



Carl E. Barnes

NEXT MEETING Wed., Dec. 14 TIME 8:30 P.M.  
 PLACE Room 1, Remsen Hall, Johns Hopkins  
 Charles & 34th Streets  
 SPEAKER Dr. Carl E. Barnes  
 SUBJECT Color Photography  
 DINNER 6:30, The Johns Hopkins Club  
 Charles & 34th Streets

The meeting is open to any who are interested.  
 Bring another chemist.  
 Save January 27, for the next Section meeting.

## REPORT OF THE SECRETARY FOR 1949

The membership of the Maryland Section has receded in 1949 to 751 A.C.S. members, largely because of lapse of membership and removal of former members. The Section has 16 associate (formerly called "local") members and sends "The Chesapeake Chemist" to 45 editors and other persons and groups.

Nine meetings of the Section have been held. Attendance has been good, reflecting industry and judgment on the part of the Program Chairman, A. H. Corwin, in selecting activities and speakers. The practice of supplying name cards and refreshments has continued to improve fellowship at meetings in Remsen Hall. One well attended meeting of the Executive Committee in April was devoted largely to consideration of a new set of Bylaws, which is now in the hands of the A.C.S. Committee for approval.

The fourth Remsen Memorial Lecture was given by Joel H. Hildebrand, who was accompanied on his trip east by Mrs. Hildebrand. At the conclusion of his interesting talk, Dr. Hildebrand was given the Remsen Memorial Scroll. In March, members of the Section made an inspection of the renovated Hopkins laboratories and were presented with a Hopkins paperweight as souvenir. In September, the Section was the guest of the Technical Command, Army Chemical Center. More than 100 enjoyed dinner at the Officers' Mess, and more than 300 attended the fine lecture given by W. H. Summerson of the Medical Staff at the Center. The success of this venture, which was arranged by Drs. MacRae and Rueggeberg, augers well for better consolidation of the Section groups in the Edgewood and Baltimore areas. In October, a sizeable contingent made a tour of the Point Breeze plant of Western Electric Company and enjoyed a talk by Wm. E. Medford of the engineering staff. Speakers at other meetings included C. E. Barnett (New Jersey Zinc Co.), R. J. Gettens (Fogg Museum and Harvard), Alexander Rothen (Rockefeller Institute), J. P. Greenstein (National Cancer Institute), and Curt Richter (Hopkins Medical School).

Two meetings of the A.C.S. Council were held in 1949. At the April meeting in San Francisco the Section was represented by Duncan MacRae and E. E. Reid; at the September meeting in Atlantic City, by Jelleff Carr, Giles Cooke, Belle Otto and E. E. Reid.

H. H. Lloyd, Secretary

# THE CHESAPEAKE CHEMIST

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**MARYLAND SECTION**  
 AMERICAN CHEMICAL SOCIETY

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The Section will hold its next meeting on Friday evening, \*January 27, at Remsen Hall on the Homewood Campus, and will welcome as the speaker a former member of the Section, Frederick Y. Wiselogle. Dr. Wiselogle, who is now an Associate Member of Squibb Institute of Medical Research, will talk on "Chemotherapy of Experimental Tuberculosis."

Dr. Wiselogle is a native of Michigan, and received his undergraduate and graduate training in chemistry at the University of Michigan, which awarded him the Sc.D. degree in 1936. In 1936 he joined the Chemistry Department of The Johns Hopkins University, where he remained for ten years. During these years he was an active and valuable member of the Maryland Section and served as a member of the Executive Committee and as a Councillor. His associates and former students in the Hopkins Chemistry Department, who remember well the clarity of his teaching, will be delighted to join other Maryland chemists in welcoming Dr. Wiselogle back to Baltimore. During the war years he was granted leave from the University to take charge of the office of the Survey of Antimalarial Drugs, as a Technical Aide to the Chairman of the Division of Chemistry and Chemical Technology, National Research Council. He worked as a civilian with OSRD and ESMWT.

In 1946 Dr. Wiselogle joined the Squibb Institute for Medical Research, where much of his work has been related to the chemotherapy of tuberculosis. Basically an organic chemist, he has done much work in the fields of free radicals, hydrazines and the chemotherapy of malaria and tuberculosis. In his talk before the Maryland Section, Dr. Wiselogle will discuss briefly the various tests that have been used in the search for antituberculous agents. He will report on the recent studies in the Squibb Institute aimed at correlating chemical structure and biological activity. (to page 2)

## Section Officers

Chairman Alsoph 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 18

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Editor: Belle Otto, Goucher College, Baltimore 18, Maryland.

## MARYLAND SECTION BUSINESS

Executive Committee As a result of the elections held at the November meeting, the following members of the Section will serve as the Executive Committee for 1950:

Officers

Alsoph H. Corwin  
Charles E. Brambel  
H. H. Lloyd

Members-at-large

George P. Hager E. H. Metcalf  
W. H. Hartford W. H. C. Rueggeberg  
Stephen S. Hubbard

Councillors

John C. Krantz, Jr.  
Belle Otto  
Duncan MacRae

Past Chairmen (not otherwise listed)

Donald H. Andrews  
H. A. B. Dunning  
Fitzgerald Dunning  
Wilton H. Harden  
John A. Herculson  
Edward S. Hopkins  
Wm. F. Reindollar  
C. P. VanGundy

Alternate Councillors

Giles B. Cooke  
Leslie Hellerman  
Channing W. Wilson

\* \* \* \* \*

from page 1) The January Meeting

The dinner preceding the meeting will be held at the Johns Hopkins Club at 6:30. Reservations must be made before noon on Thursday, January 26, with the Chairman of the Program Committee, Dr. Charles E. Brambel, Mercy Hospital, Baltimore 2 - telephone Saratoga 5400, extension 24.

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## SECOND SEMESTER COURSES AT LOCAL UNIVERSITIES

The work of the second semester will start soon in the evening sessions at local universities. At McCoy College of The Johns Hopkins University, the courses in chemistry and related subjects which started in September will, for the most part, be continued. In addition, courses will be offered in trigonometry, integral calculus, differential equations and infinite series, and geometrical and physical optics. The University of Maryland at its Baltimore Schools will offer work in advanced organic chemistry, advanced biochemistry, serology, pathogenic bacteriology, higher algebra and elementary physics. Further information about these courses may be obtained from the Registrars of the schools.

## OPEN MEETINGS OF INTEREST TO MARYLAND CHEMISTS

The Engineers Club of Baltimore and its Affiliated Societies (of which the Maryland Section is one) are sponsoring a public lecture on Friday, February 10, at 8:30 at the Maryland Casualty Auditorium. Mr. Erick Larson, Consulting Engineer of Ford, Bacon and Davis, New York City, will speak on "Natural Gas - From Field to User". His presentation will cover the subject from broad economic and engineering viewpoints, and will trace the gas from the gas fields of Texas through the transmission lines to its ultimate use on the eastern seaboard. Maryland Section members will receive individual invitations to this lecture.

The Maryland Association of Medical and Public Health Laboratories will hold a meeting on February 9 to which any interested chemists are invited. Luncheon will be served in Levering Hall, The Johns Hopkins University, at 1:00, and will be followed by an address by Dr. Wm. H. Summerson, of the Army Chemical Center, on biochemistry and chemical warfare. Maryland Section members will recall Dr. Summerson's interesting remarks on this subject at our own September meeting. At about 3:00 P.M., following the lecture, open house will be held at the Laboratories of the National Cancer Institute in the Marine Hospital on Wyman Park Drive. Those who wish to make luncheon reservations may call or write Dr. Harriette Vera at the Baltimore Biological Laboratory, BELmont 1715.

Sigma Xi will hold an open meeting in Room 111, Mergenthaler Hall, Johns Hopkins Homewood Campus, at 8:30 on January 23. Dr. Seymour Cohen will speak on "The Synthesis of Bacterial Viruses".

The Enoch Pratt Free Library is sponsoring its second Atomic Energy Exhibit during January and February. Appropriate films will be shown at the Central Library at 12:30 on Tuesdays from January 24 through February 21. Lectures will be held at the Central Library on Sundays at 4:00 from January 22 through February 26. The speakers are outstanding national authorities in their several fields, and will discuss current progress in the utilization of atomic energy and the political, economic and social aspects of its use and control. Lectures and film showings are open to the public without charge.

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from page 4) Maryland Chemists in the ACS

Donald H. Andrews, also of the Hopkins Chemistry Department, is a member of the Committee on Low Temperature Calorimetry. Edward S. Hopkins, of the Montebello Filters, is chairman of the ACS Committee on Standard Methods for the Examination of Water and Sewage, and is also chairman of the Coagulation Symposium of the Division of Water, Sewage and Sanitation for the forthcoming Detroit meeting. Harry L. Fisher of U. S. Industrial is working with the ACS Nomenclature Committee, and W.H.C. Rueggeberg, of the Army Chemical Center, is a member of the sub-committee on the nomenclature of organo-phosphorus compounds. Three members of the Section, J. C. Krantz, Jr. of the University of Maryland, Duncan MacRae of the Army Chemical Center and Belle Otto of Goucher College, serve on the Council of the ACS, and Belle Otto is a member and secretary of the Council Standing Committee on Membership Affairs.



Dr. Wiselogle

NEXT MEETING January 27 TIME 8:30 P.M.  
 PLACE Room 101, Remsen Hall, Johns Hopkins  
 Charles & 34th Streets  
 SPEAKER Frederick Y. Wiselogle  
 SUBJECT Chemotherapy of Experimental  
 Tuberculosis  
 DINNER 6:30, The Johns Hopkins Club  
 Charles & 34th Streets  
 The meeting is open to any who are interested.  
 Save Friday, Feb. 24, to hear John R. Johnson.

## PROFESSIONAL ACTIVITIES OF MARYLAND CHEMISTS

(Editor's note: The Secretary of the Section has a file with the names of all the members of the Section, but unfortunately the record does not tell what kind of chemical work each man is engaged in, or where he does it. To obtain and publish such a listing is not the function of a news-letter like THE CHESAPEAKE CHEMIST, but no one can question that the Section would benefit if we could know more about the professional activities of our members. As a step in this direction, the staff of THE CHESAPEAKE CHEMIST is undertaking to collect and report information about the activities of Maryland Section members in connection with the American Chemical Society and related professional organizations. The Editor requests the cooperation of all members in supplying this information about themselves and others, and their forbearance when omissions and errors occur, for it will not be possible to make direct contact at once with all 750-odd members of the Section. The first of a possible series of reports on this topic appears below, and the Editor will greatly appreciate comments as to whether or no it should be continued.)

## MARYLAND CHEMISTS IN THE ACS

The ACS activities of some local members are shown by scrutiny of the personnel of the Executive Committee listed on page 2. This list will be extended when the operating committees for the year are announced, and could be supplemented by the names of all who have labored in the past or will labor in this new year in behalf of the local section.

In the national organization, the contributions of members are commonly made in connection with the publications of the Society or on its committees. Chemical Abstracts claims the services of Charles A. Rouiller, of the Army Chemical Center, as Assistant Editor of the Organic Section, and the list of abstractors includes C. Jelleff Carr and E. G. Van den Bosche of the University of Maryland, Elinor L. London, Channing W. Wilson of the "Gas and Electric Company" and Louise Kelley of Goucher College. Miss Kelley is also Assistant Editor of Chemical Reviews and of the Journal of Physical and Colloid Chemistry.

The committee activities of Maryland Section members are diverse. Alphon H. Corwin of The Johns Hopkins University is chairman of the Microbalances Committee of the Analytical Division.

(to page 3)

# THE CHESAPEAKE CHEMIST

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 MARYLAND SECTION  
 AMERICAN CHEMICAL SOCIETY

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VOL. 6 NO. 2

## THE FEBRUARY MEETING

The Maryland Section will hold its next meeting on Friday, February 24, on the Homewood Campus. The speaker will be Dr. John R. Johnson, Professor of Chemistry at Cornell University, whose topic will be "The Biosynthesis of Terpenes and Rubber."

Dr. Johnson received his undergraduate and graduate chemical training at the University of Illinois. Upon completion of his doctoral work in 1922, Dr. Johnson went to France for two years to study at the College de France as an American Field Service Fellow. He then served as instructor in chemistry at his Alma Mater. In 1927 he joined the faculty of Cornell University, where he is now professor of organic chemistry. In addition to his teaching duties, Dr. Johnson has served as a consultant with duPont since 1937. During the war he was a science liaison officer with the OSRD in London (1942-1945) and served as a civilian with the Office of Rubber Reserve. He has served on the editorial or advisory boards of Organic Syntheses since 1933 and has been a member of the editorial board of Organic Reactions since this series began publication. He is a member of the National Academy of Sciences and a Fellow of the London Chemical Society. Dr. Johnson's work in chemistry has touched diverse aspects of the field of organic chemistry, particularly organic boron compounds, explosives, ketene derivatives, furan derivatives, dienes, the mechanism of reactions, the structure of gliotoxin and the biosynthesis of isoprene derivatives.

With such a background Dr. Johnson is well qualified to discuss the topic chosen for our meeting. The terpenes and similar isoprenoid structures, such as vitamin A, the carotenes, rubber and gutta percha, are widely distributed in nature and are produced by a great variety of plants. Several theories have been advanced to account for the biochemical transformations involved

(to page 4)