

# THE CHESAPEAKE CHEMIST

OCTOBER 1952

VOL. 8 NO. 7

PUBLISHED BY THE  
MARYLAND SECTION  
AMERICAN CHEMICAL SOCIETY

## THE OCTOBER MEETING

The Maryland Section will hold its next meeting on Friday, October 24, at 8:00 P.M. in The Auditorium, Army Chemical Center, Maryland. All members of the Section are urged to attend this important meeting, and non-members are cordially invited to be present.

The speakers will be Brigadier General William M. Creasy, Commanding General of the Chemical Corps Research and Engineering Command, Mr. George B. Wilson of the Chemical Division, and Mr. James P. Mitchell who is Chief of the Radiological Division Laboratories. Their topic will be "Radiological Defense", a subject of some importance in connection with atomic warfare. General Creasy will discuss the responsibilities of the Chemical Corps in this important field. Mr. Wilson will tell about current research in chemical dosimetry, and Mr. Mitchell will present briefly the work of his division on detection, protection and decontamination with respect to radioactive substances.

General Creasy, long a member of our Section, is a graduate of U.S.M.A., the C&G Staff College, the Army-Navy Staff College, and the National War College. From 1944 to 1946 he was Chief of the Strategic Planning Staff of the China-Burma-India Theatre, Deputy Advisor, U. S. Military Mission to China. From 1946 to 1948 he was Deputy Director for Research and Development, War Department General Staff. He has an M.S. in Chemical Engineering from M.I.T. and has held many responsible technical positions in the Chemical Corps.

Mr. Wilson is a graduate of The Johns Hopkins University. In addition to his duties as Assistant Chief of the Analytical Branch of the Chemical Division, he coordinates research in chemical dosimetry at the Army Chemical Center and at several (to page 3

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## Section Officers

Chairman Leslie Hellerman, Department of Physiological  
Chemistry, Johns Hopkins School of Medicine, Baltimore 5  
Vice-chairman Winslow H. Hartford, Mutual Chemical Company  
of America, Baltimore 34  
Secretary H. H. Lloyd, Goucher College, Baltimore 4  
Treasurer E. A. Metcalfe, 907 Litchfield Road, Baltimore 42

THE CHESAPEAKE CHEMIST is published each month from September through May by the Maryland Section, American Chemical Society.  
Editor: Belle Otto, Goucher College, Baltimore 4, Maryland.

## NOMINATING COMMITTEE FOR 1952

The following committee, appointed by Chairman Hellerman, will serve as the Nominating Committee for the Section for this year: Charles E. Brambel (chairman), C. Jelleff Carr, Giles B. Cooke, Wilton Harden, Roger M. Herriott, Evans B. Reid, William F. Rein-dollar and C. W. Wilson. This Committee will present a slate for officers for 1953 at the November meeting of the Section, and will welcome suggestions from members of the Section about possible nominees. Dr. Brambel may be reached at Mercy Hospital, Baltimore 2, phone SARatoga 6663. Candidates are to be nominated for all offices of the Section, including one Councillor and one alternate for three-year terms, one Councillor and one alternate for one-year terms, and five members-at-large of the Executive Committee.

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## MANPOWER COMMITTEE OF THE MARYLAND SECTION

Chairman Hellerman of the Maryland Section has appointed the following committee to serve the Section as a Manpower Committee: Giles B. Cooke (chairman), Channing W. Wilson (vice-chairman), George P. Hager, F. C. Hettinger, Evans Reid, William H. Summer-son, and Huntley Lloyd (ex-officio). The name of this committee indicates its function. In 1949, there were more than ten thousand chemists graduated from our colleges and universities. Based on present registration, the number of chemists and chemical en-gineers graduating in 1955 will be less than half this number. These figures show that it is imperative that the available chem-ists be placed where they can render the greatest service to our country, both for national defense and for normal civilian activ-ities.

Dr. Thomas, Chairman of the Board of Directors of the ACS, has appointed Dr. Ralph Connor Chairman of the Committee on Manpower for the ACS, and the local committee is working closely with Dr. Connor. At the recent national ACS meeting held in Atlantic City, Dr. Evans B. Reid represented the Maryland Section at a special dinner meeting of local section officers concerning manpower. The local committee has no immediate assignment and, at the pres-ent time, is keeping posted on the general situation concerning manpower.

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universities and industrial establishments.

Mr. Mitchell is a graduate of M.I.T. with much experience in the defensive aspects of chemical warfare. As Chief of the Radi-ological Division of the Chemical Corps Chemical and Radiological Laboratories, he is in an excellent position to discuss the sub-ject of Radiological Defense.

The dinner preceding the meeting will be held at Gunpowder Mess, Army Chemical Center, at 6:30, and is open to members and guests who accompany them. The charge per plate will be \$2.50. Reservations, with the exception of those made directly with Dr. MacRae at the Center, must be made with Dr. Hartford on the reply card enclosed before noon on Friday, October 17.

It is hoped that all persons who plan to attend the dinner or meeting will either have cars or friends who can transport them. Any who cannot arrange for transportation may notify Dr. Evans B. Reid at the Chemistry Department of The Johns Hopkins University, phone HOPkins 3300, extension 257, by Friday, October 17. Dr. Reid will do his best to arrange transportation.

All members and guests who go to the dinner or meeting will proceed to the Main Gate at the Army Chemical Center and be admit-ted and furnished directions by the officer on duty there. Those traveling by car from downtown Baltimore can follow Route 40 for about twenty miles to the traffic light at Edgewood Road, make a right turn there and proceed two miles to the Main Gate. It is another two miles from the gate to the Gunpowder Mess where the dinner will be held. In view of the heavy traffic at that time of day, it is suggested that those planning to attend the dinner leave downtown Baltimore by 5:30 P.M. Those attending the meet-ing only should leave Baltimore by about 7:00 P.M.

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## ORGANIC SYMPOSIUM

The Organic Symposium, sponsored by the Wilmington and the Philadelphia Organic Chemist's Clubs, will be held in Wilmington on Thursday afternoon and evening, October 23, in the Hotel du-Pont Ballroom. The principal speakers are:

- 2:00 P.M. G. S. Hammond, Iowa State College, "Anomalous Behavior of Free Radicals in Solution"  
3:00 P.M. R. C. Fuson, University of Illinois, "Aromatic Substitution by Means of the Grignard Reagent"  
5:30 P.M. Dinner - Hotel duPont, duBarry Room  
7:00 P.M. C. G. Swain, M.I.T., "Correlation of Rates of Polar Displacement Reactions"  
8:30 P.M. R. D. Cramer, duPont, "Chemistry of Fluoroolefins"

Each meeting will be followed by a discussion period. The symposium is open to everyone interested. Registration fee is \$1.00 and includes abstracts. Registration can be done at the meeting, or in advance through Dr. P. Kovacic, Jackson Lab, Or-ganic Chemicals Department, E.I. duPont and Co., Wilmington, Del.

NEXT MEETING      October 24                      TIME      8:00 P.M.  
 PLACE      Auditorium of the Engineering Agency Army Chemical Center  
 SPEAKERS                                      General William M. Creasy  
    George B. Wilson  
    James P. Mitchell

SUBJECT    Radiological Defense

DINNER                      6:30 P.M., Gunpowder Mess, Army Chemical Center  
 The dinner is open to members of the Section and their guests.  
 The meeting is open to any who are interested.

FUTURE MEETING      Frank LaQue of International Nickel on Nov. 24

#### THE ACS COUNCIL MEETING

The Council of the ACS held its fall meeting in Atlantic City on September 17. Three Maryland Section Councillors (Corwin, MacRae and Otto) were present.

No proposals for modification of the Constitution or Bylaws of the Society were made at this meeting, indicating that the Society now has a working document reasonably free of inconveniences and inconsistencies.

The Council voted on the schedule for future meetings of the Society, which tentatively stands as follows:

	<u>Spring</u>	<u>Fall</u>
1953	Los Angeles	Chicago
1954	Kansas City (divided meeting, 2 weeks)	New York
1955	Cincinnati (divided meeting, 2 weeks)	Minneapolis
1956		Atlantic City

The divisor which determines the number of members of the Society represented by each Councillor was set at 280. It is hoped that this number has been set high enough so that sections may expect some stability for a few years in the number of Councillors allotted to each. In the Maryland Section we will have four councillors in 1953 only if our membership on December 1 exceeds 840 (3 x 280).

A plea was made for greater participation by the members of the Society in proposing names of qualified chemists to be considered for the various offices of the Society (President-elect, members of the Board of Directors, Council Policy Committee, members of standing committees), and for various awards administered by the Society. Such proposals may be made by any member, either directly to the Washington office or through the local chairman of the Committee on Nominations and Awards, Dr. Giles B. Cooke of the Crown Cork and Seal Company.

Announcement was made that the Society is considering the problems of the self-employed chemist in relation to the Social Security Act. Any one concerned with this should watch C&EN for reports on any contemplated action.