



THE **CHESAPEAKE
CHEMIST**

MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

VOL. XXVIII

DECEMBER, 1972

NUMBER 9





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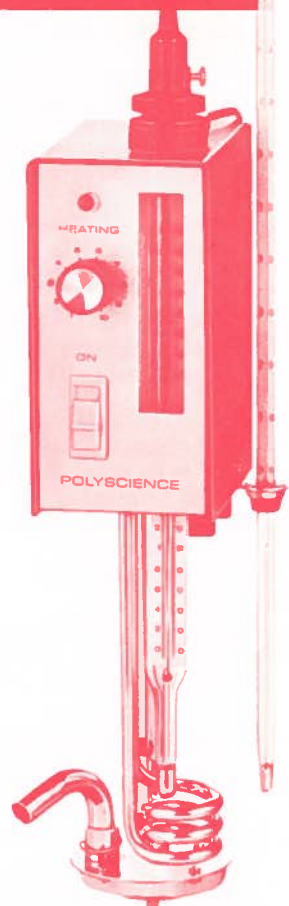
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THE CHESAPEAKE CHEMIST

DECEMBER MEETING

JOINT MARYLAND-WASHINGTON MEETING

DATE:

THURSDAY, DECEMBER 14, 1972

PLACE:

J.H.U. Applied Physics Lab.

Baltimore Beltway (I-695)
 to Exit 16 West (I-70N).
 7 miles to U.S. Rte. 29.
 South on Rte. 29 for 9.2
 miles to Johns Hopkins Rd.
 Right to Applied Physics
 Laboratory.

See map, p.11.



Dr. V. T. DeVita, Jr.

SPEAKER & TOPIC:

Dr. Vincent T. DeVita, Jr.
 Chief, Medicine Branch,
 National Institutes of
 Health.
 8:30 "Chemical Control
 of Cancer: Where we are.
 Where are we going?"

MUSEUM TOUR:

6:00 Guided tour of APL
 work in biomedical eng.,
 Urban transportation, Space
 & missile research. (Depart:
 Lobby, visitors entrance -
 dinner ticket required as
 pass).

SOCIAL HOUR:

6:30 Cafeteria Foyer, Main
 Bldg. (Complimentary).
 DECEMBER, 1972

DINNER:

7:15 Cafeteria, Main Bldg.
 \$5.50, students \$4.50,
 Student affiliates \$3.50.
 Sit-down Roast Beef dinner.

RESERVATIONS:

Reservations are mandatory
 and must be made no later
than Dec. 11. Call Allen
 Bednarczyk, 667-7480 or
 667-7470.

NON-U.S. CITIZENS:

Notify, in writing: Applied
 Physics Lab. J.H.U. 8621
 Georgia Ave., Silver Spring,
 Md. 20910. Attn: M. W.
 Buchanan, prior to tour,
 giving name, address and
 affiliation.

WELCOME . . .

The following people have recently joined the Maryland Section of the American Chemical Society. The Local Section welcomes each one and invites each member to attend Local Section meetings and to participate in Local Section activities.

Joseph Eugene Ahnell
Baltimore, Maryland
Dr. Alf L. Andreassen
Columbia, Maryland
Dr. John Paul Anhalt
Baltimore, Maryland
Dr. R. N. Bonnett
Baltimore, Maryland
Mr. Peter M. Dzadzic
Baltimore, Maryland
James C. Eaton, Jr.
Thurmont, Maryland
Donald Eugene Jones
Westminster, Maryland
James J. Kelly
Severna Park, Maryland
Mr. John Dennis McCurdy
Columbia, Maryland
Dr. Henry E. Montgomery, Jr.
Bainbridge, Maryland
Dr. Sylvan H. Newburger
Baltimore, Maryland
W. C. Nierman
Annapolis, Maryland
Mr. Asokkumar Pal
Belcamp, Maryland
Mr. William Warren Reichert
Catonsville, Maryland
Dr. Bruce S. Schoenberg
Baltimore, Maryland
Dr. Walter M. Shackelford
Edgewood, Maryland
Cpt. Richard M. Spann
Edgewood Arsenal, Maryland
Mrs. Helen M. Passano,
Baltimore, Maryland
Dr. Vithal C. Patel,
Glen Burnie, Maryland
Dr. John Saverio Penta,
Columbia, Maryland
Mr. Gerald J. Presbury,
Baltimore, Maryland
Dr. Ellis P. Robinson,
Columbia, Maryland
John T. Saatkamp,
Severna Park, Maryland

Dr. Jan Peter Skalny,
Baltimore, Maryland
Dr. William F. Stephen, Jr.,
Catonsville, Maryland
Mr. Bruce N. Troup,
Baltimore, Maryland
Martha Anna Umbreit,
Towson, Maryland
William Dean Wulff,
Ft. Meade, Maryland

ACS - PEP PROGRAM

PeP, the Society's Professional Enhancement Program, is now in its most crucial stage. The ball has been passed to ACS local sections, and the success or failure of PEP is riding on their efforts.

Initial response to the every-member solicitation mailed from ACS headquarters in September has been encouraging (some 3,500 members had contributed more than \$50,000 by early October). But there is a long way to go to reach the PEP goal of \$1,000,000. The hope is that the person-to-person campaign now starting among local sections will be effective in closing the gap.

PEP Steering Committee Chairman Alan C. Nixon wrote in early October to all local section chairmen who had not yet appointed PEP leaders, asking them to do so and to establish campaign organizations so that every section member may be contacted personally. Lists of individuals who have already contributed, along with other information to help with the campaign, are being furnished by the ACS national office.

Even before Dr. Nixon wrote, some 20 sections had formed PEP committees - the result of an earlier appeal issued by President Max Tishler. By mid-October, another dozen sections had responded to Dr. Nixon's letter, and most of this total group have opened their fund drives among their members. With more sections joining in every week, the outlook for a successful campaign is "guardedly optimistic," according to a PEP spokesman.

PEP's steering committee, guided by a survey of Council members, has given top priority to ten items from the original list of PEP activities. These ten, which will be the first to benefit from PEP contributions, are:

1. Provide direct aid to unemployed members, such as cancellation of dues payments and operation of toll-free telephone service for members seeking employment information and assistance with resumes (including copying).

2. Establish a system for comparing employment practices of various employers of chemists and chemical engineers, and work for universal acceptance of ACS "Guidelines for Employers."

3. Provide support for free ACS Audio and Short Courses for unemployed members.

4. Provide support for regional employment-aid counselors.

5. Develop emergency employment programs for chemists and chemical engineers in environmental and other public service areas.

6. Increase ability to investigate complaints from members regarding unprofessional treatment.

7. Investigate and report on causes of, and methods of avoiding, major layoffs of chemists and chemical engineers.

8. Expand manpower supply/demand studies in order to achieve a better balance and prevent recurring employment crises.

9. Increase ACS capability in executive and legislative government contact work and in legislative analysis and reporting.

10. Publish an annual review of chemistry in lay language to inform the public and government leaders concerning achievements of chemists and chemical engineers.

IF YOU CHANGE YOUR ADDRESS . . . Please do not notify the Editor of the *Chesapeake Chemist*, but send your new and old addresses to: The American Chemical Society, 1155 Sixteenth Street, N.W., Washington, D. C. 20036. The Maryland Section will then be notified.

8TH Middle Atlantic Regional Meeting

Sheraton-Park Hotel
Washington, D. C.
January 14-17, 1973

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CHEMISTRY A-367
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D.C. 20234

COVER DESIGN
BY
JANICE WESTON

When Did YOU
Last Attend A
Local A.C.S.
Meeting?

EXECUTIVE COMMITTEE MINUTES

Minutes of the Executive Committee Meeting of the Maryland Section of the American Chemical Society held on October 24, 1972 at Loyola College.

The meeting was called to order by the Chairman, Dr. Joyce J. Kaufman. Present were: D. F. Roswell, E. F. Silversmith, D. E. Jones, M. P. Miller, W. G. Galetto, F. T. Parr, L. Weber, P. Johnson, F. Gornick, R. J. Kassel, T. C. Simmons, J. Cogliano, and Y. H. Caplan.

B. Murr presented highlights of the meeting of councilors held at the national ACS meeting in New York. These highlights included: (1) a suggestion that layoffs of chemists be decreased by decreasing the working time of each individual chemist, (2) a plan to prepare a paper on the role of women in chemistry, (3) an announcement that the financial status of ACS at the national level is excellent, (4) the voting down of a suggested increase in dues, and (5) the voting down of a suggestion that councilors could use mail ballots for voting.

L. Weber presented the treasurer's report. Dinner meetings have cost the section a net of \$2000 so far in 1972; this is "about normal." In the scholarship program, the amount paid out now exceeds the outside donations. Another \$852 is to be paid out before the program ends in 1973.

F. T. Parr reported that the Nominating Committee has nominated the following slate of officers for 1973:

Chairman-elect..Donald E. Jones
Secretary.....Ernest F. Silversmith
Treasurer.....Allen Bednarczyk

Councilor.....Thomas C. Simmons
73-75
Frederick Gornick
73-75

Alternate
Councilor....David Roswell
73-75
Edward Posiomek
73-75

Members-at-large:

Theodore Berenthien
Robert Ellin
Edward Koubek
Ronald Kassel
Robert Schneider

Y. Caplan suggested (and most of the committee agreed) that the date of the monthly dinner meeting be kept flexible as to whether it occurs on the third or fourth Wednesday of the month. It was agreed that unemployed and retired chemists and their spouses be allowed to attend dinner meetings at the "student rate" of \$3.00.

M. Miller of the Education Committee suggested that a taped course on "Modern Theory of Acids and Bases" be given on a Saturday morning at Loyola College. Cost to the section and to those taking the course would be minimal. The committee heartily endorsed Dr. Miller's proposal.

The committee gave A. Bednarczyk a vote of thanks for accepting the chairmanship of the House Committee again for 1973.

F. T. Parr reported that MARM is still holding the 1978 date open for our section; no definite decision as to whether MARM will be held here in 1978 has been reached.

J. Cogliano of the Member Assistance Committee is preparing an article for the Chesapeake Chemist entitled "Services for Unemployed Chemists." He has been actively acquiring material on this subject.

W. Galetto reported that the printing of the Chesapeake Chemist is sometimes delayed because the machine used is tied up with other jobs. The use of a smaller page size would decrease this problem because a different machine would be used. This would also result in a lower cost. The matter is being looked into.

The committee voted to deny a request of Dr. A. Pavlath of Berkeley, California that we allow him to use the section's mailing list so that "Grassroots", a group he represents, can mail out literature supporting one of the candidates for the presidency of ACS.

Respectfully submitted
Ernest F. Silversmith
Secretary

These minutes are uncorrected, and are published for informational purposes only pending their acceptance at the next meeting of the Executive Committee.

THE CHESAPEAKE CHEMIST

MARYLAND BAY-VEST PROGRAM

During the past five years, there have been large cut-backs in defense and aerospace spending. The recent slow-down in business activity has caused many firms in other fields to economize by laying off engineers. One local large defense-oriented industry alone laid off several hundred technologists as a result of the loss of major contract. Many of these skilled professionals are still unemployed or working at jobs which don't make full use of their education and experience.

Bay-Vest, a voluntary self-help organization began operating February 1972 to help solve the problems of unemployed technical people in the Baltimore area. Since that time, about 230 unemployed professionals representing a wide variety of technical specialties, have become Bay-Vest members. The "Bay" refers to the local metropolitan area and the "Vest" refers to Volunteer Engineers, Scientists, and Technicians. Currently, about 109 of the total membership has found employment through the various aids and services provided by the organization.

Self-help and help of others is a key note of Bay-Vest activity; consequently, each member works at least four hours per week in the Bay-Vest Office working under the general direction of the Maryland Employment Service of the Department of Employment and Social Services located in Room 205, 1100 North Eutaw Street, Baltimore, Maryland 21201. Bay-Vest members will take turns running the office, meeting with prospective employers, and explaining the aim of project to civil and local government agencies. Bay-Vest members will be deployed as job developers who will be talking as skilled professionals to employers of skilled professionals about jobs not for themselves, but for each other. Their concentrated numbers are expected to have the advantage of high visibility, immediate implementation, and other tangible benefits for fellow professionals as well as to the employers. When a job opening is found, Bay-Vest gives the potential employer information on those Bay-Vest members best suited to fill the opening and at no cost to the employer.

In today's market, employers tend to be very specific, insisting that the applicant be an exact match to their requirements. To help its members deal with extreme competitions in the labor market, Bay-Vest conducts workshops on professional employment. These teach effective job hunting techniques, how to prepare a good resume and how to handle job interview questions. After completing the workshop, many members are now receiving replies to their letters resulting in interviews and job offers.

In addition to the cooperative sponsorship of the Bay-Vest, the State of Maryland has an active role in the Department of Labor's recently expanded Technology Mobilization and Re-Employment Program (TMRP) for aerospace and defense engineers, scientists and technicians. TMRP provides financial assistance to eligible applicants for job search, relocation and retraining. The employer can be reimbursed for on-the-job training costs. Bay-Vest operates from 8:30 a.m. to 4:30 p.m. daily and can be reached at 383-5531 or 383-5494 for additional information.



NEW YORK CHEMIST CLUB

The Chemists' Club of New York invites applications for membership from members of the Maryland Section of the American Chemical Society. The Club was founded in 1898 and has been closely associated with the rise of chemistry in the U.S. The Club is located in Midtown New York and can be your home away from home. Full club and hotel services are available. Our library is world famous. Non-Resident dues are modest.

For information and application forms, write to:

Membership Committee
The Chemists' Club
52 East 41st Street
New York, N.Y. 10017

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**8th
MARM**

General Meeting Chairman

Robert F. Cozzens
Department of Chemistry
George Mason College
4400 University Drive
Fairfax, Virginia 22030

Program Chairman

Robert F. Brady
706 Hope Lane
Gaithersburg, Maryland 20760

PLENARY LECTURERS

Prof. George C. Pimentel
Univ. of Calif., Berkeley

Prof. Gilbert Stork
Columbia University

Prof. Robert West
Univ. of Wisconsin

Technical session will not be held during the Plenary Lectures

SYMPOSIA

Analytical Chemistry:

- "Electrochemistry" (Joint with Physical Chemistry)
- "Biochemical—Clinical Multi-component Analysis"
- "Environmental Trace Metals"
- "Surface Analysis"

Chemical Documentation:

- "Computer Facilities in the Washington Area"

Chemical Education:

- "Graduate Education in Chemistry"
- "Chemistry for the Non-Science Major"
- "The Role of Chemistry in Inter-disciplinary Science Programs"

Inorganic Chemistry:

- "Spectroscopic Applications in Inorganic Chemistry"
- "Fluorine Chemistry"

Medicinal Chemistry and Biochemistry:

- "Computational Methods" (Joint with Organic Chemistry)
- "Contemporary Instrumentation"

Organic Chemistry:

- "Conformational Analysis"
- "Computational Methods" (Joint with Medicinal Chemistry and Biochemistry)
- "Bio-Organic Chemistry"

Physical Chemistry:

- "Kinetics of the Excited State"
- "Scattering Theory"
- "Electrochemistry" (Joint with Analytical Chemistry)
- "Measurement of Physical Properties"

Polymer Chemistry

Technicians' Symposium

Undergraduate Research

Sponsoring Local Sections

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Delaware
Lehigh Valley
Maryland

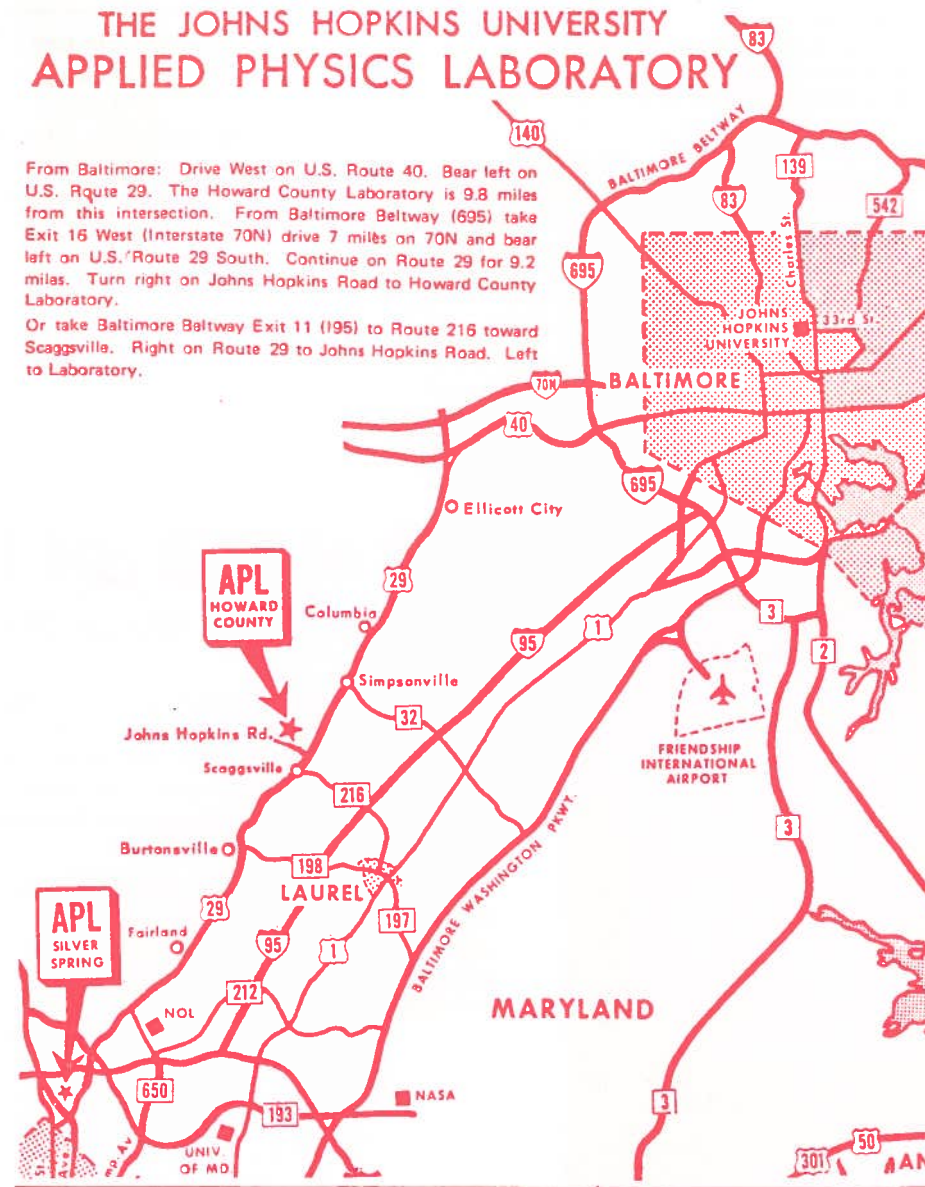
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Or take Baltimore Beltway Exit 11 (I95) to Route 216 toward Scaggsville. Right on Route 29 to Johns Hopkins Road. Left to Laboratory.



reservations are mandatory

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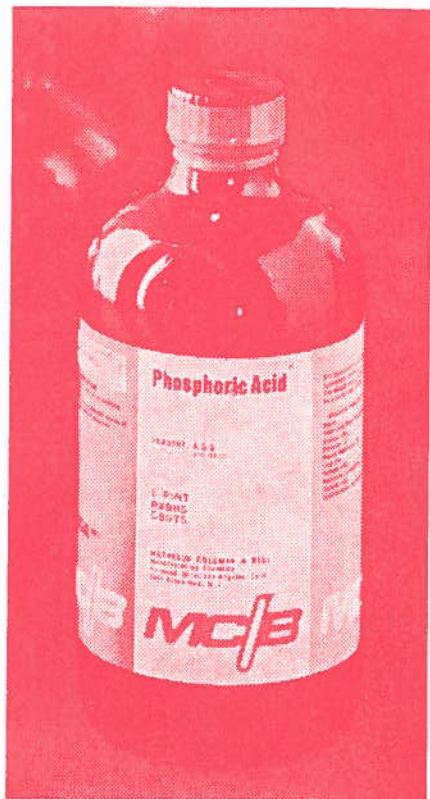
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