NCTM logo will begin to replace the current logo on NCTM publications and special products. The new logo will be a registered trademark of the organization, providing legal protection against other entities using the logo without NCTM's permission. NCTM's previous logo had no such protection and was inappropriately used by other organizations, sometimes implying an NCTM seal of approval or endorsement where none existed. This has presented special challenges following the development and release of NCTM's *Principles and*

The Student section is designed to provide safe, on-line learning opportunities for K-12 students. The site is built on two types of searches, one that will allow students to search for information based on subject area/or grade level and another that allows students to search the site based on their own keyword entries.

Parents

The Parent section is designed to index web sites that promote best practices and support parents within all areas of child rearing. Links within this section include, but are not limited to growth and development, ask the experts, and health and safety issues. This section, unlike the others, will address infants and toddlers as well as school age children.

**NCTM Premieres New Logo
for the 21st Century**
(from NCTM News Bulletin,
May/June 2002)

During NCTM's 80th Annual Meeting in Las Vegas, President Lee V. Stiff unveiled the new logo of the National Council of Teachers of Mathematics. Presenting it to the public for the first time, Stiff said, "The logo symbolizes the future of NCTM. It is a visual expression of the Council's identity, its mission, and our vision of providing a high-quality mathematics education for all students."

Standards for School Mathematics.

The organization receives regular inquiries about its involvement in the development or approval of curricula that claim to comply or be aligned with NCTM's Principles and Standards. In fact, NCTM does not evaluate or endorse curricula or assess the compliance of any curriculum with *Principles and Standards for School Mathematics*. Nevertheless, the current logo continues to appear on non-NCTM publications and products without NCTM's approval. Because the logo was not a registered trademark, NCTM had no legal

recourse in these cases and no way to prevent the use or misrepresentation of its logo.

Developing the New Logo

The new logo was selected through a carefully planned development process. In February 2001, the Board of Directors approved the creation of the new logo. Shortly after that, Grafik of Alexandria, Va., was selected to develop and design the new logo. Before going to the drawing board, NCTM and the design firm did extensive research. They called on NCTM's current and past leaders to gather information about the history of the Council and its goals for the future. Then Grafik produced approximately 200 designs and concepts. The selection was narrowed down to a handful of designs through a series of focus groups. Participants in the focus groups included a cross section of NCTM members and external audiences (individuals from other education organizations and the legislative and policy community). The final logo was then selected and approved by NCTM's Board of Directors in February 2002.

The new logo conveys a sense of motion and progress and makes an immediate visual impression of mathematics. It combines a stylized human character with elements of diversity and equity, integrating these with less stylized

Guidelines for journal contributions and writing packets designed to help new authors are available. You can obtain them--along with current and new calls for manuscripts--at nctm.org/publications/write.htm.

You can also request them by e-mailing canderson@nctm.org for *TCM*, sbarker@nctm.org for *MTMS*, or jarmistead@nctm.org for *MT*.

Applications for 2002-03 National Board Certification Assessment Available

(from NCTM News Bulletin,
May/June 2002)

R-E-S-P-E-C-T. Teaching needs

mathematical symbols of infinity, a multiplication sign, and a Moebius strip. Some symbols of the visually striking design are readily apparent at first glance, while others may be revealed only upon closer examination.

Write for NCTM's Journals

(from NCTM News Bulletin,
May/June 2002)

The editorial panels for NCTM's journals regularly seek articles covering specific areas through calls for manuscripts. Some of the current calls for manuscripts can be found online at nctm.org/publications/write.htm. We particularly want to receive manuscripts from practicing classroom teachers or from university faculty members who are teaming with classroom teachers. more of it as a profession, and the National Board for Professional Teaching Standards (NBPTS) certification program gives teachers one highly regarded avenue for getting it. Applications for the 2002-03 National Board Certification Assessment are now available.

Last year, 6500 teachers (462 of them in mathematics) successfully completed the board's rigorous one-year voluntary program to earn a national certificate. Although National Board Certification does not grant holders license to teach anywhere in the United States, it does bring local and national recognition. Forty-eight states and nearly 411 local school districts--

including the District of Columbia--provide fee reimbursements, salary supplements, or other financial incentives to encourage teachers to seek National Board Certification.

The National Board Certification process is an excellent professional development experience. In fact, 61 percent of National Board Certified Teachers (NBCTs) surveyed said the act of going through the certification process has had a greater impact on them than actually achieving the certificate itself. Eighty-three percent said they have become more reflective about their teaching. An even more significant result was that 69 percent of NBCTs surveyed said they have seen positive changes in their students' engagement, achievement, and motivation. Since achieving the NBCT credential, teachers said they have received increased recognition and respect, and they are more often sought out for their ideas and opinions.

For More Information

- To request the application for the 2002-03 National Board Certification Assessment or to learn more about the benefits of becoming a National Board Certified Teacher, contact the NBPTS at (800) 22-TEACH (800-228-3224) or visit www.nbpts.org.

- Information about state and local initiatives that provide incentives to teachers seeking National Board Certification can be found online at www.nbpts.org/state_local/index.html

- To download a copy of *The Impact of National Board Certification on Teachers*--the fall 2001 report featuring results of two comprehensive surveys of NBCTs and assessors--at new.nbpts.org/Press/Resrpt.pdf.

Opportunities

(taken from NCTM News Bulletin, May/June 2002)

USA TODAY is now accepting nominations for its fifth **All-USA Teacher Team**. The program honors 20 teachers or teacher teams in its First Team as representatives of outstanding educators. Each First Team winner receives a trophy and a \$2500 check for his or her school. The nomination deadline is 29 June 2002. For more information or to receive a nomination form, see the Web site www.allstars.usatoday.com, or send a self-addressed, stamped, business-sized envelope specifying the All-USA Teacher Team to Carol Skalski, USA TODAY, 7950 Jones Branch Dr., 3rd Floor, McLean, VA 22108-9995.

SDCTM MEMBERSHIP REGISTRATION
South Dakota Council of Teachers of Mathematics

Name _____ Date _____

_____ Mailing Address _____

____City _____ State _____ Zip _____

_____ School _____

Subject(s) Taught _____ Grade _____

Telephone (Home) _____ School _____

Please check your teaching level, and enclose a check for the appropriate dues. Check should be made payable to SDCTM.

_____	K-6	\$ 5.00
_____	7-12	10.00
_____	Departmentalized Middle School	10.00
_____	Post secondary	10.00

_____	Full-time student	3.00
_____	Retired	5.00

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