

## Rocky Mountain Section of the Mathematical Association of America

Check our Web page <<http://www-math.cudenver.edu/~maa-rm>>

Chair: **Karen Whitehead** <[kwhitehe@msmailgw.dsdt.edu](mailto:kwhitehe@msmailgw.dsdt.edu)>

Vice-Chair: **Al Skillman** <[skillman@acad.cc.whecn.edu](mailto:skillman@acad.cc.whecn.edu)>

Chair Elect: **Shahar Boneh** <[bonehs@mscd.edu](mailto:bonehs@mscd.edu)>

Past Chair: **Darel Hardy** <[hardy@math.colostate.edu](mailto:hardy@math.colostate.edu)>

Sec'y/Treas: **Bill Ramaley** <[ramaley\\_w@fortlewis.edu](mailto:ramaley_w@fortlewis.edu)>

Governor: **Janet Barnett** <[jbarnett@uscolo.edu](mailto:jbarnett@uscolo.edu)>

\*\*\*\*\*

### News from U. of Colorado-Boulder

**William B. Jones** retired in December, 1996. **Irwin Fisher** retired in May, 1997 and, unfortunately, died September 30 of that year.

**Burton W. Jones** was a lifelong advocate of excellence in teaching at all levels and a strong supporter of the MAA, its members and programs. In honor of his memory a motion will be introduced at the Spring meeting of our section to name the Distinguished Teaching Award for him. Hence, it would become the *Burton W. Jones Distinguished Teaching Award*.

\*\*\*\*\*

This year at our meeting banquet we are going to recognize some more of the longtime members of the MAA. The thirty-five year members will include: **William Bosch, Ann Garstang, Darel Hardy, Larry Johnson, Ronald Loser, Robert Mollo, A Duane Porter, Rebekka Struik, Edgeworth Westwater, and Ronald Williams**. The forty-year members are: **Nicholas Callas, Bruce Feldmeyer, William Guenther, Sandra Hilt, Laurel Rogers, and Elizabeth Troxell**. Forty-five: **Nellie Fletcher**. Fifty: **William Atchison, Raymond Gutzman, and Burnett Meyer**. Fifty-five: **Fred Carpenter**.

\*\*\*\*\*

At our last meeting of the Section we voted in favor of expanding the Executive Committee of the Section to include members of the NCTM. This motion was not accepted by the national MAA Committee on Sections. However, they appreciated our intent to become more inclusive of math educators at all levels. The following motion has the informal approval of the Chair of that Committee on Sections and it addresses our concerns to a significant degree. Hence the Executive Committee will move and recommend the following:

### **Motion (to be made at the Rocky Mountain Section Meeting, Ap 18, 1998).**

A Committee on Professional Linkages consisting of not more than five members will be formed to address issues of collaboration and coordination with other professional organizations in our region. Membership will include:

MAA Rocky Mountain Section Chair (as a representative of 4-year colleges)

MAA Rocky Mountain Section Vice-Chair (as a representative of 2-year colleges)

The NCTM Delegate of each of the NCTM affiliates in our region  
(as representatives of K-12 education)

Members of the Committee on Professional Linkages will be included in and informed of any business transacted by the Executive Committee, including the Annual Meeting of the Executive Committee.

The Committee on Professional Linkages will be responsible for the proposal and review of recommendations concerning collaborative efforts, joint meetings, or other activities which address professional linkages in keeping with the Section Mission Statement.

\*\*\*\*\*

If you have any topics and/or organizers for the Sessions of Contributed Papers for the Winter 1999 (San Antonio) national meeting, then contact **Karen Whitehead** as soon as possible.

\*\*\*\*\*

### Project NExT Funding

The MAA has funds from Exxon Education Foundation for Sections to initiate Project NExT-like programs. This is a program for excellence in teaching. If someone wishes to request funding for a program, contact Janet Barnett or Bill Ramaley for more details. While each Section might have a somewhat different program, the national MAA hopes that any Section would have the following aspects:

(a) The activity would become a regular, long-term program of the Section. For example, there would be sessions or other activities at each Section meeting that would attract faculty in the early stages of their careers.

(b) There would be an electronic network established to link the beginning faculty and provide support and resource information.

\*\*\*\*\*

The Ohio State University has scheduled sixty 1½ to 5-day short courses. These are hand-held-technology short courses and are offered at colleges and universities in twenty-three states. For more information go to <[http://www.math.ohio-state.edu/short course](http://www.math.ohio-state.edu/short%20course)> Or send an e-mail to Ed Laughbaum at

<[elaughba@math.ohio-state.edu](mailto:elaughba@math.ohio-state.edu)>. Or write to him at The Ohio State University, 231 West 18th Ave. Columbus, OH 43210. The program is endorsed by the AMATYC

\*\*\*\*\*

## ROCKY MOUNTAIN MATHEMATICA®

A Residential Course to Develop *Mathematica* Skills at the Introductory and Intermediate Levels July 6–11, 1998

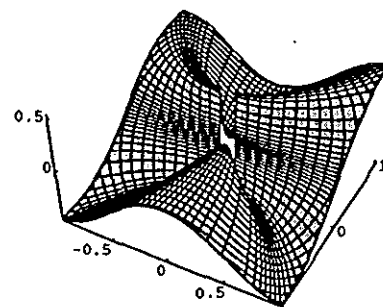
**Venue:** Hampton Inn, Silverthorne, Summit County, Colorado, 9000 feet above sea level.

**Instructors:** Ed Packel, Lake Forest College, author of *Animating Calculus*

Stan Wagon, Macalester College, author of *Mathematica in Action, Animating Calculus, and VisualDSolve*

The courses are aimed at teachers of mathematics and science for whom *Mathematica* will be extremely useful. Examples from a variety of undergraduate courses — calculus, number theory, numerical analysis, linear algebra, modern algebra, differential equations — will be presented, along with ample discussion of the many new features of version 3.0. The instructors have experience in industrial applications and encourage participation by non-academic users of *Mathematica*.

No prerequisites are necessary for the introductory course. Students in the intermediate course should have some prior experience with *Mathematica*. There will be ample lab time during which the instructors can provide individual help; participants are welcome to suggest projects for implementation. High school teachers and others should note that graduate course credit (Univ. of Colorado) is available for the introductory course.



Surface with special coordinate system; by Wagon and Ron Goetz, a former student.

Tuition fee: \$550 (includes use of *Mathematica* and complete course notes). Participants must bring a computer able to run *Mathematica*; some rental computers are available. Reduced rate lodging is available at the Hampton Inn ((800) 321-3509). There will be morning and evening lectures and workshops with free time in the afternoons to enjoy the spectacular and cool high mountain environment.

For more information contact: Ed Packel, [packel@math.lfc.edu](mailto:packel@math.lfc.edu), (847) 735-5155, or Stan Wagon, [wagon@macalester.edu](mailto:wagon@macalester.edu), (970) 468-0977. Our web site is: "[http://math.lfc.edu/Rocky\\_Mtn\\_Mathematica/](http://math.lfc.edu/Rocky_Mtn_Mathematica/)".

The instructors have taught many *Mathematica* courses for teachers and professionals. Here is a typical testimonial: "*The course was an excellent source of practical information about how to make more effective use of Mathematica's capabilities. I'll be consulting the class notes and materials for a long time to come.*" — Dan Callon (Franklin College, Franklin, Indiana)

Sponsored by Springer-Verlag, Inc., and Wolfram Research, Inc.

Rocky Mountain Section of the MAA  
ColoMATYC  
1998 Annual Meeting  
April 17-18, 1998  
Final Call for Papers, Meeting Registration & Schedule

Location (Map Included)

- Sessions in the Main Building, Arapahoe Community College, Littleton, Colorado
- Banquet at the Radisson Hotel Denver South, I-25 and Arapahoe Road

Dates

Friday, April 17, 12 - 9 PM, and Saturday, April 18, 8 AM - 12 PM

Friday, April 17

- 11:00-4:00 **Meeting Registration**; 2<sup>nd</sup> Floor Lobby, Main Building  
11:00-12:15 **MAA Executive Committee Lunch**, M128  
12:30-12:45 **Welcome**; Dr. James Weber, President, ACC  
12:50-2:00 **Invited Address**, Recipient of the 1997 MAA  
*Distinguished Teaching Award*, Tom Kelley, Metropolitan  
State College of Denver; *Molasses, Maclaurin, and Oil: A  
Series of Surprising Connections*, M201  
1:00-5:00 *Publishers' Exhibits*, M342  
1:00-5:00 **Hospitality Room**, M342  
2:00-2:30 **ColoMATYC Business Meeting**  
2:00-5:00 **Special Session: History of Math** (Organizer: Janet  
Barnett, University of Southern Colorado;  
jbarnett@uscolo.edu)  
2:00-5:00 **ColoMATYC submitted talks** (Organizer: Corrinne Brase,  
Arapahoe Community College; cbrase@arapahoe.edu)  
2:00-5:00 **Student Session** (Organizer: Michelle Intermont, Mesa State  
College; mintermo@mesa7.mesa.colorado.edu)  
2:00-5:00 **Other Presented Paper Sessions**  
6:00-9:00 **Cocktails and Banquet**, Radisson Hotel Denver South  
8:00pm **Banquet Talk: Math Mag Morsels**, Paul Zorn, Editor of  
*Mathematics Magazine*; St. Olaf College, Northfield,  
Minnesota

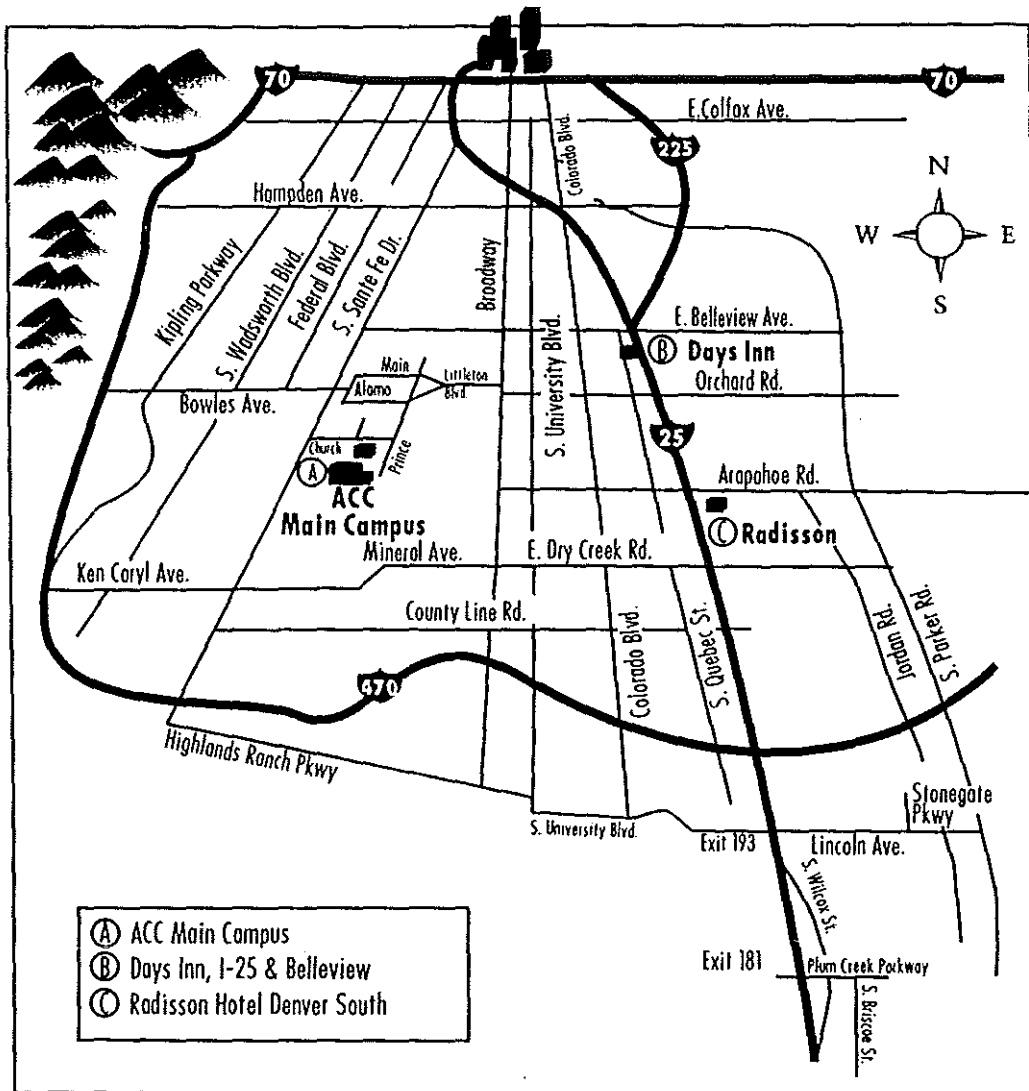
Saturday, April 18

- 8:00-8:45 **MAA Business Meeting**  
9:00-5:00 **CCTM** (Colorado Council of Teachers of Mathematics)  
Business Meeting  
9:00-10:00 **Invited Address: The Bieberbach Conjecture: A Broad  
Historical View and a Close Look with Technology**, Paul Zorn  
10:00-11:00 **Panel Discussion: Entry Level Competencies** (Organizer:  
Ben Manvel, Colorado State University)  
10:00-11:00 **Panel Discussion: Changes to the Core Curriculum**  
10:00-12:00 **Presented Paper Sessions**  
1:05pm **ATLANTA BRAVES VS. COLORADO ROCKIES, COORS FIELD**  
(Limited number of tickets available at \$8 each.)

Keep updated on the section meeting at:

<http://www-math.cudenver.edu/~maa-rm>

For additional information on Denver hotels/motels, look here:  
<http://usacitylink.com//denver/denstay.html>



### Accommodations

*(Please call the hotel directly to make reservations and identify yourself with the MAA.)*

- Radisson Hotel Denver South, 7007 S. Clinton (one block East of I-25 on Arapahoe Road, turn South on Clinton), (303)-799-6200 or (800)-333-3333. Conference rates are \$69 per day (single or double occupancy). The Radisson is 10 miles from the ACC Campus and is the site for the conference banquet on Friday night.
- Days Inn, I-25 and Belleview: Denver Tech Center (one block West on Belleview, turn South on Quebec), (303)-721-1144 or (800)-DAYS-INN. Conference rates are \$62.10 per day (single) or \$71.10 per day (double). The Days Inn is also about 10 miles from the ACC Campus.
- Super 8, I-25 and Belleview (Denver Tech Center), (303)-771-8000 or (800)-800-8000. Conference rates are \$62.50 per day (double). Please identify reservation number 41-595. The Super 8 is right next to the Days Inn.

Rocky Mountain Section of the MAA  
 ColoMATYC  
 1998 Annual Meeting  
 April 17-18, Arapahoe Community College, Littleton, Colorado  
Registration and Final Call for Papers

<i>Last Name</i>	<i>First Name</i>
<i>Institution</i>	
<i>Mailing Address</i>	
<i>Email Address/Phone</i>	

<b>Registration Fees</b> (Pre-register by 4/1/98)	<b>Presentations</b> (Abstracts due 4/1/98) <i>First consideration will be given to abstracts received by March 7.</i>
<input type="checkbox"/> MAA member <input type="checkbox"/> ColoMATYC member <input type="checkbox"/> Other (Above are \$10 before 4/1, \$15 after) <input type="checkbox"/> Student (FREE) <input type="checkbox"/> Friday night banquet (\$24) <input type="checkbox"/> Friday banquet (Vegetarian) (\$22)  <b>Total Enclosed = \$</b>  Make checks payable to: ACC	To give a presentation, please mail, fax, or email a typed, 100-word (maximum) abstract to the contact people below.  <u>Preferred length of talk:</u> <input type="checkbox"/> 15 minutes <input type="checkbox"/> 30 minutes  <u>Preferred time:</u> <input type="checkbox"/> Friday afternoon <input type="checkbox"/> Saturday morning  <u>Special equipment needed:</u>

I am interested in attending the Rockies Baseball Game on Saturday.

If you are interested in organizing a session, workshop or panel, please contact:

<b>Patrick Enright</b> Mathematics Department Arapahoe Community College 2500 West College Drive PO Box 9002 Littleton, CO 80160-9002 303-797-5835 303-797-5935 (fax) Email: penright@arapahoe.edu	<b>Nicole Betsinger</b> Mathematics Department Arapahoe Community College 2500 West College Drive PO Box 9002 Littleton, CO 80160-9002 303-797-5836 303-797-5935 (fax) Email: nbetsinger@arapahoe.edu
--	---

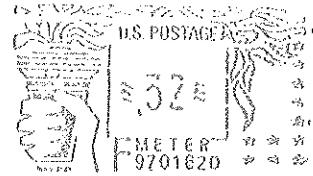
Please send this registration form to one of the contact people above.



Rocky Mountain Section Meeting Official Mail  
Arapahoe Community College Mathematics  
2500 West College Drive  
P.O. Box 9002  
Littleton, CO 80160-9002

State of Colorado

Penalty For



William C. Ramaley  
Newsletter Editor, Rocky Mountain  
Department of Mathematics  
Fort Lewis College  
Durango, CO 81301