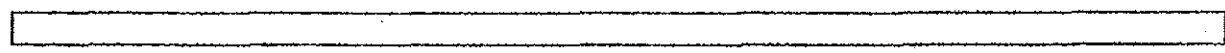


Jan/Feb 93

ROCKY MOUNTAIN SECTION OF THE MATHEMATICAL ASSOCIATION OF AMERICA

Officers for 1992-1993

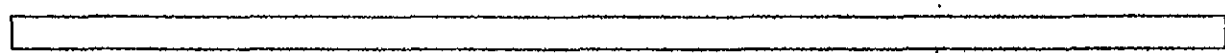
- Chairperson: Gary Grefsrud, Fort Lewis College
Durango, Colorado, 81301 (303) 247-7336
- Vice-Chairperson: Corinne Brase, Arapahoe Community College,
5900 S. Sante Fe Dr., Littleton, CO 80221
- Chairperson-Elect: Tom Kelley, Metropolitan State College
2025 Lee St. Denver, CO. 80215-1415 [e-mail KELLY@ZENO.MSCD.EDU]
- Past Chair: Laurel Rogers, University of Colorado at Colorado Springs,
Austin Bluffs Parkway, Colorado Springs, CO 80933-7150 (719) 593-3301
- Secretary/Treasurer: Bill Ramaley, Fort Lewis College
Durango, CO 81301 (303) 247-7268
- Governor: John H. Hodges, University of Colorado at Boulder
Campus Box 426, Boulder, CO 80309-0426 (303) 492-7564



SPRING MEETING of ROCKY MOUNTAIN SECTION											
*	*	*	*	*	*	*	*	*	*	*	*
Colorado School of Mines in Golden, Colorado, April 2 and 3, 1993.											

Notices of other meetings -

- ColoMATYC meets at Pueblo Community College on Friday, March 12
- Intermountain Section of MAA, 9-10 April, 1993, U. of Utah, Salt Lake, UT
- MAA, 15-19 August, 1993, Sixty-eighth Summer Meeting, Vancouver, British Columbia
- MAA, 12-15 January, 1994, Seventy-seventh Annual Meeting, Cincinnati, Ohio



Update from John Hodges, Governor of the Rocky Mountain Section.

Our campaign to obtain donations in memory of **Burton W. Jones** has raised \$3245 as of December 31, 1992. This money for the MAA Math Center in Washington insures the mounting of a plaque in the Center's lobby with his name. There were 18 new contributors in response to our special appeal. All of these people are to be thanked and I hope others will also join in this recognition of one of our sections most dedicated members by adding their own donation.

News from Departments in the Section

Adams State College

Sunan Han (Ph.D. Computer Science, U of Texas at Dallas) has joined the faculty.

Adams State has received a grant from AT&T/NCR for a "general computer lab" for mathematics and science visualizations. The grant included 20 -- 80386 SX's and an 80486 network server, in addition to various other hardware. The total value of the grant is \$145,264. A second grant awarded to the Mathematics and Computer Science department was an Autodesk Education Grant for graphics oriented software. The value of this is \$14,869

Community College of Denver, Auraria Campus

Gudryn Doherty, the Mathematics Coordinator, welcomes new faculty members, Rodney Bain, (Ph.D., University of Colorado) and Jacquelyn White (M.A., University of South Florida in Tampa)

University of Northern Colorado

Richard Grassl, after 20 years at University of New Mexico and 2 years at Muhlenberg College in Pennsylvania, has joined the faculty as its new Chair. Other new faculty are: Sinai Robins (Ph. D., UCLA), Ricardo Diaz (from Princeton and Texas A&M), Magdy Metry (U. of Pittsburg, applied Statistics), and Dean Allison (on a two year appointment, a geometer from Southern Illinois Univ.)

Rex Schueers is in transitional retirement and Joan Richardson retired last year. In other departmental news -- the NSF awarded UNC a \$52,000 grant to support a computer laboratory for calculus. Furthermore, UNC has begun a *Northern Colorado Mathematics Contest* open to students in grades 7-12. The first round of questions has been mailed out to the schools. Ten percent of the winners are to return to UNC for a second round in February of 1993.

Pikes Peak Community College

Sharon R. Davis reports PPCC will be using the University of Arizona Software in some of their mathematics classes this spring. They will be using the TI-85 calculators in some classes. The introduction of technology into the mathematics classrooms is a current priority for PPCC

University of Southern Colorado

On leave:

Jim Louisell is currently participating in a symposium on Control Theory at the University of Minnesota, Minneapolis, where he is also teaching during the Spring semester.

Tensia Soto-Johnson is on educational leave, completing her PhD in Math Education at the University of Arizona, Tucson. Roger Johnson is also on sabbatical leave and is conducting research at the University of Arizona Statistics Department, Tucson. (The two were married in December, 1992.)

Bud Allen is on administrative leave from the department to work with the USC-District 60 Alliance.

Special grants and research programs:

Jim Louisell received a Colorado Space Grant Consortium Award for Fall 1992 to support preparation of a proposal entitled "Stability and Control for Delay-Differential Systems".

Fernando Burgos and John Gill both received USC Faculty Scholarly Activities Grants during the 1992-93 academic year for support of their research in Statistics ("Comparisons of populations using Hypotheses Testing") and Continued Fractions respectively.

The department is currently upgrading the Mathematics Resource Center with a Macintosh computer lab funded by an NSF Instrumentation and Laboratory Improvement grant (co-authors Paul Chacon, Janet Heine Barnett and James Derr). The lab will be used for Senior Research Projects, class projects and the COMAP Mathematical Contest in Modeling in which the department has sponsored teams for three semesters (sponsor Paul Chacon).

Two students are completing faculty directed research projects in mathematics funded by the Coalition to Increase Minority Degrees; these are Azucena Adames, "Better Tests in Statistics", directed by Fernando Burgos, and Ray Roque, "Geometrical Construction Problems", directed by Janet Heine Barnett. The Coalition to Increase Minority Degrees is also funding the Las Hermanas-MEChA Mathematics Peer Study Group for the third consecutive semester (faculty directors: Janet Nichols, Tensia Soto-Johnson, Paul Chacon, Janet Heine Barnett, and Tammy Watkins).

The University of Southern Colorado Math Club (club sponsor: Gil Orr) has been very active this year. An active core membership has been bolstered by about ten new members this fall.

Other Department News:

Volume 1 of Communications in the Analytic Theory of Continued Fractions appeared in Spring 1992. John Gill, who was instrumental in its initiation, serves as the United States editor. The publication of this international journal is sponsored by the University of Southern Colorado.

The Sixteenth Annual USC Math Day (directors: Janet Nichols and Dave Phillips) was held on November 19, 1992 with corporate funding provided by BF Goodrich. 36 high schools participated in the Math Bowl Team Competition, while 422 students participated in the Swanson Competition. Teacher workshops were also conducted by participating high school teachers George Daniels and Dan Swomley.

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**PRELIMINARY ANNOUNCEMENT
of
ROCKY MOUNTAIN SECTIONAL MAA MEETINGS
at
COLORADO SCHOOL OF MINES
on
April 2-3, 1993**

It is time to begin shaping the program for our annual Sectional MAA Meetings, this year to be held on the CSM campus. This is an attempt to inform you about the program ideas currently planned and solicit your ideas on themes for sessions and/or panel discussions. Also, this is a preliminary call for papers; we are confident we can group any of your papers in a logical format. None of the following is etched in stone and there is plenty room for your ideas.

Professor John W. Kenelly of Clemson University will be the Banquet speaker on Friday night and give a keynote address on Saturday morning after the Business Meeting, as is often done.

There will be a session in honor of John H. Hodges organized around the theme of Matrix Theory and/or teaching. Duane Porter volunteered to lead off that session with a tribute to John and his professional life.

We expect to run a workshop on Electronic Classrooms. Bill Emerson expressed interest in conducting one on what they are doing at Metropolitan State College. One or more faculty at CSM will report on what we are doing. We would plan to hold these and others in our NeXT Calculus Laboratory, which has 24 stations and a server which can be used with the overhead projection system.

Another suggestion was made to hold a workshop on SUMMA (Strengthening Underrepresented Minority Mathematics Achievement).

Of course, there will be a MAA Book Sale and displays on Friday afternoon. The usual timeframe will be utilized, approximately Friday noon through Saturday noon. Expect that there will be 2 or 3 concurrent sessions at various times.

Your input is seriously solicited on themes, workshops, panels, and volunteers to serve on panels. Papers and other input will be needed about March 1, 1993, but that is not yet a firm deadline. If it is convenient for you, you may correspond by e-mail as follows: oscar@isabella.Mines.Colorado.EDU

A.J. Boes & Willy Hereman
Sectional MAA Meetings
Department of Mathematical and Computer Sciences
Colorado School of Mines
Golden, Colorado 80401



CONFERENCE INFORMATION FORM

ROCKY MOUNTAIN SECTIONAL MAA MEETINGS

Colorado School of Mines, Golden, Colorado

April 2-3, 1993

Name: _____
Organization: _____
Address: _____

Telephone: _____
e-mail: _____
FAX: _____

Do you wish to be a speaker? _____ Yes _____ No

If yes, please send Title and Abstract (no more than 200 words) or e-mail
your TeX file to WHEREMAN@FLINT.MINES.COLORADO.EDU

Do you wish to conduct a workshop _____ Yes _____ No

Workshop suggestions: _____

Do you wish to serve on a panel? _____ Yes _____ No

Panel discussion suggestions: _____

Do you temporarily plan to attend the banquet? _____ Yes _____ No

Do you temporarily plan to stay overnight in a hotel/motel? _____ Yes _____ N

Mail to: Ardel J. Boes & Willy Hereman
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