


DECEMBER 1949

THE CHESAPEAKE CHEMIST



PUBLISHED BY THE
MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

VOL. 5 NO. 9

THE DECEMBER MEETING

The December meeting of the Section will be held on Wednesday, December 14, in Room 4 of Remsen Hall at 8:30 P.M. The speaker will be Dr. Carl E. Barnes, who will talk on "Color Photography". Dr. Barnes will present us with an illustrated discussion of the basic principles of color synthesis, leading to a description of the various processes of color photography, with especial emphasis on modern methods of producing color pictures. He will include some practical suggestions on how to handle color film for best results, and will show representative samples of color photographs.

Dr. Barnes is a native of Lewiston, Maine. He graduated from Bates College in Lewiston, and in 1935 received his Ph. D. in organic chemistry from Harvard University. He was employed as a polymer chemist by the Norton Company in Worcester, Massachusetts from 1936 to 1939, and by the Polaroid Corporation in Cambridge, Massachusetts from 1939 to 1941. His work with Polaroid was in the field of optical resins. He joined the General Aniline and Film Corporation in 1942, and in 1947 was made Associate Director of the Central Research Laboratory of the Company in charge of exploratory research, polymer research, acetylene chemistry and photographic and "Oxalid" research. Once owner of a retail photographic store, Dr. Barnes has long been interested in all phases of photography, and is eminently qualified to give the Maryland Section a most interesting discussion on this topic.

The dinner preceding the meeting will be held at the Johns Hopkins Club. Reservations must be made before noon on Tuesday, December 13, with Dr. A. H. Corwin, Department of Chemistry, The Johns Hopkins University, Baltimore 18 - telephone HOPKINS 3300, Extension 322. The dinner is open to all members of the Section.

Section Officers

Chairman J. A. Herculson, 407 Murdock Road, Baltimore 42
 Vice-Chairman A. H. Corwin, Department of Chemistry
 The Johns Hopkins University, Baltimore 48
 Secretary-Treasurer H. H. Lloyd, Goucher College, Baltimore 48

THE CHESAPEAKE CHEMIST is published each month from September through May by the Maryland Section, American Chemical Society.
 Editor: Belle Otto, Goucher College, Baltimore 48, Maryland.

ON BEING AN ACTIVE MEMBER OF THE ACS

The ACS is a large organization (62,000 members) and it performs many functions for many groups. So large an association can remain strong only if its many members are functioning parts of the Society. The ACS can have only one President at a time, and it is an office to which few aspire, but there are privileges and responsibilities for every member, different from those of the President but no less important. A few moments' consideration will recall many of them, and as a reminder some are listed below.

New members The quality of the Society is determined by the quality of its members. If you know of chemists who should be members of the ACS, urge them to join, and tell your Membership Chairman or your officers about them. The Maryland Chairman, Raymond L. Costa, bespoken your cooperation in this matter in the letter sent every member in October. The ACS needs good members. And the Maryland Section wants them to join through regular channels - for then our Section receives a commission (see the Treasurer's Report on page 3). The Society has two grades of members, Senior and Junior Grades. The distinction between the two is based upon training and experience, and every "bona fide" chemist is eligible for membership. Strengthen your Society by strengthening its membership rolls.

Nominations Nominating Committees for Society and Section offices and awards are always anxious to receive suggestions. Send your ideas to the chairmen of these committees, or channel them through your local officers. This is the privilege of every member. Whom would you like to hear as the Remsen Award Lecturer next May? Tell Dr. R. D. Fowler of The Johns Hopkins University, Chairman of the Committee, or tell any of your local officers. Who should receive the Priestley Medal, the Alpha Chi Sigma Award, the awards in petroleum chemistry, milk chemistry and all the others? Who would make a good president, a good director, a good Section chairman? These nominations must be made every year, and if you are too late for 1950 you will be well on time for 1951.

Ideas If you have any ideas about the activities of your local Section or the National Society, tell Alden Emery or tell your local officers or tell the Editor - but tell somebody who can do something about it. Good ideas are received all too seldom, and yours will be welcomed and carefully considered. You can begin at home. Where would you like to go on our next plant trip? Who would make a good speaker for the April meeting? What would you like to read in "The Chesapeake Chemist"?

REPORT OF THE TREASURER
 Maryland Section, American Chemical Society
 December 1, 1948 to December 1, 1949

Cash on hand, December 1, 1949		\$ 533.71
Receipts:		
Apportionment of A. C. S. funds	\$ 1,275.50	
Commissions for new members	33.75	
Maryland Section dues for 1949	348.00	
Contributions during 1949 to		
- Remsen Memorial Lectureship	301.00	
Interest on U. S. Govt. bonds	17.50	
	\$ 1,975.75	4,975.75
		\$ 2,509.46
Expenditures:		
Speakers' expenses, excluding the		
Remsen Memorial Lecture	159.92	
Expenses of the Remsen Memorial		
Lecture meeting	662.24	
Printing "The Chesapeake Chemist"		
(nine issues)	477.36	
Postage, stationery, telephone	280.41	
Secretarial and janitor services	161.50	
Refreshments after meetings	62.05	
Miscellaneous	44.30	
	\$ 1,847.48	1,847.48
Cash balance on hand, December 1, 1949		\$ 661.98
United States Government bonds		700.00
Total resources (cash and bonds)		\$ 1,361.98

All financial obligations of the Maryland Section for the year have been met, insofar as the Treasurer is aware.

Of a total membership of more than 700, 348 paid Section dues (\$1.00) and 301 made contributions (\$1.00) to the Remsen Lectureship in 1949. This is a decided improvement over 1948 and is largely responsible for the marked increase in receipts in 1949.

Expenditures increased in 1949, mainly because of the travel expenses of the Remsen Lecturer. A boost in the postal rates to two cents has raised the cost of mailing "The Chesapeake Chemist," but this has been offset by savings resulting from change in the type of envelope used. Other Section expenditures have been approximately the same as in 1948.

If members of the Section continue their recent improvement in paying Section dues and contributing to the Remsen Lectureship, the Program Chairman and the Executive Committee will be able to plan more effectively for section activities in 1950.

Respectfully submitted,

H. H. Lloyd, Treasurer



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.

Carl E. Barnes

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 400 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