FALL MEETING ANNOUNCEMENT

The annual Fall meeting of the Maryland-District of Columbia-Virginia section of the Mathematical Association of America will be held on

Friday and Saturday,

November 14 and 15, 1980

at

Goucher College

Towson, Maryland

Much of the program will be structured about a topic of interest to students, faculty, and non-academic mathematicians: "Preparation for a Career in Applied Mathematics." Complementing our traditional contributed paper session will be special presentations on innovations in applied mathematics education and on the work of professional governmental, industrial, and academic applied mathematicians. Included in the latter are talks on the new Russian linear programming algorithm, mathematical foundations of computer assisted analysis, advances in numerical analysis, a wide-spectrum of real world applications of mathematics, and opportunities for mathematicians. The presentations on applied mathematics education will feature a session on "Applications of Mathematics in the Undergraduate Curriculum" as well as several informal "Birds of a Feather" discussion groups. Providing the "capstone" to this program will be the invited address; Professor Richard MacCamy of Carnegie-Mellon University will speak on "The Undergraduate Applied Mathematics Program at Carnegie-Mellon: A Blend of Traditional and Professional Training."

Note that this will be a two-day meeting, featuring a banquet on the evening of November 14. Reservation forms for the dinner, as well as information on overnight accommodations in the Towson area, will be provided with the pre-meeting mailing. Preliminary information on the Fall program may be obtained from:

Dr. Patrick L. Hayes
Program Manager, Operations Research
Division of Federal Reserve Bank Operations
Federal Reserve Board
Washington, D.C. 20551
(202) 452-2714

CALL FOR PAPERS

Contributed papers oriented toward mathematical research, education, and modeling are invited. Of particular interest are papers on

applied mathematics education,

advances in applied mathematics, and

"real world" applications of mathematics.

A total of 30 minutes will be allotted to both the presentation and audience discussion of each paper; overhead projectors and blackboards will be provided. Those interested in submitting a paper should send their name, address, business phone number, professional affiliation, and an abstract of not more than 100 words to Dr. Patrick Hayes at the above address by October 1, 1980. If more papers are received than can be selected, preference will be given to early postmarks and new contributors. Everyone submitting a talk will be notified by October 15, 1980, of the program chairman's decision.

As in previous meetings, a special invitation to make presentations is extended to students. While the topic need not be original, the paper should be of interest to other students; talks in keeping with the main theme of the meeting (e.g., on mathematical modeling or numerical analyses projects) will be particularly welcome. Students should send their name, address, school, and a brief description of their paper to Dr. Patrick Hayes at the above address by October 1, 1980.

ELECTIONS

At the Spring meeting of the Maryland-District of Columbia-Virginia Section of the MAA, the following people were elected to office:

Chairman Elect: Dr. John Schmeelk

Vice-Chairman (Programs): Dr. Patrick Hayes

Treasurer: Dr. Arthur Charlesworth

In addition Dr. Ronald M. Davis was elected Governor by a mail ballot. At this year's Spring meeting an election will be held for the position of Vice Chairman (Membership). The primary purpose of this position is to edit this newsletter. If you would like to nominate someone or volunteer for this position, contact Dr. John Smith whose address is given below.

1980-81 OFFICERS

OF THE MARYLAND - DISTRICT OF COLUMBIA - VIRGINIA SECTION

OF THE MATHEMATICAL ASSOCIATION OF AMERICA

Chairman: Dr. John M. Smith
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Chairman-Elect: Dr. John Schmeelk
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Virginia Commonwealth University
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Vice Chairman (Programs): Dr. Patrick Hayes
Board of Governors
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Washington, D.C. 20551
202-452-2812

950 25th St., N.W.
Apt. 707N
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202-338-8170

Vice Chairman (Membership): Dr. Howard L. Penn
Department of Mathematics
U. S. Naval Academy
Annapolis, Maryland 21402
201-267-3892

160 Tall Tree Trail
Arnold, Md. 21012

Secretary: Dr. John R. (Bob) Hanson
Department of Mathematics
James Madison University
Harrisonburg, Virginia 22807
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202 College Circle
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703-886-2553

Treasurer: Dr. Arthur Charlesworth
Department of Mathematical Sciences
University of Richmond
Richmond, Virginia 23173
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3632 Pinebrook Drive
Richmond, Virginia 23225
804-320-0330

Governor: Dr. Ronald M. Davis
Northern Virginia Community College
Alexandria Campus
Alexandria, Virginia 22311
703-323-4341 or 323-4259

5653 North 19th Street
Arlington, Virginia 22205
703-533-3799

Chairman of High School Math Contest Committee: Professor Edward D. Bender
Mathematics Dept., Downtown Campus
J. Sargeant Reynolds
Community College
P. O. Box 12084
Richmond, Virginia 23241

ANNUAL HIGH SCHOOL MATHEMATICS CONTEST

The 31st Annual High School Mathematics Examination (AHSME) was held on March 4, 1980. Seventeen thousand nine hundred eighty-eight (17,988) students from 256 DC/MD/VA high schools participated.

W. T. Woodson High School, Fairfax, Va., was the third highest scoring school in the nation. Springbrook Sr. High School, Silver Spring, MD, Laurel Sr. High School, Laurel, MD, and Winston Churchill High School, Potomac, MD, also received national recognition.

Anthony Lee, a senior at Laurel Sr. High School, was the only student among 416,024 participants internationally to receive a perfect score. Other students in the Section receiving national recognition were Bruce Simmons, W. T. Woodson High School senior, Stephen Mark, sophomore at Landon School, Bethesda, MD, Joyce Whang, Springbrook High School senior, Todd Glick, Winston Churchill High School senior, and Stephen French, junior at Baltimore Polytechnic Institute, Baltimore, MD.

The Regional Contest Committee has mailed to each college and university math department chairman in DC/MD/VA a letter inviting each college to consider offering a scholarship based in part on student performance in the AHSME. This is an excellent means of attracting outstanding mathematics students to our own institutions.

For the 1981 contest, a new AHSME honor roll list for students in the tenth grade and below who score between 80 and 99 on the examination will be established.

The 32nd AHSME is scheduled for March 10, 1981. Invitations with contest rules and a poster will be mailed to all high schools during October by the Regional Contest Chairman, Ed Bender, Department of Mathematics, Downtown Campus, J. Sargeant Reynolds Community College, P.O. Box 12084, Richmond, VA 23241. Contest registration closes December 10, 1980.

UNDERGRADUATE MATHEMATICS CONTEST

Virginia Tech Regional Undergraduate Mathematics Contest. Saturday, November 8, 1980. This contest, which will be administered at participating colleges and universities, is for students who have studied Junior-Senior level mathematics. Cash prizes totalling $100 will be awarded. The highest qualified scorer who pursues a graduate degree in mathematics at Virginia Tech will be awarded a GTA position with waiver of all fees. To have your institution participate and/or obtain further information, contact Professor John W. Layman, Department of Mathematics, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, by October 10.

PUTNAM WINNER

Mark Pleascock from the University of Virginia at Charlottsville received $50 from the Maryland-District of Columbia-Virginia section for scoring the highest of the Putnam exam for college students of anyone in the section.

MATH OLYMPIAD

Twenty-four students were selected for an Olympiad training session held at the U. S. Naval Academy, five high school students from Maryland, the District of Columbia and Virginia were included. These were Jack Brennan from Poolesville, MD, Brian Hunt from Silver Spring, MD, Stephen Mark from Washington, Andrew Gellman from Silver Spring, MD and Dougin Walker from Bethesda, MD. The training session was conducted by Dr. Samuel Greitzer and Dr. Murray Klamkin with the assistance of Mr. Miller Puckette and Mr. Michael Lawson. The international Olympiad was not held this year.

NEWSLETTER

The editor wishes to thank the following people for their contributions to this newsletter. Dr. John M. Smith, Dr. John R. Hanson, Dr. Patrick Hayes, Professor Edward D. Bender, Dr. Samuel Greitzer, LCDR Robert Rinker and Dr. C. Wayne Patty. Anyone having information for the spring 1981 meeting should send it to:

> Dr. Howard Penn
> Department of Mathematics
> U. S. Naval Academy
> Annapolis, MD 21402

MESSAGE FROM OUR CHAIRMAN

At the Spring 1979 meeting the membership expressed a desire to try a two-day meeting. The upcoming meeting was set up to comply with this request. The decision on whether future meetings will be one or two days in duration will be based partially on the attendance at this meeting. I hope to see you there!

John M. Smith