

ASSOCIATION OF TEACHERS OF MATHEMATICS
IN WESTERN MASSACHUSETTS, AN AFFILIATED
GROUP OF THE NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

MATHWEST NEWS

FEBRUARY 2001 Volume 14, Issue 1

Join Us

For Good Conversation
and Some Fabulous Food

GENERAL MEMBERSHIP MEETING MARCH 8th

Our next meeting will be a dinner meeting to be held at the Holyoke Holiday Inn beginning at 3:30 PM. Our main speaker for the evening is James Sansalone, who will focus on the Hubble Space Telescope. So come meet other members of your mathematics community while learning a little at the same time.

The cost will be \$10 per person for the evening. Mark your calendar now and mail your check to MATHWEST so you don't miss this great meeting. If you are one of the first twenty members to register for the meeting, you get your membership extended for a year!

Look inside for more information about this event!
Please duplicate page 3 and distribute the information on this meeting to your colleagues.

Inside this issue is more information and directions to the next general membership meeting.

An application for the Mary Alice Wilson Grant is enclosed. Receive \$1000 to help promote understanding and appreciation in mathematics education.

We also need your help to update our membership data base. See your personal profile inside and make the necessary changes.

**VISIT MATHWEST'S
OWN WEB SITE**

www.wgby.org/edu/mathlink

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FRAMEWORKS CONFERENCE
May 4, 2001

The Department of Education is expected to roll out their math frameworks at a conference on May 4th in Westborough with Governor Cellucci, Lieutenant Governor Swift, the Commissioner, and a "panel of distinguished mathematicians and mathematics educators" including Paul Sally, Roger Howe, Carole Greenes, Wilfried Schmid and Liping Ma.

It is important that we attend this conference. Some believe that we really need to try to have a presence here, since the press will certainly be there and that this event will afford an opportunity to ask some questions that can put some on the spot. We can have folks opposing the current framework ready to ask critical questions, as well as members of our mathematics organizations. This is a great opportunity to bring the issues to the public.



NCTM EASTERN REGIONAL CONFERENCE
Mainely A Math Odyssey
Portland, Maine
November 1st - 3rd, 2001

Speakers are needed to present at the NCTM Eastern Regional Math Conference. Shortly, the program committee will select speakers based on state, level, and topic. If interested, submit your name, address, and phone number as well as the topic of your presentation, the standard it addresses, and the level for which it is intended to the committee. All information can be sent to: Jackie Mitchell, 27 Alpine Road, Portland, ME 04103 or email her at: jadamitchell@aol.com.

2002 ANNUAL NCTM MEETING
April 21 - 24, 2002
Las Vegas, Nevada

The 2002 Annual Meeting of the NCTM will be in Las Vegas, Nevada, Sunday, April 21-Wednesday, April 24. The major venues will be the Venetian, the Sands Expo Center, and Harrah's.

The theme for this Annual Meeting is "Realizing the Vision of School Mathematics." The vision is explained in *Principles and Standards for School Mathematics* which was released in April. The Program Committee is seeking speakers who can share first-hand classroom experiences in implementing these standards.

A common problem in putting together a national or regional program is the lack of K-12 classroom teachers who propose to present sessions. We are asking your help in encouraging the best speakers from your state/provincial and regional conferences to submit proposals to speak in Las Vegas. Information about the types of sessions, criteria for selection, answers to other frequently asked questions, and the proposal form are available online at www.nctm.org/meetings or through NCTM's Fax on Demand service, 1-800-220-8483, document #455. Proposals must be submitted by March 15, 2001 to be considered.

If you need assistance in submitting a proposal online, please contact the Program Manager, Lorenda Wieder, in the NCTM Conferences Department at lwieder@nctm.org. If you have any questions about the program, please contact the Program Chair, Carol A. Edwards, at cedwards@nctm.org.



Come to NCTM's 79th Annual Meeting
Orlando, Florida ★ April 4 - 7, 2001

**Math World: New Standards
for the New Millennium**

- ★ More than 1000 sessions for professional development
- ★ More than 200 exhibitors of math products and resources
- ★ The latest NCTM publications and products
- ★ Networking, sharing ideas, and more!

Make your reservations now!
For more information, visit www.nctm.org.

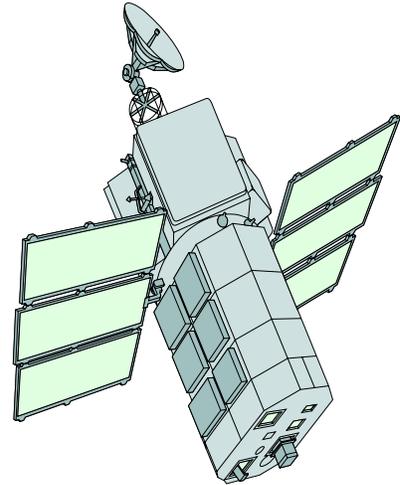
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MATHWEST GENERAL MEMBERSHIP MEETING

THURSDAY, MARCH 8, 2001
HOLIDAY INN ~ HOLYOKE
PROGRAM STARTS AT 3:30 PM

SCHEDULE OF EVENTS

3:30 PM	Welcome
4:00 PM	K- 6 Speaker: Janice S. Kibbe 7 - 12 Speaker: Kristopher Wiemer
5:00 PM	Dinner
6:00 PM	Keynote: James Sansalone



Did you know that NASA's mission is more than just space exploration? A big part of NASA's mission is to provide educators with resources and activities for the classroom.

Our keynote speaker is **James Sansalone** who will speak about the Hubble Space Telescope, from its launch in April 1990 until the present. Jim will discuss the initial problems with the telescope, the successful solution of those problems as well as the addition of new scientific instruments.

For several years, Jim has made presentations about NASA. He is currently working with scientists and engineers at the Goddard Space Flight Center. His association with this group has served as the link to an "Inquiry into Aerospace Education" course that Jim teaches at AIC. As part of that course students fly to Goddard to get an in-depth tour of the facility. He also works with the Space Club at the Milton Bradley Elementary School in Springfield.

Janice S. Kibbe is the Science/Technology Resource Person located at the Sumner Avenue School in Springfield and teaches technology classes at Elms and Springfield College. She has taught a two-week Space Camp for the Springfield Public Schools funded by an NSF grant. She is also certified to borrow moon rocks and meteor samples from NASA. Her workshop, *Graphing in Space*, will consist of hands-on activities that involve a variety of graphs, problem solving, and technology.

Kristopher Wiemer is the Academic Computing Coordinator for the Williston Northampton School. He is an alumnus of the NASA Educational Workshops and participated in the National Student Involvement Program where he launched an experiment on the Space Shuttle Atlantis in September 2000. In his workshop we will try some hands-on aeronautics activities, discuss some web and text resources, and talk about the NSIP program.

REGISTRATION:

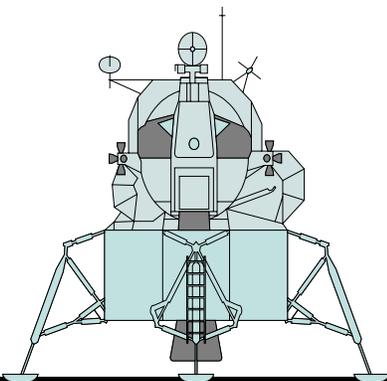
The first twenty MATHWEST members to register for the dinner meeting get their membership extended for a year. Send you check for \$10 per person to MATHWEST, P.O. Box 784, Easthampton, MA 01027

DIRECTIONS:

The Holiday Inn is at the crossroads of New England. Directly off I-91 at Ingleside exit.

From the North: Take I-91 South to the Ingleside exit (Holyoke Mall). Take a left off ramp, and at next light, take a left. Hotel entrance will be on your left after corner gas station.

From the South and Mass Pike: Take Mass Pike to exit 4 and follow I-91 North to the Ingleside exit (Holyoke Mall). Take a right off the ramp and merge into the left lane. At the next light, take a left. Hotel entrance will be on your left after corner gas station.



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PROFESSIONAL DEVELOPMENT OPPORTUNITIES

AP CALCULUS ROUND TABLE DISCUSSIONS

One of the topics at recent meetings of the MATHWEST Board of Directors has been how we can serve the needs of our members, and help them in their professional responsibilities. One of the ideas that was suggested was to have a discussion / support group for teachers who are teaching AP Calculus courses in their respective high schools. Since many teachers are retiring from the profession, new teachers are taking on this immense responsibility. This would be an opportunity for both veteran and new AP Calculus teachers to come together and share ideas on how to offer the best possible program to their students. The first meeting would be held in mid-March. If you are interested in participating, please contact Lyn Heady at lheady@hotmail.com or Scott Trahan at sltrahan@aol.com.

SUMMERMATH FOR TEACHERS

SummerMath for Teachers has been offering two-week summer institutes since 1983. These programs are held at Mount Holyoke College, draw teachers from all over the country, and award four graduate credits in mathematics education. This year the dates are July 1 - July 13 (half day on July 4). They run one program for teachers of grades K-6 and one for teachers of grades 7-12. The program fee is \$1200 for those who reside here and \$800 for those who commute. To request information teachers can call (413) 538-2063 or email smt-dmiinfo@mtholyoke.edu.

There is also a special program totally funded by the Hughes Medical Foundation. This project is for secondary teachers who are engaged in or interested in implementing inquiry-based mathematics. Sixteen teachers will be accepted into this program. Those that are chosen to be Hughes Fellows will attend the summer institute, receive the four credits, meet for three follow-up days, and write about their classroom work during the academic year. The program is fully funded by Hughes and Mount Holyoke College. There will be no charge for the participants. They hope to recruit 8 sites from around New England (with two teachers from each site) into this project.

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GRAPHING CALCULATOR WORKSHOP

MATHWEST would like to offer a graphing calculator workshop to members in the fall of 2001. The workshop would be a 10 hour mini-course in which participants could possibly earn PDP's for their work. Topics for such a workshop could include the use of the TI-83 Plus in the classroom, design lessons for the classroom using the CBL and its probes, and even a demonstration of the new software program, *TI-Interactive!* In order to plan for this workshop, we need to hear from you. If you are interested, please contact Scott Trahan at sltrahan@aol.com. Arrangements such as location and time will be made to accommodate those who show an interest. So let us know what you think.

TEACHERLINE

Perhaps you already heard about TeacherLine. WGBY is one of 16 PBS stations nationwide that was chosen to pilot this comprehensive on-line professional development opportunity that includes video-rich web-based modules with learn by doing lessons, readings, assignments, collaboration opportunities and assessment. The virtual experience models the on-site NCTM Professional Development Academies and align ISTE and NCTM standards. Information on the program can be found at the TeacherLine web site www.pbs.org/teacherline or by contacting Sarah Cothran, manager of educational services at WGBY at scothran@wgby.org.

THANK YOU

The 2000 NCTM Eastern Regional Conference committee would like to thank the corporate sponsors who helped make our conference such a success. **Prentice Hall** donated the needed funds for the Balomenos reception following the lecture given by Ruth O'Malley on Thursday night. Because of **Mc-Dougal Littell**, conference participants were able to enjoy an affordable buffet breakfast on Saturday morning and learn a little about Springfield native, Dr. Suess. Student hosts were easy to locate because of the bright yellow t-shirts donated by **Scott Foresman / Addison-Wesley**. Please thank these textbook representatives when you see them.

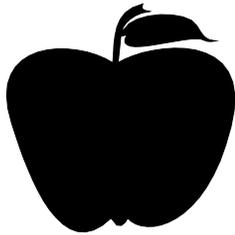
THE MARY ALICE WILSON GRANT

GRANT APPLICATION

While associated with The Five College/Public School Partnership, Mary Alice Wilson was instrumental in the first PIMMS Initiative from which the decision to fund MATHWEST originated. The Mary Alice Wilson Grant is funded by MATHWEST, The Association of Teachers of Mathematics in Western Massachusetts, for the purpose of enhancing mathematics understanding and appreciation in grades K-16. Grants are awarded annually for up to \$1,000 per year. All members of MATHWEST are eligible to receive the award.

Name of Applicant: _____

Mailing Address: _____



Phone: _____

Fax: _____

Email: _____

School System: _____

School Name: _____

Years of teaching experience: _____

Amount requested: _____

*Please return proposal by **April 16, 2001**. Grants are awarded in June with the final written report due by May 1 of the following year.*

Return Proposal to:

*MATHWEST
PO Box 784
Easthampton, MA 01027*

Summarize your proposal on no more than two pages and include:

- a. goals and objectives
- b. the population to be served
- c. tasks to complete the project
- d. timeline
- e. evaluation instrument
- f. how it will affect the MATHWEST membership
- g. project budget



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Revised January 2001

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Happy
Valentine's
Day

COMMITTEES