

MARYLAND-DISTRICT OF COLUMBIA-VIRGINIA

SECTION OF THE MAA

NEWSLETTER



Section Meeting

November 10 & 11, 1989

Howard University, Washington, DC

*Vol. 11 No. 1*

VOL. 11, NO. 1 EDITOR: JOHN AUGUST August, 1989

Notes from the Chair

The receipt of this first newsletter corresponds to the time when the universities and colleges are welcoming back their students. Plans are also well underway for our Fall Meeting which will be held at Howard University in Washington, DC on November 10 and 11. We hope to see you at the meeting. Details on the banquet, minicourse registration, luncheon and hotel accommodations are contained elsewhere in the newsletter.

Helen Christensen has once again lined up a most interesting program. Dr. Robert Devaney will be our Friday banquet speaker. His talk on computer experiments to investigate chaos, fractals and dynamics promises to be stimulating and of widespread interest. On Friday afternoon, Dr. David Smith will conduct a minicourse on the use of writing in the calculus course. There is increasing interest in the concept of introducing writing into the mathematics curriculum. Attend the minicourse and learn the hows and whys of this endeavor to develop and improve the writing, communication and analysis skills of the students. Our Saturday speaker will be Dr. Marcia Sward who will speak on the challenges facing mathematics for the 1990s.

As you have undoubtedly read, there is a change about to take place in the position of the Executive Director of the MAA. Dr. Alfred Wilcox is retiring after having held the position since 1968. During his tenure the MAA membership has grown from 17500 to 28500 and the Association has become a major force in American college and university mathematics. In addition the publication of titles has greatly expanded. We are grateful for his past leadership and wish him well in the future. His successor, effective September 1, is Dr. Marcia Sward, a fellow Section member and current Director of the Mathematical Sciences Education Board. We extend our support to her as she undertakes this new endeavor.

I wish to extend the gratitude of the Section to three of our members who recently completed terms of office in our Section. Ben Fusaro has served us well as Governor of the Section. We will still be enjoying his services as the Summer Course Coordinator. Mary Kay Abbey was Vice-Chairman for Membership and was thereby responsible for editing and putting out the four newsletters you received each of the last two years. This is a time consuming, and at times frustrating job, which she performed admirably. Finally, Elizabeth Teles completed her term as Chairman of the Section. She led the section well during her term and I look forward to calling on her expertise during the year she serves as Past Chairman.

The MAA is in the process of establishing student chapters. The purpose of these chapters is to attract students to the study of mathematics. Dues will be quite low and the students will have the choice of receiving one of the three journals published by the MAA. Our Student Chapter Coordinator is Dr. William Sanders, James Madison University, Harrisonburg, VA 22807. Further information may be obtained from him.

Any student who presents a talk at a Section meeting receives a free one year membership in the MAA along with a choice of journal. We especially welcome talks by students at our Section meetings. It is not only of benefit to the students, but also to their advisors and the rest of the Section membership.

Robb Koether is handling the Membership Incentive Program for our Section. For each member that we recruit, the Section receives \$10. Contact him for the necessary form. Encourage your colleagues who are not members to join the MAA.

A thank you goes to Tidewater Community College for hosting our Spring meeting. The Mathematics Department did a fine job in welcoming us and even arranged a marvelous weekend weatherwise.

You should have received your dues notice from the MAA for 1990. You can save the MAA the expense of a later mailing if you can pay your dues at this time. Also, your voluntary dues supplement and contribution to the Greater MAA Fund would be greatly appreciated. In addition, it is completely tax deductible.

Any suggestions or comments are warmly encouraged. Please feel free to call or write me or any of the officers.

The addresses and phone numbers can be found at the end of the newsletter.

John Milcetic

Fall Meeting - November 10 and 11, 1989

Howard University is located in Washington, D.C., about 3 miles from the U.S. Capitol. The Gallery Place Metro Station connects to Metro Bus No. 70 which passes by the campus. The Brookland Metro Station by the Catholic University is about one mile and a half. There is no bus shuttle.

A block of rooms has been reserved at the Howard Inn on campus for Friday and Saturday nights. The rate is \$67 for a single room per night and \$72 per night double occupancy. Call 1-(202)-462-5100 to make reservations. Mention that you are attending the MAA Fall Meeting when you call. Space is guaranteed until October 10. Following is a list of other hotels that are within 5 miles of Howard University.

Lodgings - Hotels

Hotel/Inn	Phone	Distance	Room Type	Rate
Holiday Inn	1-301-589-0800	5 miles	1-301-565-3144	\$51.65 Single \$62.65 Double
Econo Lodge	1-301-565-3144	4 1/2 miles	1-202-183-2000	\$51.65 Single \$62.15 Single \$72.97 Double
Days Inn	1-301-588-4100	4 1/2 miles	1-202-162-5777	\$51.65 Single \$62.15 Single \$72.97 Double
Ramada Inn	1-202-162-5777	2 miles	1-202-162-5777	\$89.29 Single \$100.29 Double

268671 \$72

CAMPUS NEWS ITEMS

Members of the Maryland/D.C./Virginia Section of the MAA are invited to submit papers for presentation at the Fall Sectional meeting, November 10-11, at Howard University. Papers on all areas of mathematics, mathematics education, and applications of mathematics and computers will be welcome.

Our banquet speaker Friday evening will be Dr. Robert Devaney of Boston University, who will speak on "Chaos, Fractals, and Dynamics: Computer Experiments in Mathematics." Professor Devaney is the author of two current books published by Addison-Wesley, Introduction to Chaotic & Dynamical Systems and a second bearing the same name as his banquet talk. Recalling the interest evinced for such a topic by many attending the Virginia Beach meeting in the spring, as well as Professor Devaney's reputation for making the topic understandable to audiences with a broad spectrum of backgrounds, should encourage a good attendance at the banquet, and possibly evoke contributed papers for Saturday centering on this topic.

Dr. David Smith of the Mathematics Department at Duke University will present a minicourse, "Writing in the Calculus Course", on Friday afternoon, November 10. Perhaps some of the contributed papers on Saturday might discuss writing in various parts of the mathematics curriculum, as emphasized at the Joint Meetings in both Atlanta and Phoenix.

Saturday's luncheon speaker will be Dr. Marcia Sward, current Executive Director of the Mathematical Sciences Education Board, and recently-appointed Executive Director of the MAA, who will assume that office September 1. Dr. Sward will discuss "Challenges of the Nineties."

Again we encourage submission of student papers. Those students making presentations are entitled to a year's membership in the MAA, in addition to the personal benefit that having such a presentation listed on one's professional resume provides when applying for awards as well as employment.

Presentation time for contributed papers is usually limited to thirty minutes, which should also include some question/answer time. Sometimes hour presentations can be arranged, depending upon the number of proposals submitted for that meeting.

Anyone interested in presenting a paper should include the following information:

Name of Presenter: \_\_\_\_\_

Status (Faculty/Student/Professional): \_\_\_\_\_

Institution: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Title of Paper: \_\_\_\_\_

Content Area: \_\_\_\_\_

Please attach a brief abstract, and indicate equipment needed.

Proposals should be submitted by September 15 to:

Helen Christensen, RSM  
Mathematical Sciences Department  
Loyola College  
4501 North Charles Street  
Baltimore, MD 21210  
Phone: (301) 323-1010 X-2266

Tear out and return to John August, Mount Saint Mary's College, Emmitsburg, MD 21727. Deadline for the next newsletter is September 15, 1989.

**Name of school**

**New department members (may want to include rank, specialty, where graduated, etc.)**

**Faculty members on leave (may want to include location)**

**Visiting faculty (include home institution)**

**Promotions, tenure, and emeritus status**

**New programs/New courses**

**Other news**

**REGISTRATION FORM**

**OFFICERS**

<b>Chairman</b> Dr. John Milcetic University of DC 4200 Conn. Ave. Washington, DC 20008 (202)282-7328 JMILCETT@UDCVAX.BITNET	<b>Past Chair</b> Elizabeth Teles Montgomery College Takoma Park, MD 20912 (301)587-4090/Ext. 305
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<b>Vice-Chairman Program</b> S. Helen Christensen, RSM Loyola College in Maryland 4501 N. Charles St. Baltimore, MD 21210-2699 (301)323-1010/Ext. 2266	<b>Vice-Chairman Membership</b> Dr. John August Mount Saint Mary's College Emmitsburg, MD 21727 (301)447-6122/Ext. 4386
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<b>Secretary</b> Mr. Robb Koether Hampden-Sydney College P.O. 166 Hampden-Sydney, VA 23943	<b>Treasurer</b> David A. Schedler P.O. Box 2014 VA Commonwealth Univ. Richmond, VA 23284 (804)367-1301
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<b>Governor</b> Howard Lewis Penn Dept. of Mathematics United States Naval Academy Annapolis, MD 21402-5000	<b>Summer Course Director</b> Ben Fusaro Dept. of Mathematical Sciences Salisbury State College Salisbury, MD 21801 (301)543-6471 Math. Dept.
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**Student Chapters Coordinator**  
Bill Sanders  
James Madison University  
Harrisonburg, VA 22807  
(703)568-6535

**VIRGINIA TECH CONTEST ANNOUNCEMENT**

The 11th annual Virginia Tech Regional Mathematics Contest will be held on Saturday, October 21, 1989. Cash honoraria totalling \$500 are awarded each year to the top-scoring contestants. Anyone desiring additional information or wishing to be placed on the mailing list for this year's contest may contact John W. Layman, Mathematics Department, Virginia Polytechnic Inst., Blacksburg, VA 24061 (703)231-6055.

**Registration for Fall Meeting** @ \$ 2.00 \_\_\_\_\_

**Banquet and Luncheon Details**

The MAA Fall Meeting Banquet has been planned for Friday evening at Blair Mansion Inn. There will also be a box lunch prepared by Blair Mansion Inn for Saturday. Reservations for the Banquet and/or Lunch must be made with Dr. David Schedler by October 1, 1989.

**Banquet Reservation**

**Buffet** @ \$ 18.55 \_\_\_\_\_

Beef Tenderloin Tips, Seafood Newberg,  
Egg Plant Parmesan, Two Vegetables,  
Assorted Salad, Tea or Coffee, Dessert

**Box-Lunch Reservation** @ \$ 8.00 \_\_\_\_\_

**Choice of (How many each?)**

Roast Beef	_____
Italian Cold Cut Sub	_____
Turkey Sandwich	_____ <i>2/10</i>
Ham and Cheese	_____
with Appropriate Salad, Fruit, Soda	_____

**Minicourse Registration** @ \$ 20.00 \_\_\_\_\_

**Total** \_\_\_\_\_

**Name** \_\_\_\_\_

**Address** \_\_\_\_\_

Make checks payable to MAA and send to:

Dr. David A. Schedler  
Dept. of Mathematical Sciences  
P.O. Box 2014  
Virginia Commonwealth University  
Richmond, VA 23284