



THE

# CHESAPEAKE CHEMIST

MARYLAND SECTION  
AMERICAN CHEMICAL SOCIETY

VOL. LII

OCTOBER, 1996

NUMBER 7

## OCTOBER MEETING

DATE: Wednesday, October 9, 1996

PLACE: Anne Arundel Community College, 101 College Parkway, Arnold, MD  
Student Services Building - Southside expansion (SSVC)

SCHEDULE: 6:00 pm Reception

7:00 pm Buffet Dinner

7:45 pm Lecture by Christopher F. D'Elia  
Chesapeake Biological Laboratory  
"The Water Quality of Chesapeake Bay: What Analytical  
Chemistry Tells Us"

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

Dinner reservations should be made by mailing checks, payable to Maryland Section of ACS, to Dr. Shirish Shah, College of Notre Dame, 4701 North Charles Street, Baltimore, MD 21210, by October 2. Late reservations may be made by calling (410) 532-5712 by October 4. An answering machine is available.

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

At the reception there will be posters explaining local educational activities. Please come to learn about:

National Chemistry Week      Chemathon      Project SEED  
Chemical Bonding Day in Maryland      Kids & Chemistry  
Student Hall of Fame - please bring school information to post -  
contact Frank Milio at TSU, (410) 830-3111 or milio-f@toe.towson.edu

There will be a tour of the US Regional EPA lab in Annapolis, MD starting at 4:30 pm for up to 25 people. Please call for registration and map Mike Zapf (410) 771-7471. Attendees should be able to reach the meeting in time for the reception.

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CHRISTOPHER F. D'ELIA

Christopher F. D'Elia is a Professor at Chesapeake Biological Laboratory Center for Environmental and Estuarine Studies, in Solomons, Maryland, and Director of the Maryland Sea Grant College Program, College Park, Maryland. He received his A.B. in Biology from Middlebury College in 1968 and his Ph.D. in Zoology from the University of Georgia in 1974. He did post-doctoral work at UCLA and at Woods Hole Oceanographic Institution. He joined the University of Maryland in 1977 and has taken two leaves of absence: in 1983, he was appointed as Ruth Patrick Distinguished Scholar in Aquatic Science at the Academy of Natural Science (Philadelphia), and from 1987-1989, he was the Director of the Biological Oceanography Program at the National Science Foundation in Washington, D.C. In 1994, he served as Provost and Vice President for Academic Affairs of the University of Maryland Biotechnology Institute. He has served on numerous advisory panels to the National Science Foundation and other federal, state and private funding agencies.

Dr. D'Elia is a past President of the Estuarine Research Foundation, Treasurer of the Council of Scientific Society Presidents, and past Co-Chair of the Board on Oceans and Atmosphere of the National Association of State Universities and Land Grant Colleges. He has served as President, as Co-Chair of the Federal Relations Committee and as Chair of the External Affairs Committee of the Sea Grant Association, as an Executive Committee member of the Marine Division of the National Association of State Universities and Land Grant Colleges, as Chairman and Vice Chairman of the Public Affairs Committee of the Ecological Society of America, as Chairman of the Public Affairs Committee of the American Society of Limnology and Oceanography, as a member of the Editorial Board of the journal Limnology and Oceanography; and as Chairman of the Mid-Atlantic Regional Marine Research Board. He was elected as a Fellow of the American Association for the Advancement of Science in 1992. His academic interests include the nutrient dynamics of aquatic ecosystems and science-policy relationships. He has held numerous research grants (NSF, NOAA, NASA, DOE, EPA, State of Maryland) and is the author of over fifty scientific publications and published reviews.

THE WATER QUALITY OF CHESAPEAKE BAY:  
WHAT ANALYTICAL CHEMISTRY TELLS US

My talk will focus on the nutrient overenrichment of the Chesapeake Bay, its history, its causes, what is being done about it, and prospects for the future. I will also discuss the important role of the analytical chemist in the monitoring program for the Bay, how the monitoring program developed, and why some of the methods and approaches now used have been adopted.

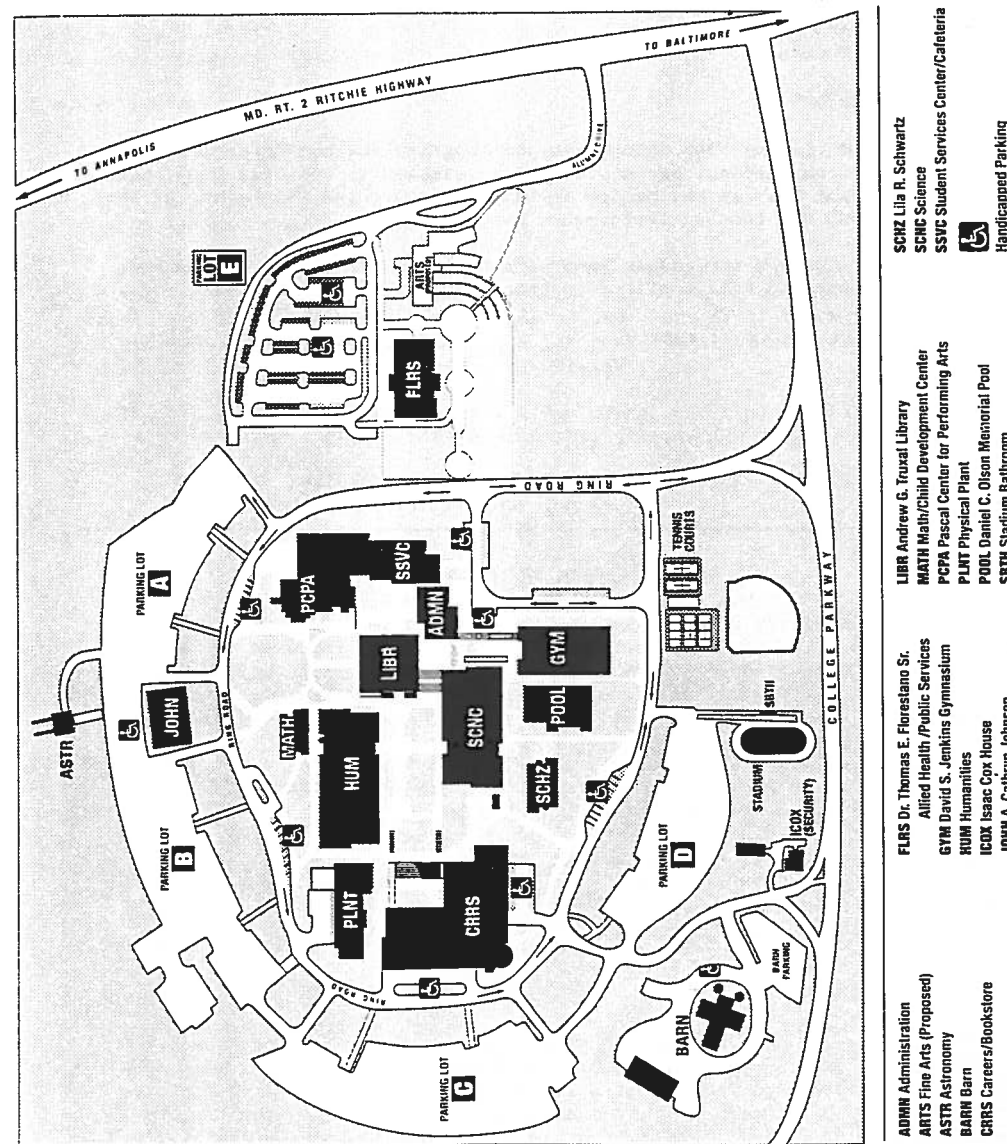
NATIONAL CHEMISTRY WEEK

The National Chemistry Week plan includes the following during the week of November 3-10, 1996:

- Radio/TV Spots
- Chemists in Schools and Libraries for Hands-on Training
- Forum for High School Teachers - New Science Assessment Requirements
- Chemical Bonding Day
- Revitalizing College Chemistry - The First Two Years

Mark Greenberg, Chairman of the Planning Committee, can be reached at (410) 830-3055.

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From Baltimore or Glen Burnie, follow Route 2 (Gov. Ritchie Hwy.) South about three miles past Severna Park and turn left onto College Parkway. The next right turn is the entrance to the campus.

- ADMIN Administration
- ARTS Fine Arts (Proposed)
- ASTR Astronomy
- BARN Barn
- CRHS Careers/Bookstore
- FLRS Dr. Thomas E. Florestano Sr. Allied Health / Public Services
- GYM David S. Jenkins Gymnasium
- HUM Humanities
- ICOW Isaac Cox House
- JOHN A. Cathryn Johnson
- LIBR Andrew G. Truxal Library
- MATH Math/Child Development Center
- PCPA Pascal Center for Performing Arts
- PLNT Physical Plant
- POOL Daniel C. Olson Memorial Pool
- SBTN Stadium Bathroom
- SCNC Science
- SSVC Student Services Center/Cafeteria
- STADIUM Stadium (Security)
- TENNIS TENNIS COURTS



Handicapped Parking

July 17, 1996

Maryland Section of the  
American Chemical Society  
c/o Shekar Munavalli, Ph.D., D.Sc.

Dear Friends:

I wanted to take this opportunity to congratulate the Maryland Section of the American Chemical Society on being selected as the Most Outstanding Section in the U.S. in the Medium-to-Large category and the winner of the 1996 ACS Most Outstanding Performance Award.

This is truly a tremendous honor for which you should be very proud. I certainly hope you will continue to keep up the good work.

With best wishes, I remain,

Sincerely,

(Signed)

Barbara A. Mikulski  
United States Senator

#### NOTES FROM THE CHAIRMAN

The Kids & Chemistry annual plan was developed at the leadership workshop on August 20. The workshop, scheduled for six hours, followed two months of informal discussions. Participants included Bernadette Patriarca (Kids & Chemistry Chair), Sue Katsafanas, Anna Kraut, Shirish Shah and Jodi Greenblatt (ACS staff). Bernadette can be reached at (410) 486-2830.

A training workshop is planned for the VIP volunteers in October. Date and venue are not yet known. Please contact Shirish Shah at (410) 532-5712 or (410) 323-0803 for additional information.

Remember the November 8 conference at UMBC on Revitalizing College Chemistry, The First Two Years. Abstracts are due by October 15. See last month's issue of The Chesapeake Chemist for details, or call Laurence Boucher at Towson State University, (410) 830-2121.

#### CHEMATHON

The Maryland Section has again supported the Chemathon at the University of Maryland at College Park, an annual event for the past twelve years. The Section presents six subscriptions to the ACS student magazine, *ChemMatters*, to each of two winning schools. The winning schools this year were Walt Whitman High School of Bethesda and Boonsboro High School of Boonsboro.

Further information about the event is available at <http://www.wam.umd.edu/~devoe/chemathon.html>

#### PROJECT SEED

The Maryland Section has supported a High School student for project SEED this summer. Dennis Harris, of Perryville High School, Cecil County, was supervised by Dr. Carolyn Fisher of the Department of Food Science at the University of Delaware. The research was on the synthesis of curcuminoids.

July 26, 1996

Shekar Munavalli, Ph.D., D.Sc.  
1995 Chairman  
Maryland Section  
American Chemical Society

Dear Dr. Munavalli:

Congratulations to you and the Maryland Section of the American Chemical Society on being named most outstanding section in the country and for winning the 1996 ASC Most Outstanding Performance Award. I commend you on this history making double honor.

It has truly been my pleasure to offer my support to the Maryland Section which contributes in such a meaningful way to the advancement of science. I am glad that my support has helped your efforts. On behalf of the citizens of the State, I thank you for your commitment to excellence in your field. We all benefit from your successes.

Thank you for your kind letter and for taking the time to share your extraordinary news. You have my best wishes for a successful national meeting on August 27.

Sincerely,

(Signed)

Parris N. Glendening  
Governor

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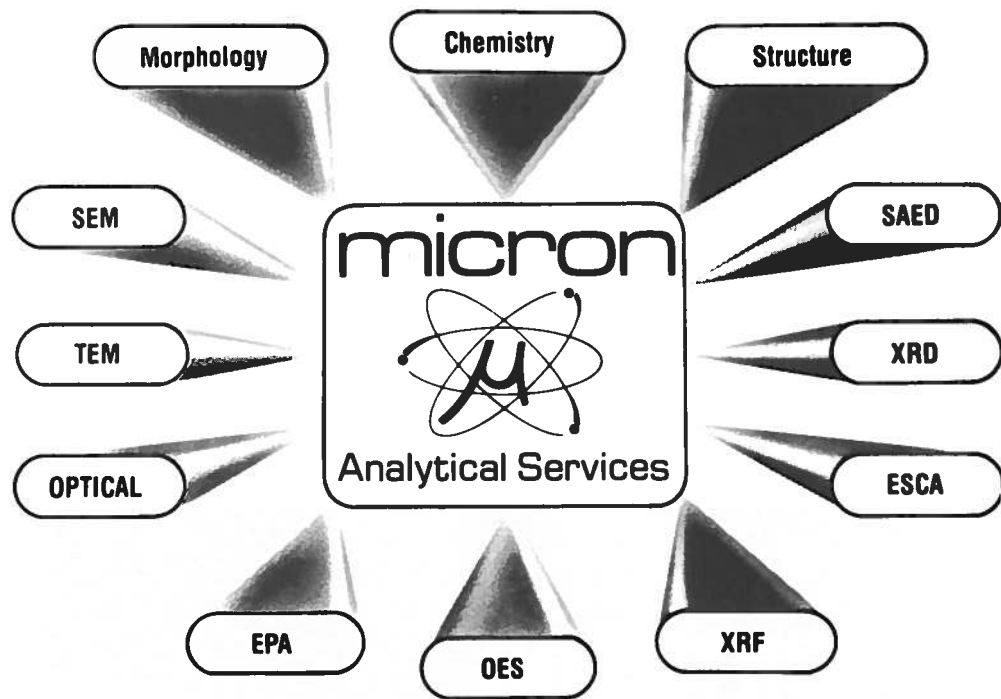
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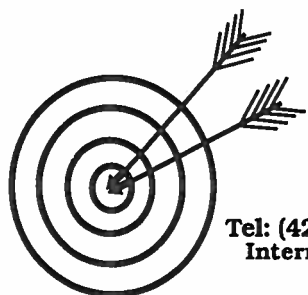
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