



THE CHESAPEAKE CHEMIST

MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

VOL. II

APRIL, 1993

NUMBER 4

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The Chesapeake Chemist is published monthly September through May by the Maryland Section of the American Chemical Society. Address editorial comments to the Editor. Send advertising copy and inquiries to the Business Manager. The Maryland Section is not responsible for opinions expressed herein. Editorials express the opinions only of their authors. The Editor is responsible for all unsigned material.

GENE G. WUBBLES

Gene G. Wubbles, a professor of chemistry, is a provost and dean of the college at Washington College, Chestertown, Maryland. He received a B.S. from Hamline University and Ph.D. from Northwestern University.

After a teaching career at Grinnell College in Iowa, Dr. Wubbles served as a Program Director at NSF for two years. He has received numerous awards and grants, several of the latter for undergraduate research participation.

Dr. Wubbles's research interest includes organic photochemistry, reaction mechanisms, and aromatic photosubstitution reactions. He is the author of 31 papers and 2 books.

Dr. Wubbles was recognized for his achievements in teaching and contributions to chemical education by CMA with the 1989 National 'Catalyst' Award. In addition, he received Outstanding Performance Award by NSF for two consecutive years, 1991 and 1992 and the NSF Science Faculty Professional Development Award for 1981-82.

UNDERGRADUATE INSTRUCTION AND RESEARCH VIEWS OF A FORMER NSF PROGRAM DIRECTOR

Those wishing to understand the plight of science education at all levels should know that the lead Federal agency charged with supporting science, the National Science Foundation, zeroed out funding for pre-college and college science education in 1982. This was a coup de grace, the end of a long painful decline. The phoenix that has arisen from the ashes at NSF is a mere shadow of its former self, and a weak response to the modest recommendations of the major post-bellum manifesto of undergraduate education, the Neal Report of the National Science Board. What is happening nationally in science education inside and outside of NSF will be reviewed with particular attention to the field of chemistry.

EASTERN ANALYTICAL SYMPOSIUM CALL FOR PAPERS

Papers and posters to complement the invited oral and poster sessions are being solicited for the 32nd Eastern Analytical Symposium, which will be held in Somerset, N.J., Nov. 15-19. Prospective authors should submit a 100- to 200-word abstract (no special form is required) of their proposed presentation before April 15. Care should be exercised in listing the title and authors of the proposed presentation, since these are considered final and are not subject to change. Indicate preference of oral or poster format and send abstracts to EAS Program Committee, P.O. Box 633, Montchanin, Del. 19710-0633. Authors of accepted papers will receive forms in May for submission of the final 200- to 300-word abstract. For additional information phone (302) 738-6218 or fax (302) 738-5275.

CALL FOR NOMINATIONS

The Nominating Committee of the Maryland Section is soliciting suggestions for nominations for positions to be filled beginning January 1, 1994.

Elected will be Chairman-elect, Secretary, Treasurer, two Councilors, two Alternate Councilors and five Members-at-large of the Executive Committee.

Suggestions may be directed to Alice Zeiger (address on page 3).

FUTURE MEETING

Next month's meeting, the Remsen Award Meeting, is scheduled for May 12 at the Johns Hopkins University.

APRIL MEETING

DATE & PLACE:

Wednesday, April 14, 1993
Western Maryland College
Westminster, Maryland

Dinner reservations should be made by mailing checks, payable to Maryland Section of ACS, to

Dr. Stephen M. Gregory
College of Notre Dame
4701 North Charles Street
Baltimore, MD 21210

SCHEDULE:

6:00 Social Hour
Decker Auditorium
Lewis Hall

by April 7. Late reservations may be made by calling

7:00 Dinner - Dining Porch
Engler Dining Hall

(410) 532-5714

8:00 Student Awards Ceremony
Decker Auditorium

by April 9. Answering machine is available at this number.

8:30 Lecture
Gene G. Wubbles
Washington College
"Undergraduate Instruction
and Research - Views of a
Former NSF Program Director"

Dinner price is \$16.00 per person, but spouses and retired chemists may attend for \$14.00; Students may attend for \$8.00.

It is not necessary to be a member of the American Chemical Society to attend. You may attend the lecture without attending the dinner.

SHAKHASHIRI'S MAGIC

One of the longest running shows of chemical "magic" is the holiday performance of Bassam Z. Shkhashiri: "Once Upon a Christmas Cheery, In the Lab of Shkhashiri."

The 1992 show again went on a road tour, expanding to eight performances from five a year earlier. In 1991, the show was videotaped and broadcast over the Public Broadcasting System and the videotape made available to the public. The 1992 show was videotaped for broadcast, as well, and is also now available for sale to the public. Changes made in the 1992 show increased the variety of household chemicals used so the general public would more closely identify with the chemistry involved.

The University of Wisconsin played host for three performances in mid-December. Two more performances took place at the National Academy of Sciences in Washington, D.C. Three performances just after Christmas in Boston at the Museum of Science, were co-sponsored by the ACS Northeastern Section. Professor Shkhashiri presented his show to the Maryland Section at our April, 1984 meeting.

Shkhashiri notes that the videotaped program is part of the effort aimed at achieving public science literacy. Videotapes of the 1991 and 1992 shows are available for \$30 each. Checks made payable to UW Christmas Lecture can be sent to UW Christmas Lecture, Department of Chemistry, University of Wisconsin, Madison, 1101 University Avenue, Madison, Wis. 53706-1322.

MARYLAND SECTION STUDENT AWARDS

Chairman Stephen M. Gregory of the Student Awards Committee has announced the nominees for the ACS Maryland Section Student Awards for 1993. Winners were selected by their respective institutions.

The nominees will be guests of the Section at the April 14 dinner meeting at Western Maryland College. In addition to being recognized at the meeting and receiving an ACS certificate, each will receive a one-year subscription to *The Journal of Chemical Education* or some other comparable ACS journal.

The awardees, grouped by two-year and four-year colleges, are:

Mr. Samuel Spears, Anne Arundel Community College
 Ms. Erica Russell, Baltimore City Community College
 Mrs. Carrie W. Brett, Catonsville Community College
 Ms. Janki Kokilepersaud, Essex Community College
 Ms. Purnima M. Patel, Howard Community College
 Ms. Rachel A. Ellis, Villa Julie College

Ms. Michele Loetz, College of Notre Dame of Maryland
 Ms. Maria A. Davis, Coppin State College
 Ms. Siew-Sim Cheah, Hood College
 Ms. Vivian Lynn Slager, The Johns Hopkins University
 Mr. David P. Thomas, Loyola College in Maryland
 Ms. Nyla Ragoobarsingh, Morgan State University
 Mr. David Kenneth Rees, Mount Saint Mary's College
 Mr. Samuel Toba, Towson State University
 Mr. Russel A. Crow, United States Naval Academy
 Mr. Robert Francis Day, University of Maryland, Baltimore County
 Ms. Samantha J. Clements, Washington College
 Ms. Erin Thompson, Western Maryland College

University of Maryland Baltimore County Department of Chemistry and Biochemistry

SPRING 1993 SEMINAR SCHEDULE

April 6	Dr. Philip DeShong Dept. of Chem. & Biochem., UMCP	Dienoyl Tetramic Acid Antibiotics: New Approaches and Novel Spinoffs
April 21	Dr. Anthony Ponaras Dept. of Chem., Catholic Univ.	New Synthetic Reactions Involving Enolized 1,2 Diketones
April 27	Dr. Eaton E. Lattman Department of Biophysics Johns Hopkins University	Structural Studies of Staphylococcal Nuclease Mutants
May 4	Dr. Ann Francis Miller Department of Chemistry Johns Hopkins University	NMR Studies of the Conformational Switch of the Oncogenic Protein p21 ^{ras}
May 11	Dr. Ira W. Levin Lab. of Chemical Physics NIDDK, NIH	Molecular Reorganization and Domain Structures in Biomembranes: Vibrational Spectroscopic Studies

Seminars take place at 3:30 PM in Room 403, Biological Sciences Building. For additional information please contact Dr. D. Beckett at (410) 455-2512.

MARYLAND SECTION 1992 OPERATING RESULTS - 1993 BUDGET

Revenues	1992 Actual	1993 Budget
Annual ACS Allotment	\$ 9,951.00	\$ 10,300.00
New Member Commissions	0.00	5.00
Local Section Dues	5,204.50	5,200.00
Newsletters	2,779.00	2,000.00
Meals	4,808.00	6,700.00
Short Courses, Lectures	100.00	100.00
Interest, Dividends	976.12	1,500.00
ACS Councilor Travel Rebate	318.00	500.00
Other (Contributions, Sales, Picnic)	3,321.60	5,000.00
Total Revenues	\$27,458.22	\$31,305.00
Expenses	1992 Actual	1993 Budget
Administrative Expenses	\$ 1,394.96	\$ 600.00
Short Courses, Lectures	0.00	1,600.00
Local Meetings	1,858.43	1,200.00
Meals	5,993.72	9,200.00
Newsletters	10,994.56	9,200.00
Awards, Scholarships, etc.	5,300.20	4,900.00
Councilor Travel Subsidies	361.50	1,000.00
Officer Travel Subsidies and Fees	0.00	750.00
Other	2,435.00	1,000.00
Total Expenses	\$28,338.37	\$29,450.00

GET A GIFT BY DOING A COLLEAGUE A FAVOR

The 1993 ACS Member-Get-A-Member Campaign is your opportunity to enhance and enrich the career of someone. Get a colleague to join your Society and receive a free gift. But most of all, you do a colleague a favor by opening the door to ACS and its many benefits. Your efforts also help to increase membership and revenue for the local section. The local section receives a commission for each new member.

The campaign starts March 1 and ends May 31. To show its appreciation, the Society will send you a marbled lapis ball point pen with a gold finish. This precision-crafted writing instrument has a Euro-style contemporary design and comes neatly enclosed in its own black drawstring pouch.

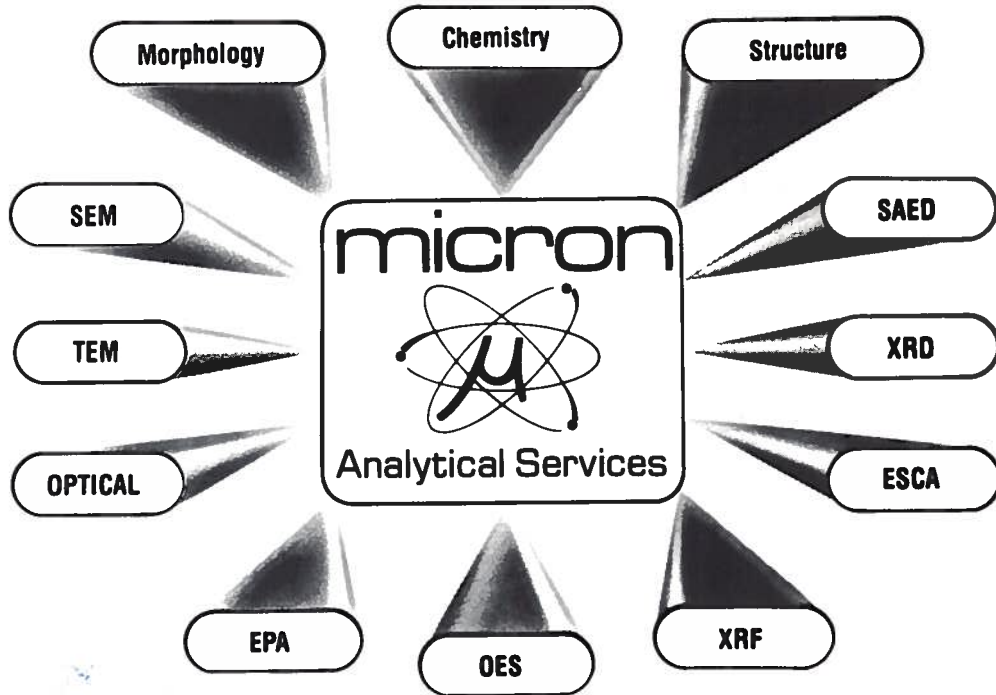
Be one of the first to receive your gift by responding to the promotional mailing as soon as it arrives. Just get a colleague to fill out the special membership application. Be sure to include the local section's name in the Local Section/Division Commission Claim box. (Other information and instructions are enclosed with the promotional mailing).

In addition to the gift received through the Member-Get-A-Member Campaign, ACS is offering its members a chance to win a free trip for two to an ACS national meeting (Chicago or San Diego). Members can qualify for this contest by providing the names and addresses of people who might be interested in joining ACS (the people recommended are under no obligation to join). An official entry form should arrive in your mail box shortly.

Dr. Dale Howard Caplan
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