

THE CHESAPEAKE CHEMIST

OCTOBER 1951

VOL. 7 NO. 7

PUBLISHED BY THE
MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

THE OCTOBER MEETING

The Maryland Section will hold its next meeting on Friday, October 26 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 Section are urged to attend this important meeting, and non-members are cordially invited to be present.

The speaker will be Lt. Col. Don L. Mace, Deputy Chief, Veterinary Microbiological Division, Biological Laboratories, Camp Detrick, Maryland. His topic will be "Development of Vaccine and Measures Used in Eradication of Foot-and-Mouth Disease in Mexico". He will describe the disease and discuss its economic significance and measures used in combating it. Dr. Mace will present experimental investigations of tissue culture methods for mass propagation of virus for a preventive vaccine.

Lt. Col. Mace, a native of Utah, received the degree D.V.M. at Kansas State College in 1935. He entered the Army in 1939 and served in the Medical Division, Army Chemical Center until 1945. During this period he received the Legion of Merit for his participation in the research program. He entered The Johns Hopkins University in 1945 and was awarded the degree M.P.H. in 1946. From 1946 to 1949 he did research with such diseases as rabies, equine encephalomyelitis, trypanosomiasis, Jap B encephalitis and poliomyelitis at the 3rd Medical General Laboratory, Manila, P.I. He was assigned to duty with the Chemical Corps at Camp Detrick in January 1949. In 1950 Lt. Col. Mace completed the course in tissue culture given by the Tissue Culture Commission and sponsored by the College of Physicians and Surgeons, Columbia University. This training, coupled with his previous experience in virus diseases, he used when he was sent to Mexico in September 1949 to direct research toward the development of an effective and inexpensive vaccine for the prevention of foot-and-mouth disease. Upon completing development of this vaccine, (to page 3

Section Officers

Chairman Charles E. Brambel, Mercy Hospital, Baltimore 2
 Vice-chairman Leslie Helleman, Department of Physiological
 Chemistry, Johns Hopkins School of Medicine, Baltimore 5
 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.

THE SEPTEMBER MEETING OF THE ACS COUNCIL

All Councillors of the Maryland Section (Giles B. Cooke, A. H. Corwin, Duncan MacRae, Belle Otto) attended the New York meeting of the Council. The Council accomplished its business with dispatch, and a full report of its proceedings appears in Chemical and Engineering News.

Two controversial matters came up which, after generating much heat, were referred back to committees for accumulation of more information. The Council will act on both at the spring meeting, and in the intervening time members of the Society should make their opinions known. Your Maryland Councillors hope for vigorous and informed comment from those whom they represent.

One of these matters concerns the elimination of Honorary Membership from the membership categories of the Society. The Council Committee on Membership Affairs made this proposal and is convinced of its wisdom. The Council Committee on Constitution and By-laws feels that the proposed change is fundamental and should receive the careful consideration of the whole Society. The matter will be discussed in the pages of C&EN in the coming months. One of your Councillors (Otto) is a member of the Committee on Membership Affairs and will be glad to discuss the situation with any interested chemist.

The other question concerns increasing the number of Councillors allotted to the Divisions of the Society. This question was argued in the Council at some length. The Divisions feel that their representation is too low in the light of their active contributions to the Society. Opposition stemmed from the feeling that the Council should represent and act for the Society as a whole, and that the whole Society is much more adequately represented through the Local Sections. One of your Councillors (Cooke) has given much thought to this problem and is ready to discuss it with any Maryland members.

* * * * *

from page 4) Maryland's Celebration of the Diamond Jubilee
 Jubilee celebration was planned by a committee consisting of E. S. Hopkins, chairman, Stephen S. Hubbard, E. H. Metcalf and John L. Straughn, with the cooperation of Winslow Hartford as Publicity Chairman for the Section. Dr. Hartford also wrote an article on the Diamond Jubilee for the September issue of Baltimore, the publication of the Senior Association of Commerce of Baltimore, and an article on the Maryland Section for the September 4 issue of the Journal of Commerce.

from page 1) The October Meeting
 Lt. Col. Mace returned to duty at Camp Detrick a year ago.

The dinner preceding the meeting will be held at Gunpowder Mess, Army Chemical Center, at 6:30, and is open only 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. Helleman on the reply card enclosed before noon on Friday, October 19.

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 Tuesday, October 23. 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 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. 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.

* * * * *

NEWS OF MARYLAND SECTION MEMBERS

Dr. Alsoph H. Corwin of The Johns Hopkins University Department of Chemistry was an invited participant at the "Congress pour la liberté de la culture" which met in September at Andlau in Alsace. This is a French organization whose purpose is to study and formulate methods for combatting the spread of communism. Writers, sociologists, poets and scientists (of whom Dr. Corwin was one) made up the panel of fifteen who conducted the five-day seminar. The scientists were directly concerned with the effect of the Communist substitution of party decree for experimental observation, first apparent in the famous "genetics controversy" and now extended to all science and appearing particularly in organic chemistry. The seminar considered devices to assure that no more scientists become affected by this approach to scientific theory.

Dr. E. V. McCollum was honored by a symposium on "The Physiological Role of Certain Vitamins and Trace Elements" sponsored by The Robert Gould Research Foundation and The Johns Hopkins University in September. Attendants at the symposium included a large number of those who were Dr. McCollum's students when he was Chairman of the Department of Biochemistry at the School of Hygiene and Public Health of The Johns Hopkins University. His former students and co-workers were delighted with this opportunity to do honor to their famous and beloved teacher.



NEXT MEETING October 26 TIME 8:00 P.M.
PLACE Chemical Corps School Auditorium,
 Army Chemical Center, Maryland
SPEAKER Lieutenant Colonel Don L. Mace
SUBJECT Development of Vaccine and Measures
 Used in Eradication of Foot-and-Mouth Disease
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.
FUTURE MEETINGS Fridays, Nov. 16 and Dec. 14

Lt. Col. Mace

MARYLAND'S CELEBRATION OF THE ACS DIAMOND JUBILEE

The Baltimore celebration of the 75th anniversary of the founding of our Society was a great success. The thanks of the Section are due to Chairman Brambel and all who worked on committees in this connection.

The September meeting of the Section was unusually successful. Heralded by wide publicity in local newspapers (thanks to Winslow Hartford), the meeting itself was also well reported and provoked editorial comment in the "Evening Sun". Dr. W. A. Noyes, Jr. made a stimulating address which was heard by more than 250 chemists and their friends. He was introduced by Dr. Louise Kelley of Goucher College, who has worked with Dr. Noyes for many years as Assistant Editor of Chemical Reviews. President Bronk of The Johns Hopkins University welcomed chemists to the Jubilee Meeting. Special guests at the dinner preceding the meeting included a number of those prominent in the early days of the Maryland Section, notably Dr. and Mrs. E. V. McCollum, Dr. and Mrs. H. A. B. Dunning, Sr., Dr. and Mrs. E. Emmet Reid, Dr. A. R. L. Dohme and Dr. and Mrs. W. Mansfield Clark. The Section is indebted to Dr. Leslie Hellerman and Dr. Evans B. Reid for their careful planning of so successful a dinner and general meeting.

The attention of the general public was called to the anniversary by displays in the windows of Hynson, Westcott and Dunning and in the Department of Industry and Science at Pratt Library, and by radio broadcasts. Station WFBR broadcast a ten minute transcription made by Dr. Noyes while he was in Baltimore. Again, Dr. Hartford was responsible for these enterprises.

Prominent local chemists were generous with their time and thought in speaking to a number of Baltimore service clubs on the subject "The Chemical Background of Modern Living". Dr. E. V. McCollum of The Johns Hopkins University spoke to the Kiwanis Club. The Lions Club heard Dr. Charles E. Waring, Vice-president in Charge of Research at Davison Chemical Corporation. Dr. Carl F. Prutton, Vice-president, Director of Operations, Mathieson Chemical Corporation, addressed the Rotary Club. The Junior Association of Commerce had as their speaker Dr. Barnett Cohen of The Johns Hopkins Medical School. Their listeners are grateful to these men for interesting addresses, and the Maryland Section is likewise indebted to them for so ably representing the Section in this phase of our public relations. This part of the (to page 2