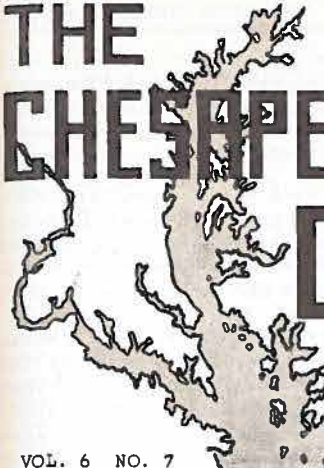


OCTOBER 1950

THE CHESAPEAKE CHEMIST

PUBLISHED BY THE
MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY



VOL. 6 NO. 7

THE OCTOBER MEETING

The Maryland Section of the A.C.S. will hold its second regular meeting for the year 1950-51 on Friday, October 27, at 8:00 p.m. (one-half hour earlier than usual) in the Chemical Corps School Auditorium, Army Chemical Center, Maryland. All members of the Maryland Section are urged to attend this important meeting, and non-members are cordially invited to be present. The lecture, as usual, is free of charge.

The speaker will be Dr. Egbert Wilson Hollingsworth, Chief Engineer, Munitions Division of the Technical Command, Army Chemical Center. Dr. Hollingsworth's topic will be "The Use of Thickened Gasoline in Chemical Warfare." He will review the theory of the formation and properties of Gasoline Gels and will discuss the various types of munitions in which they have been used in war and are now so effective in the Korean Campaign.

Dr. Hollingsworth was born in Greenwood, South Carolina, on September 30, 1911. He received the degree of B.S. at Clemson College in 1933, of M.S. at Louisiana in 1935, and the degree of Ph.D. in biochemistry at Iowa State College in 1941. He was an officer in the Chemical Warfare Service of the United States Army from 1941 to 1946 and it was during this period that he played an important part in the development of tank mounted flame throwers used so successfully at Okinawa. From 1946 to 1947 he held a position as Chemical Engineer in the Technical Command at the Army Chemical Center and in 1947 was made Chief Engineer of the Munitions Division. While his current interests cover the whole field of chemical warfare munitions, he is especially expert in the field of flame throwers. Prior to his military activities he published articles in the field of biochemistry on cholesterol, cholestenes, cholestadienes and cholestatrienes.

The dinner preceding the meeting will be held at (to page 3

Section Officers

Chairman Alsof H. Corwin, Department of Chemistry,
The Johns Hopkins University, Baltimore 18
Vice-chairman Charles E. Brambel, Mercy Hospital, Baltimore 2
Secretary-treasurer H. H. Lloyd, Goucher College, Baltimore 4

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.

NOMINATIONS ARE AGAIN IN ORDER

The Maryland Section will hold its annual elections at the regular meeting in November, which will immediately precede the meetings of the four divisional groups. The following positions are to be filled: Chairman, Vice-Chairman, Secretary-Treasurer, five Members-at-large of the Executive Committee, all to serve one year; one Councillor and one Alternate-Councillor, each to serve three years. A Nominating Committee, duly appointed by the Chairman, is ready to work on the selection of persons to fill these positions, and plans to announce its report in the November issue of THE CHESAPEAKE CHEMIST. The Committee will be glad to receive the names of members whom in your judgment it should consider. Names may be submitted by October 20 to any member of the Committee:

C. W. Wilson (Chairman), Gas & Electric Company; residence, 4122 Westview Road, Baltimore 18, telephone BELmont 4141.

J. E. Ahlberg, Davison Chemical Corp. Hilltop Laboratories; residence, 3709 Kimble Road, Baltimore 18, telephone CHESApeake 8743.

W. B. Burford III, Department of Chemistry, The Johns Hopkins University; residence, RFD #7, Hollins Road, Baltimore 9, telephone TOWson 2288.

C. J. Carr, School of Medicine, University of Maryland; residence, 206 N. Tyrone Road, Armagh Village, Baltimore 12, telephone TOWson 3493.

Duncan MacRae, Technical Command, Army Chemical Center, Maryland; residence, RFD #2, Bel Air, Maryland.

H. H. Lloyd (ex officio), Goucher College; residence, 2821 N. Howard Street, Baltimore 18, telephone BELmont 9059.

* * * * *

WHOSE RESPONSIBILITY?

There is general agreement on the desirability of increasing the number of members who participate in Maryland Section enterprises. Neither officers nor nominating committeemen, collectively, can hope to know more than a limited fraction of our total membership. Surely, there are those who are both willing and fitted to serve the Section in its growing diversification of activities. Most of us hesitate to put ourselves forward for any kind of position. Each of us can unblushingly suggest someone else who is qualified for one of the jobs that must be done. Will you help by sending the name of some member you know to the Nominating Committee or any officer of the Section? Will YOU?

from page 1) The October Meeting
Gunpowder Mess, Army Chemical Center, at 6:30 p.m. The charge per plate will be \$2.25. Reservations, with the exception of those made directly with Dr. MacRae at the Center, must be made (on the reply card enclosed) with Chairman Brambel (address on the card) before noon on Friday, October 20.

It is hoped that all persons who plan to attend the dinner and meeting will either have cars or friends who can transport them. Any who cannot arrange for transportation in this manner may notify Chairman Brambel, who will do his best to find 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 admitted and furnished directions by the officer on duty there. Those travelling by car from downtown Baltimore can follow Route 40 for about twenty miles to the traffic light at Edgewood Road, make a right-hand turn there and proceed two miles to the Main gate. It is another two miles from the gate to Gunpowder Mess where the dinner will be held, making a total of twenty-four miles. 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 meeting only should leave Baltimore by about 7:00 p.m.

* * * * *

from page 4) Executive Committee Notes

The chairman raised the question of having an instrument show in conjunction with the divisional group meetings in November. Different instrument makers could be invited to participate in the display. If the show were held in one of the Hopkins laboratories, it could be combined with the social hour and refreshments, immediately following the group meetings. Agreement was reached that this should be tried.

H. H. Lloyd, Secretary

* * * * *

THE MARYLAND SECTION AT THE CHICAGO MEETING

Many members, past and present, of the Maryland Section attended the recent Chicago meeting of the A.C.S. and enjoyed the opportunities for reunions with old friends. A number presented papers at the technical sessions. At the business sessions of the Society, the Maryland Section was represented at a number of meetings. Three Councillors--Dr. Giles Cooke, Dr. Duncan MacRae and Dr. Belle Otto--attended the meetings of the Council. An informal report of the Council meeting has already appeared in Chemical and Engineering News, and the formal minutes will be published there in October. Dr. Otto attended the meetings of the Council Standing Committee on Membership Affairs. Dr. Channing W. Wilson represented the Section at the meeting of Local Section Officers, and Dr. Otto at the meeting on the Jubilee Year Membership Campaign.



NEXT MEETING October 27 TIME 8:00 P.M.
PLACE Chemical Corps School Auditorium,
 Army Chemical Center, Maryland
SPEAKER Dr. Egbert Wilson Hollingsworth
SUBJECT The Use of Thickened Gasoline
 in Chemical Warfare
DINNER 6:30 P.M., Gunpowder Mess,
 Army Chemical Center, Maryland
The dinner is open to members and their guests.
The meeting is open to any who are interested.
Save Friday, November 17, for the next meeting.

Dr. Hollingsworth

EXECUTIVE COMMITTEE NOTES

The Executive Committee of the Maryland Section met on September 26th at the home of Dr. and Mrs. Alsoph Corwin, with the chairman presiding and twelve members present.

The secretary reported that a new supply of pocket cards had been procured. It was decided to have Dr. Costa's committee pass out the cards, and to use cards of a different color or with different markings for new members (of less than a year's standing).

Dr. MacRae presented a complete report on arrangements for the Army Chemical Center Meeting in October. The subscription price of the dinner was set at \$2.25 (the actual cost), and the treasurer was authorized to pay for guest dinners and gratuities out of Section funds. Appreciation was expressed to Dr. MacRae and to the officers at the Center who planned the meeting.

The chairman read a letter from the Executive Secretary of the A.C.S., which was prompted by a request from the Director of the National Scientific Register, urgently asking the Maryland Section to aid in getting "the most complete coverage of chemists and chemical engineers which it is possible to obtain." Dr. Corwin indicated that this task resolves itself into one of finding chemists and engineers who are not members of national societies. A number of suggestions were made with regard to ways and means of doing this. It was decided to put Dr. Winslow Hartford in charge and to use his idea of approaching companies that employ chemists and engineers through the personnel office at the Mutual Chemical Company of America in Baltimore. Meanwhile, the secretary was instructed to turn over to Dr. Hartford the names of employers gleaned from the member information cards.

Dr. Hager reported on plans for the divisional group meetings in November. Looking toward the delineation of our membership into groups, Dr. Hager gave a brief account of methods used by other Sections and an analysis of interests shown on the nearly three hundred information cards which have been received. The decision was made to start off with four groups--organic, biochemical and medicinal; inorganic and physical; industrial and engineering; analytical and instrumentation--in the hope that most of our members would find their interests within one or another of these groups. Various persons were suggested to head up these groups, including the solicitation of four papers for the program of each group. The final selection of group chairmen was left to Dr. Corwin.

(to page 3