



THE CHESAPEAKE CHEMIST

MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

VOL. LV

SEPTEMBER, 1999

NUMBER 6

ALVIN BOBER PRESENTS

The Eastern Analytical Symposium (EAS) wishes to announce a series of technical presentations on Forensic Science. The presentations will take place during our annual meeting to be held November 14 – 19, 1999 at the garden State Convention Center in Somerset, New Jersey.

The session in which these presentations will take place will be chaired and organized by Alvin Bober of the Chemistry Department of Towson University in Towson, Maryland.

This session will consist of the following presentations:

Forensic Education in the 2000's – Better, Worse, Different, More ?
Howard A. Harris, University of New Haven

A Forensic Science Curriculum at the Undergraduate and Graduate Level
Lawrence Kobilinsky, John Jay College of Criminal Justice

TWGs, SWGs, ASTM and the Move for Curriculum Standardization in Forensic Education
Walter F. Rowe, The George Washington University

Internships and Field Experiences in Forensic Science Education: New Directions
Jay Siegl, Michigan State University

Forensic Chemistry: Student Expectations vs. Reality
Helen Reid, West Chester University

What's Missing? A Laboratory Director's Perspective
Robert Shaler, Office of the Chief Medical Examiner



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SEPTEMBER MEETING

Kick Off to National Chemistry Week 1999

Date: Wednesday, September 15, 1999

Location: Doyle Formal Dining Room
College of Notre Dame
4701 North Charles St.
Baltimore, MD

6:00 PM Reception

6:30 PM Dinner (Informal)

7:30 PM Speaker – Kathleen Thompson, National ACS, Office of Community Activities

Topic: National Chemistry Week 1999. Ideas and Suggestions about how to bring positive messages about chemistry to the community will be shared.

8:00 PM Hands-On National Chemistry Week Experiments

National Chemistry Week is November 7 – 13, 1999 and will focus on polymers as the close to International Chemistry Celebration 1999. Find out how you can celebrate NCW 1999. Join us to practice the experiments and find out more about making NCW 1999 the best year ever for our section and Maryland students! Dinner will be casual to accommodate the hands-on work to be included.

Meeting Registration

Dinner price is \$13 per person; \$10 for students. Reservations must be made by 12:00 noon on Friday, September 10 by contacting Dr. Shirish Shah at 410/532-5712.

Future Meetings

Wednesday, October 13, Belmont Conference Center, Elkridge, MD

Global Salute to Polymers Dinner with Historical Polymer Site designees. The Maryland Section has designated three historical polymer sites: The Baltimore Museum of Art (public appreciation and restoration); Guilford Pharmaceuticals, Baltimore (organic/medical polymers); and PEMCO, Baltimore (inorganic polymers). Join us as we honor their contributions to polymer science and the community.

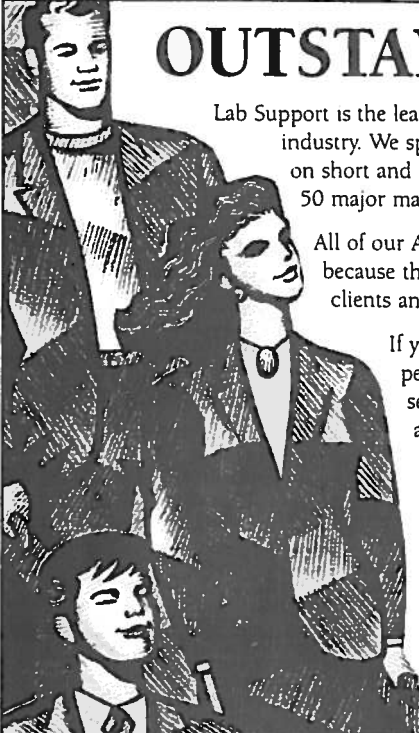
Wednesday, November 17, Location TBA

Dr. J. Michael McBride, a physical organic chemist from Yale will speak on his work on reactions in lattices.

Local Section Activities – Eureka! The ACS at the Walters

On June 19th, at the Walters Art Gallery, volunteers from the Maryland Section helped with the Archimedes Palimpsest exhibit opening. Hands-on experiments related to Archimedes such as levers, pulleys, Cartesian divers, flexible mirrors, and UV light (used to view the manuscript) were set-up for visitors as well as demonstrations on screw feeders and the volume relationships between cones, spheres, and cylinders. At least nine local section members volunteered including board members, councilors, and officers. Many brought their families. Other volunteers also came from the Physics and Math departments at Towson University. A total of 608 visitors came to the opening! We will be there again for the First Thursday in August with the same type of activities.

We want to thank K-Tron and EPI for providing the demo model screw feeder and literature. We also want to thank Federal Hill Office Supply for donating the UV ink and the Physics Department at Towson University for use of pulleys, levers, and flexible mirrors. Thanks to the Walters Art Gallery and Felicity Green for making the connection between art and science for the community.




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Council Meeting Report

Anaheim, California
March 24, 1999

The Council of the American Chemical Society met during the national meeting in Anaheim on Wednesday, March 24. The meeting began at 8 am and lasted until about 11. All four of the Maryland councilors were in attendance: Merle Eiss, Don Jones, David Roswell and Charles Rowell.

After the opening call to order, resolutions were read and a moment of silence was observed in honor of deceased councilors. The minutes of the previous meeting in Boston were then approved and a report on interim actions was presented by the Council Policy Committee (CPC).

The Council then moved to undertake what was to be one of its major tasks in the meeting. After the Committee on Nominations and Elections presented four candidates for nomination for election to the position of President-elect for 2000, the nominees had the opportunity to present their ideas to the Council. The Council then voted to select Attila E. Pavlath and Alan Schreisheim as the candidates for the election to be held later this year. (We would urge you to read the platforms that these two candidates will present in *C&E News* and then vote your choice in the upcoming election.) Candidates for the positions of Directors-at-large were then introduced and finally the results of the fall election for regional members to the Board of Directors were announced. From our region (Region III) Maureen Chan and George Palladino (from the North Jersey and Philadelphia sections, respectively) had been selected.

In lieu of the normal report, President Edel Wasserman called on Past President Bob Parry to present an eulogy for Glenn Seaborg. Oral reports from the other elected officers then followed.

After reports from the officers, standing committees presented reports. In the report from the CPC the new divisor that establishes the number of councilors representing sections and divisions was reported. That divisor has been set at 465, which means that the section will maintain its four councilor positions. The Committee on Committees recommended a change in the by-laws as to the duties of the Committee on Divisional Activities (DAC). The change is intended to allow DAC to make recommendations to the Council concerning the combination or dissolution of Divisions in addition to its current responsibilities relating to the creation of Divisions. This recommended change was accepted by the Council and will now go to the Board of Directors for confirmation.

In its report, the Committee on Nominations and Elections discussed redistricting, i.e. the assignment of local sections to a particular region for the purpose of electing Directors. The principle here being to maintain some parity in the number of dues paying members eligible to vote for a Director in a particular region. Given shifts in the geographical distribution of members, redistricting is required. Action will be taken at the New Orleans meeting and, although it appears that our Section will remain in Region III, there will be some movement of sections in and out of this region.

Unlike many other years, the report from the Committee on Budget and Finance (B&F) caused little discussion. One of the duties of B&F is to recommend changes in the annual dues and some years ago the Council adopted a policy allowing dues to escalate with the CPI. This escalator provides for a \$3 increase in the dues for 2000, to \$108. After no debate, the Council adopted this recommendation by a large margin.

The Committee on Meetings and Expositions reported that the Anaheim meeting was a success with 10,517 paid participants and 13,042 total attendees. There was concern raised as to the cost of the registration and the Committee was urged to do a full study of ways to cut expenses since registration costs will continue to increase given the projections presented by the Committee. The Committee on Membership Affairs (MAC) reported success in the Society's membership campaign. Of particular note was the increase in younger members (in the 21-25 age bracket the number of members increased from about 3,000 to 6,000). In the course of MAC's report the Council passed a proposed by-law change that would delete the \$10 fee now proscribed for reinstatement of membership after a lapse. This change now requires confirmation by the Board of Directors. No subsequent reports led to significant discussion and there being no further business the Council adjourned at approximately 11:00 am.

Respectfully submitted for the Maryland Councilors,

David Roswell

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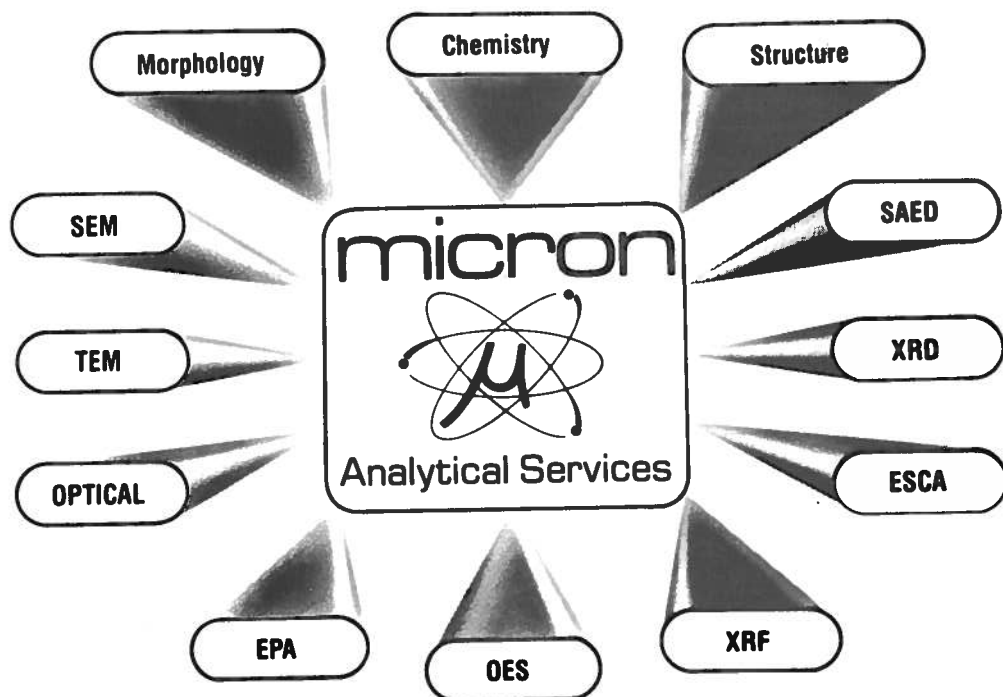
Deadlines for receipt of applications for 2000 meetings:

**October 15, 1999 – Meetings between January 1 & June 30, 2000
March 15, 2000 – Meetings between July 1 & December 31, 2000**

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CHEMATHON

The 15th Chemathon was held in May at the University of Maryland College Park. The team from Dulaney High School, led by chemistry teacher Sue Ensor, won the first place trophy. Fallston High School, led by Pat Stoeri, received the Maryland Section award (subscriptions to the ACS student magazine CnemMatters).

For the past ten years, the Hewlett Packard Company has awarded scientific calculators to the members of the first place teams.

WHITHER ALEX?

You will recall Alexander Ioannidis who won a silver medal last year at the International Chemistry Olympiad (IChO) in Melbourne, Australia. Alexander graduated this year as class valedictorian from Bel Air High School. His future includes Harvard University where he plans to major in physics or chemistry or biochemical sciences.

The Section tested three students in this year's IChO exam. They were Stephen Brohawn and Daniel Lenahan from Mt. St. Joseph and Matt Franczak from Mt. Hebron.