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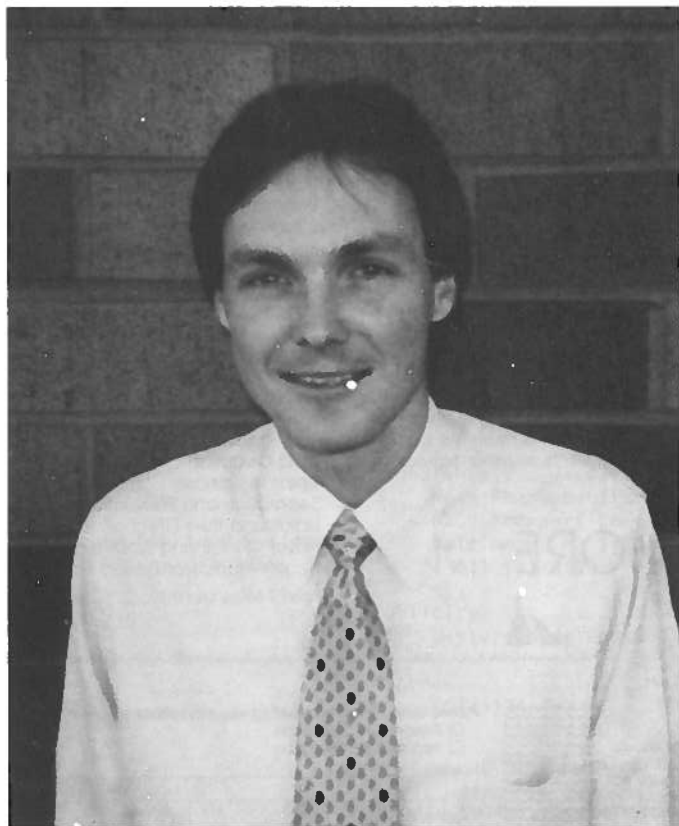
# CHESAPEAKE CHEMIST

MARYLAND SECTION  
AMERICAN CHEMICAL SOCIETY

VOL. XLVI

MARCH, 1990

NUMBER 3



DONALD J. KYLE

**AOCS** 1990

April 22-25, 1990  
Baltimore, Maryland, USA  
Baltimore Convention Center

# American Oil Chemists' Society Annual Meeting

The American Oil Chemists' Society will bring its Annual Meeting to Baltimore in 1990 with approximately 2,000 attendees in the fats, oils, detergents and related industries. More than 350 papers are scheduled on a wide range of topics. An industrial exhibit of 90 booths will enable attendees to review the latest in lab and process instrumentation; processing systems, equipment and chemicals; ingredients, enzyme technology and more.

## BALTIMORE



Send inquiry to:  
Meetings Manager  
American Oil Chemists' Society  
P.O. Box 3489  
Champaign, IL 61826-3489 USA  
Telephone: (217) 359-2344  
Telex: 4938615 AOCS UI  
Telefax: (217) 351-8091

Please send further information when available on the 1990 AOCS Annual Meeting.

- Prospectus for exhibitors  
 Registration information

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Organization \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Province \_\_\_\_\_  
Postal Code/Country \_\_\_\_\_

### Among the symposia subjects to be presented are:

Recent Advances in the Biochemistry of Phospholipids  
Enzymatic Modification of Fats & Oils  
Industrial Uses of Edible Fats & Oils  
Designing Value-Added Soybeans for Markets of the Future  
Solid Phase Extractions  
Capillary Gas Chromatography  
Engineering for Improved Environmental Management  
Metals and Lipid Oxidation  
Lipid Nutrition and Metabolism in Infancy  
Milk Lipids  
Protein-Nutrient Interactions  
Protein-Nutrient Interactions  
Effects of Dietary Proteins on Health and Disease  
Preparations & Properties of Chemically Modified Proteins  
Processing to Produce High Quality Oilseed Proteins  
Surfactants: Miscellaneous Topics  
Oil Processing and Formulation: Modern Practices  
Castor Oil  
Blood Cholesterol Lowering Perspectives  
Applications of Supercritical Fluid Technology  
Plant and Fungal Sterols: Biosynthesis, Metabolism and Function  
Lipid Oxidation Chemistry  
Lipids in Cancer  
Separation and Purification Processes  
Lipids and their Effect on Arterial Endothelium  
Flavor Quality and Stability: Analysis  
Health Aspects of Dietary Fats



# THE CHESAPEAKE CHEMIST

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### THE CHESAPEAKE CHEMIST STAFF

Raymond C. Petersen.....Editor  
9329 Joey Drive  
Ellicott City, MD 21043  
465-8520

Bruce L. Solnick.....Business Manager  
P.O. Box 2355, Lab. Adm.  
Baltimore, MD 21203  
225-6209

### SECTION OFFICERS

J. Paul Carter.....Chairman  
Nova Pharmaceutical Corp.  
6200 Freeport Center  
Baltimore, MD 21224-2788  
522-7000

Joseph J. DeFrank.....Chairman-elect  
Biotechnology Div., CRDEC  
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Alice Zeiger.....Secretary  
Center for Indoor Air Research  
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# MARCH MEETING

**DATE:**

Wednesday, March 21, 1990

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

**PLACE:**

Michelson Hall, Room 117  
U. S. Naval Academy  
Annapolis, Maryland

Ms. Menyan Chang  
Nova Pharmaceutical Corp.  
6200 Freeport Center  
Baltimore, MD 21224

**SPEAKER AND TOPIC:**

8:00 pm  
Donald J. Kyle  
NOVA Pharmaceutical Corp.  
"The Role of Computational  
Chemistry in Pharmaceutical  
Research"

by March 14. Late reservations may be made by calling

(301) 563-6183

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

**COCKTAILS AND DINNER:**

Officers and Faculty Club

by March 16; answering machine is available at this number.

6:00 pm Social Hour  
(cash bar)

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

7:00 pm Dinner

**DIRECTIONS TO U. S. NAVAL ACADEMY:**

From Washington: Follow Rte 50 east; exit at Rowe Blvd. At the second stop light (Taylor Ave) turn left. Go two blocks and turn right at the stop sign. Go one block (around a curve); turn right at the first light onto Rte 450 west (King George St). Proceed straight to Gate 1 of the Naval Academy.

From Baltimore: Follow Maryland Rte 2 south. Go over Rte 50, following signs for Rte 450 south and the Naval Academy; exit toward Rte 450 S. Turn left at the stop sign onto Rte 450 S. Proceed approximately 2 miles, over the Old Severn River Bridge to the second traffic light past the bridge. Turn left onto Rte 450 west (King George St). Proceed straight to Gate 1.

From Gate 1: Turn left at the first street past the gate; turn left onto Porter Rd, right onto Buchanan Rd, left onto Blake Rd and right onto Maryland Ave. There are parking areas on Maryland Ave and on Decatur Rd. Dinner is in the Officers and Faculty Club. The lecture is in Michelson Hall.

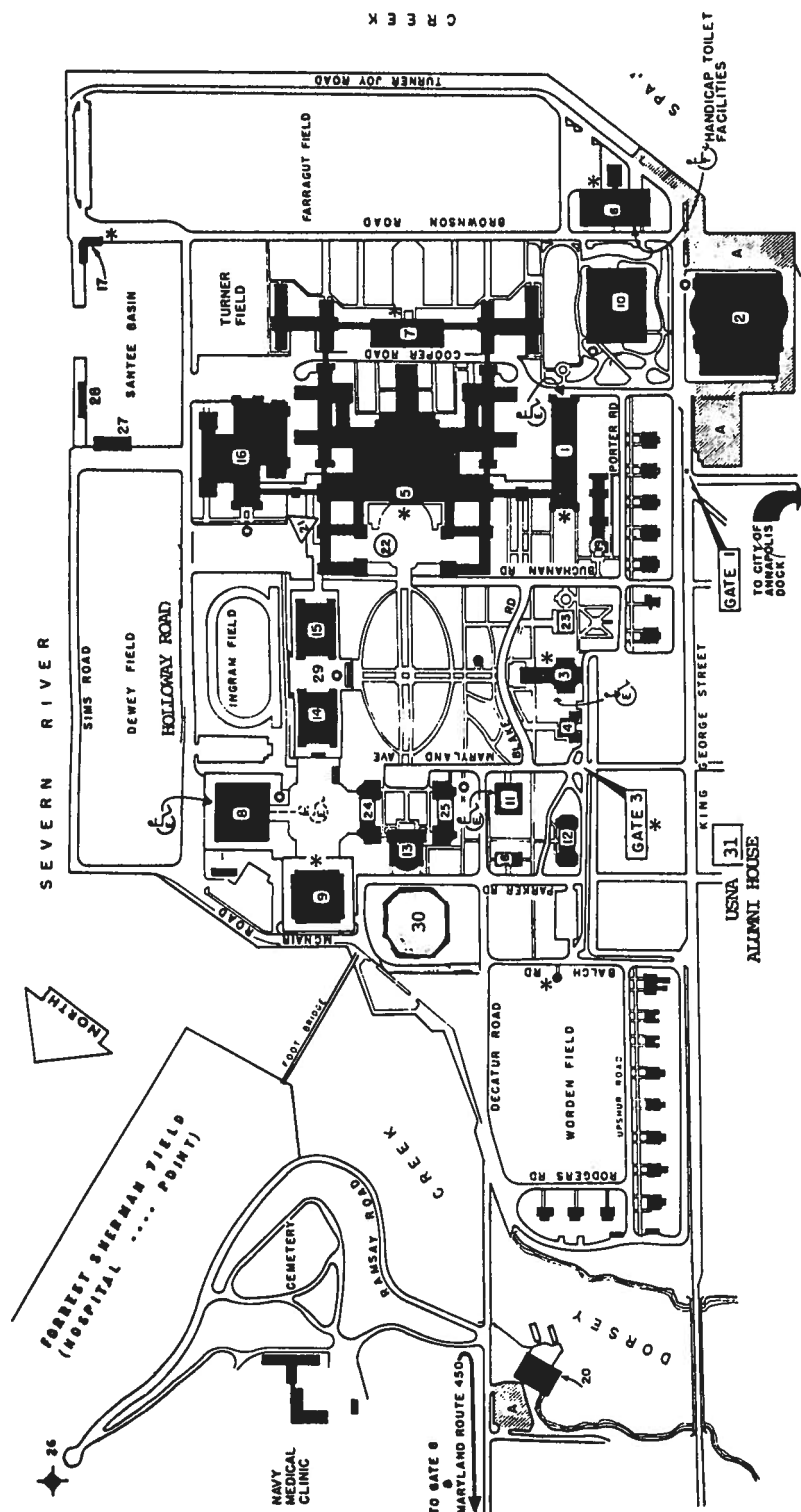
The Officers and Faculty Club is #12 on the map and Michelson Hall is #14.

MARM

The 24th Middle Atlantic Regional Meeting of ACS will be hosted by the North Jersey Section and Fairleigh Dickinson University. The meeting will be held on the Florham Park - Madison Campus of Fairleigh Dickinson on Route 24 in Madison, New Jersey. Dates are May 23-25, 1990.

Registration information can be obtained from Dr. R. Baylouny, Chemistry Dept., Fairleigh Dickinson University, Madison, N.J. 07940

MARCH 1990



DONALD J. KYLE

Dr. Donald J. Kyle is a native of Colorado. He received his B.S. in chemistry under Professor A. I. Meyers from the Colorado State University. He received his Ph.D. in 1986 at Texas Tech University under Professor John Marx. In 1986 he joined NOVA Pharmaceutical Corporation where he is Senior Computational Chemist. His research interests include the correlation of high field NMR studies with bio-active conformations of peptides and the application of molecular modelling in computer aided drug design.

He is an adjunct professor in the department of bio-medicinal chemistry at the University of Maryland at Baltimore, and is the author of many scientific publications in the area of molecular modelling.

The title of his talk is "The Role of Computational Chemistry in Pharmaceutical Research."

WILLIAM J. BAILEY

The Executive Board of the Maryland Section of the American Chemical Society expresses on behalf of the entire membership their sorrow on the passing of an eminent Maryland chemist, William J. Bailey. Professor Bailey was a champion of chemists and a leading proponent of polymer science. He was President of the ACS in 1975 and Chairman of its Board of Directors in 1979 and 1981. He was instrumental in strengthening the voice of the membership in the decision making process. His research in polymer science brought him international acclaim, as attested by numerous awards, including the Hillebrand Prize, the ACS Award in Applied Polymer Science and the ACS Polymer Division's Distinguished Polymer Scientist Award. His marvelous sense of humor was well known to his many friends. We honor his memory and extend our deepest sympathy to his family in their bereavement.

Provided by Harold Klapper, following a resolution of 10 January 1990 by the Board of Managers of the Chemical Society of Washington and unanimously resolved by the Executive Board of the Maryland Section on 7 February 1990.

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### FUTURE MEETINGS

April 18:

Western Maryland College  
Michael Kuhar  
NIH Addiction Center  
(note change)

May 16:

Johns Hopkins  
Remsen Award

April 22-25:

American Oil Chemists'  
Society annual meeting  
in Baltimore

## The Johns Hopkins University

### 1990 Spring Chemistry Colloquium Schedule

Remsen 221, Tuesdays, 4:15 p.m.

For more information contact Rosalie Elder (301)338-7432

March 6	Ad Bax National Institutes of Health	Three-Dimensional NMR Spectroscopy
March 13	Jeremy Knowles Harvard University	Enzyme Catalysis: Ingenuity or Prowess?
March 21 <u>WEDNESDAY</u>	Joseph Konopelski University of California at Santa Cruz	To be announced
March 27	Leo Paquette Ohio State University	To be announced
April 3	Bernard Waegell Universite De Droit, D'Economie Et Des Sciences, Marseille	To be announced
April 17	David Draper Johns Hopkins University	Protein Recognition of Unusual RNA Structures
April 24	Steven McKnight Carnegie Institute	Leucine Zippers
May 8	John Katzenellenbogen University of Illinois	Molecular Probes of Steroid Hormone Action

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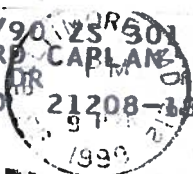
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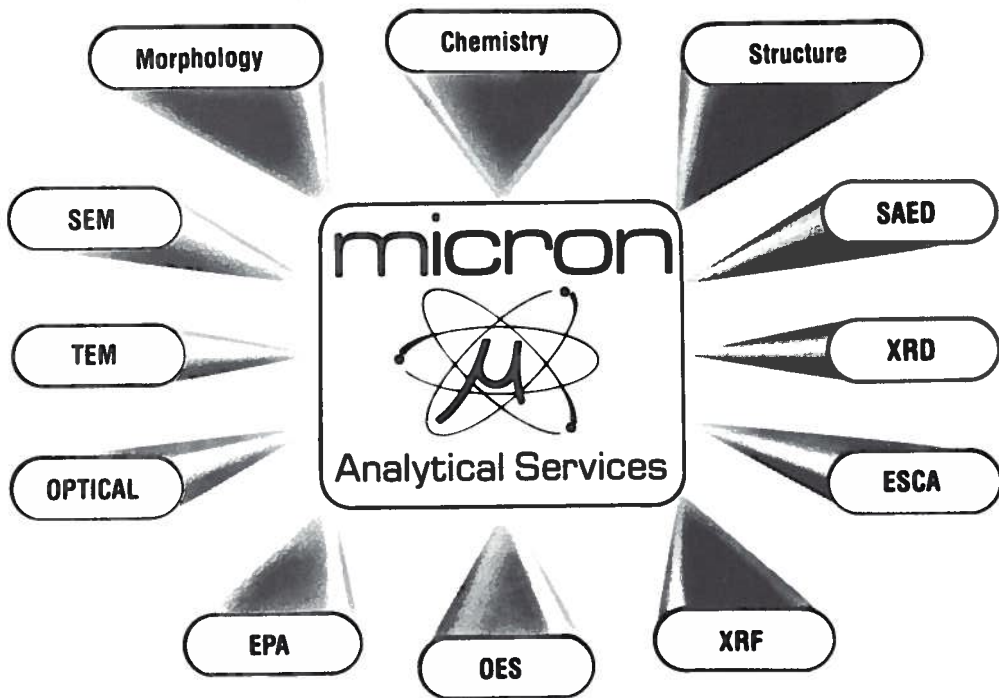
### • ORGANIC ANALYSIS •

elements (C, H, O, N, S, X, ash, metals)  
molecular weights, B.T.U., T.O.C  
emission spectroscopy, chromatography

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