

Mathbits

Minnesota Council of Teachers of Mathematics

www.mctm.org

People in the News

Congratulations to RaNae Nelson, Pearson Elementary, Wheaton and Rich Enderton, Minnehaha Academy, Minneapolis for winning the 2001 Presidential Award for Excellence in Mathematics and Science Teaching. These two mathematics teachers will join math and science awardees from other states for a week in Washington, D.C. this month.

Congratulations to Rose Chu, Minneapolis Public Schools, for being recognized with an Award of Honor at the 2001 Women of Color Recognition Day Celebration on March 1, 2001. Rose is chair of the Board of Directors of Asian American Renaissance and a MASP2 instructor and mentor.

MCTM Board Visits the State Capitol

On February 2001, the MCTM Board along with the MCTM Government Relations Committee met at the Capitol in St. Paul to communicate with legislators about mathematics education. Many had the chance to visit face-to-face with their legislators to talk about issues and needs in mathematics education. Others visited their representatives' offices and left handwritten notes about mathematics standards. Many board members felt the time spent at the Capitol helped them realize that talking with representatives is needed. We hope that MCTM members who want information about communicating with key policy makers, board members, and legislators will attend a session offered by the Government Relations Committee at the Spring Conference in Duluth.

Spring Conference

Register now for the MCTM Spring Conference - "Taking the Basics Into the 21st Century," April 27-28, 2001, DECC, Duluth MN. (Register by April 6th to avoid late registration fees.)

A sampling of Conference Highlights is included in this issue. A conference registration form and lodging information are available at www.mctm.org. Bring family and friends and stay for the weekend to take advantage of the Duluth area.

Symposium on Mathematics Education Reform

The Third Symposium on Mathematics Education Reform will be held on Thursday, April 26, 2001, at the Duluth Entertainment Convention Center. It is co-sponsored by SciMathMN and MCTM and will precede the MCTM Spring Conference that will be held on Friday, April 27 and Saturday, April 28.

The symposium will use the National Council of Teachers of Mathematics Principles and Standards for School Mathematics to explore questions such as:

- What do the Principles and Standards tell us about the features of a high-quality mathematics program?
- How do the Principles and Standards focus content and articulate it across the grades?
- What do the Principles and Standards say about the "basics?"

The Symposium will feature a keynote address by Barbara Reys from the University

of Missouri. Barbara chaired the grades 3 - 5 writing group for the Principles and Standards.

The Symposium is targeted to administrators, school board members, district curriculum leaders, teacher leaders, and higher education faculty. A reduced registration fee is offered for multiple registrations from the same school or district in order to encourage teams of leaders to attend. The fee is \$80.00 for the first registration and \$40.00 for each additional team member. Registration information was sent to all superintendents and principals in January. MCTM members are encouraged to contact their superintendents, principals, and/or curriculum directors and offer to be part of a team to attend the symposium.

For more information regarding the symposium, contact Tom Muchlinski at muchlinski@southwest.msus.edu. Registration is limited and should be received by April 6 in order to avoid an additional late registration fee.

April 2001 is Math Education Month

Help celebrate mathematics by participating in the World's Largest Math Event 7 that takes place on April 27, 2001. The theme is "Mathematics at the Fair" and NCTM members received an activity booklet with their *March News Bulletin*. Lessons and

activities are also available online at www.nctm.org or from Fax on Demand (800) 220-8483, document numbers 217 and 218.

Provide your students the opportunity to explore math and help make this event a success.

Need a Ride?

Southwest Minnesota Mathematics Teachers Association is offering transportation and lodging for the MCTM Spring Conference. Two fifteen-passenger vans have been reserved to provide transportation. Pick up routes will be determined after registration is complete.

Lodging will be at the Hampton Inn. The Hampton Inn is located in Canal Park, two blocks from the DECC. SMMTA has 10

non-smoking rooms reserved, each with two double beds. Cost for the trip is approximately \$130 per person. This includes transportation and two nights lodging. Lodging is calculated on the basis of two persons in a room with 2 beds. Van costs are calculated assuming 10 people in each fifteen-passenger van. For more information, contact Garret Fritzemeier, Adrian High School, 410 Indiana Ave., Adrian, MN 56110 (email: gfritzem@adrianschool.com).

MCTM Board of Directors Election Results

The votes have been counted and certified. MCTM members elected the following people to the Board of Directors:

- District 3 Director: Judy Pfingsten
- District 6 Director: Dennis Holt

- Vice President Middle School/Junior High: Genni Steele
- Vice President Mathematics Education: Kathleen Cramer

Congratulations to the new Board members!

Summer Professional Development Opportunities

Spring is here, which means summer can't be too far behind. If you're interested in growing professionally this summer, consider taking advantage of the following opportunities for mathematics educators. The programs are listed alphabetically by title and include information about the intended audience, dates, location, cost, sponsoring institution, contact address or phone number, and program description. For detailed information, contact the institution or organization sponsoring the program.

CabriWorld International Conference, geometry teachers, June 14–17, Montreal, Canada, \$75/day or \$240/4 days (Canadian \$), www.cabriworld.net/2001/eng/index.html.

This conference is designed for people who are interested in thinking about the teaching and learning of geometry in a technology based environment.

Chance and Data Analysis Academy, secondary teachers, 4 days in June and August, various locations, \$25/day, CFL and SciMathMN, sharon.stenglein@state.mn.us.

Deepen your understanding of this content area, receive resources, and experience best practice in mathematics.

Curriculum Fair, elementary and secondary teachers, August 13–15, St. Cloud Civic Center, \$25/day, SciMathMN, www.scimathmn.org or (651) 582-8852.

Learn about standards-based, comprehensive mathematics and science curriculum materials.

DIMACS Connect Institute 2001, secondary mathematics and computer science teachers, 7/9 – 8/3, Rutgers University, stipend for participants, National Science Foundation, dimacs.rutgers.edu/dci/2001/ or Christine Spassione at (732) 445-4304.

DIMACS, the Center for Discrete Mathematics and Theoretical Computer Science, is offering a “research experience for teachers” program. The theme is “Graph Theory and its Applications to Problems of Society.”

Implementing Standards-Based Math, elementary and secondary teachers, 4-5 days in June, July, and August, various locations, \$300–\$350, CFL and SciMathMN, sharon.stenglein@state.mn.us.

Initial training and follow-up sessions for teachers using a standards-based curriculum.

MASP2 Workshops, elementary and secondary teachers, 1 week for successive years of the curriculum, June and August, various locations, free for MASP districts and small fee for non-MASP districts, Minneapolis and St. Paul Area Merging to Achieve Standards Project, (612) 624-4057.

These workshops address the needs of teachers of NSF curricula: Core+, IMP, ARISE, CMP, STEM, and Mathscape.

Shape, Space & Measurement Academy, elementary teachers, June and August, various locations, \$25/day, CFL and SciMathMN, sharon.stenglein@state.mn.us.

Deepen your understanding of this content area, receive resources, and experience best practice in mathematics.

Teaching Elementary School Mathematics (MthE 5101), elementary teachers, 6/18 – 7/6, University of Minnesota, U of MN tuition, Jeremy Kahan at (612) 624-1516 or kahan002@umn.edu.

This course aims to help in-service teachers reflect on and prepare for the changes in elementary school mathematics.

Look for more exciting professional development opportunities in the next issue of *MathBits*.

**2001 MCTM Teacher Incentive Grants
Application Form**

Fill out this form on-line or print it and send via surface mail to the address at the bottom.
Deadline: June 1, 2001

Name: _____

Grade Level(s): _____

School Name: _____

Home Phone: _____ School Phone: _____

Home Address:

Street: _____ City: _____

State: _____ Zip: _____

School Address:

Street: _____ City: _____

State: _____ Zip: _____

E-mail Address: _____

Note: The following four spaces should be filled with a total of no more than the equivalent of
one typewritten page.

1. MN Mathematics Graduation Standard addressed:

2. Summary of proposal and implementation plan:

3. Method of evaluation to measure student learning:

4. Amount requested:

Send printed forms to:
Mary Kennedy
610 3rd Avenue S.W.
Perham, MN 56573

Presentation Proposal
Minnesota Council of Teachers of Mathematics
Fall Conference Friday, 19 October 2001
North High School, North St. Paul

Name _____

Preferred Mailing Address (This address will be used for all correspondence with you)

Street/PO Box _____

City/State/Zip _____

Home Phone _____ Work Phone _____ Fax _____

Email Address _____

Name and school or professional affiliation as they should appear in the conference program.

Name (Please print clearly)

Affiliation _____

City/State _____

Please circle the appropriate grade levels for your presentation:

K 1 2 3 4 5 6 7 8 9 10 11 12 College General

Presentation category: ___ 45 min. session ___ double session ___ "Table Talk" lunch session

Title of Presentation: (Two lines maximum, 36 spaces per line maximum)

Additional Description for Program – Optional (20 words maximum)

Equipment or facilities needs:

___ Second Overhead ___ Calculators-Model TI - ___ ___ VCR/Monitor

Other needs: _____

Please return by 5/15/01 to: Cathy Wick, 161 South Finn Street , St. Paul, MN 55105
Email: cathyw@stcloudstate.edu
Any questions? Call: (651) 699-0506

Mark Your Calendar

2001

4/4 – 4/7	NCTM 79th Annual Meeting, Orlando, FL
4/27 – 4/28	MCTM Spring Conference, Duluth, MN
10/11 – 10/13	NCTM Regional Meeting, Madison, WI
10/19	MCTM Fall Conference, North High School, North St. Paul, MN (see Presentation Proposal form on page 7)

2002

3/22 – 3/23	MCTM Spring Conference, Duluth, MN
4/21 – 4/24	NCTM Annual Meeting, Las Vegas, NV

Is your membership current? The date on the mailing label of this newsletter indicates the date your membership expires. Your membership can be renewed online at www.mctm.org.

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