

History II

APRIL 1954

# THE CHESAPEAKE CHEMIST

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MARYLAND SECTION  
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## THE APRIL MEETING

The next meeting of the Maryland Section will be on Friday, April 30 in Remsen Hall on the Homewood Campus of the Johns Hopkins University. The address will be given by Dr. Lincoln T. Work, consulting chemical engineer, and president (1952-54) of the American Institute of Chemists. His subject will be "Fine Particles—Their Creation and Measurement." In keeping with the occasion, the Baltimore Chapter of the American Institute of Chemists will be guests of the Section for this meeting.

Dr. Work's talk should be of unusually broad appeal, since the production of fine-sized materials, and the measurement and control of these sizes, constitute problems encountered frequently in many fields of pure and applied chemistry. Such varied items as reaction rates in certain heterogeneous systems, the proper sintering characteristics of fluorescent phosphors, and the efficiency of chemotherapeutic sols are actual examples of the importance of the objective handling of fine particle phenomena.

The speaker is a native of Hartford, Connecticut, and received all of his higher education at Columbia University, where he was a member of the chemical engineering faculty for eleven years following the completion of his graduate study in 1929. From 1940 to 1949, Dr. Work was Director of Research and Development for the Metal and Thermit Corporation. He was especially concerned with powdered metals, which have been one of his continuing interests. During 1949 he was a member of the staff of the Powdered Materials Research Laboratories. After this, he returned full-time to consulting work, which had been a part-time activity during the period 1924-1940. His office is at 420 Lexington Avenue, New York City. During World War II, Dr. Work's association with the Office of Scientific Research and Development made him a frequent visitor to the Army Chemical Center.

Dr. Work is an active member of at least nine professional societies, and has held many divisional and committee posts under the American Chemical Society. He is currently on the advisory boards of Industrial and Engineering Chemistry and (to page 19

## Section Officers

Chairman	William H. Summerson, Chemical Corps, Army Chemical Center, Maryland
Vice-Chairman	Belle Otto, Goucher College, Baltimore 4
Secretary	J. E. Ahlberg, 3709 Kimble Road, Baltimore 18
Treasurer	E. A. Metcalf, 907 Litchfield Road, Baltimore 12

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## THE REMSEN LECTURER

The Remsen Memorial Lecture Committee, listed in the February issue, has announced its choice for the 1954 speaker and recipient of the award. The candidate has accepted. He is Dr. Vincent DuVigneaud, Professor of Biochemistry and Chairman of the Department, Cornell Medical School, New York City.

Full information about the Remsen Meeting will be given in the May issue. The date is Friday, May 21.

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The following Maryland Section councillors attended the recent national meeting in Kansas City: Giles B. Cooke, who is a member of the Council Standing Committee on Membership Affairs; Winslow H. Hartford, and Amos Horney.

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The following conclude the current list of recent new members of the Maryland Section: SPRINGMAN, Donald O., Baltimore; STEINBERG, George M., Edgewood; STONE, Alan, Army Chem. C.; STONER, Ellen S., Baltimore; SUDDUTH, Herschel C., Washington (by request); TOPPER, Leonard, Baltimore; TREBLER, Henning A., Baltimore; TWEIT, Robert C., Edgewood; VARANELLI, Andrew D., Frederick; VOSSEN, Joseph P., Fort Meade; WAGLEY, Mary P., Baltimore; WAGNER, Robert M., Annapolis; WEST, Allan R., New York City (by request; no Baltimore address); WILSON, Robert A., Towson; WITTERS, Robert D., Army Chem. C.; WOODFIN, William C., Baltimore; YELLOTT, Kinach N., Jr., Timonium; ZAEHRINGER, Alfred J., Elkton.

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The following are among recent accessions to the Enoch Pratt Library, Industry and Science Department:

- Bikerman, J. J., Foams: Theory and Industrial Applications. 1953.  
Brimley, R. C., and Barrett, F. C., Practical Chromatography. 1953.  
Brown, G. I., A Simple Guide to Modern Valence Theory. 1953.  
Catton, N. L., The Neoprenes. 1953.  
Honig, Pieter (ed.), Principles of Sugar Technology. 1953.  
Schefflan, Leopold, and Jacobs, M. B., The Handbook of Solvents. 1953.

from page 17) The April Meeting

Chemical and Engineering News. His long study of fine particles has given him a great interest in cement, pigments, paints, abrasives, refractories, dusts, and grinding. As a family note, it may be added that his brother, Dr. Harold K. Work, is also a chemical engineer; at present, he is Director of the Research Division of the College of Engineering of New York University.

DINNER RESERVATIONS should be placed by Tuesday, April 27 with Dr. Belle Otto, Goucher College, Baltimore 4, telephone VALLEY 5-3305, and are preferably paid for in advance (\$2.25).

## TECHNICAL MEETINGS FEATURED

Electrochemical Society, Chicago, May 2-6.

American Institute of Chemists, 31st annual meeting, Asbury Park, New Jersey, May 12-14.

American Institute of Chemical Engineers, Springfield, Mass., May 16-19.

from page 20) Historical Notes

In February, 1915, a talk on "The Solvate Theory of Solution" was given by Professor Harry C. Jones. At the sixth meeting, in March, in addition to a paper on blood reactions, there was another paper on the Baltimore water supply, given by Sheppard T. Powell, still a consulting chemical engineer in Baltimore. This was evidently a lively topic at the time, for two papers had been delivered on it only four months earlier.

The April session was almost a "meeting-in-miniature;" four papers were given. The subjects were, in brief, cotton seed meal as human food, analysis for nitrates in drinking water and sewage, means for regulating the temperature of optical instruments, and the adulteration of ground coffee. In reviewing the meeting records of this period, one is struck by the relatively large number of papers on analysis and other laboratory procedures; many of these represent, at least in part, direct contributions by the various speakers...At this meeting, the Baltimore County water supply came to the fore, by way of an invitation to the Section to make an inspection tour of the system.

There was no May meeting in 1915. At the November meeting, the following officers and members of the Executive Committee were nominated and elected: C. P. Van Grundy, Chairman; E. E. Reid, Vice-Chairman; F. M. Boyles, Secretary-Treasurer; S. T. Powell, W. W. Randall. The address was a historical review of the distillation of essential oils. A motion was passed and referred to the Executive Committee for final action, to hold a joint meeting with the American Institute of Chemical Engineers in January, 1916.  
(to be continued in an early issue)

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DUES AND REMSEN LECTURE CONTRIBUTIONS--Note the second reminder, inclosed with this issue!





Lincoln T. Work

NEXT MEETING April 30 TIME 8:30 P. M.  
PLACE Remsen Hall, Johns Hopkins  
Charles & 34th Streets  
SPEAKER Dr. Lincoln T. Work  
SUBJECT Fine Particles, Their Creation  
and Measurement  
DINNER 6:30, The Johns Hopkins Club  
Charles & 34th Streets  
RESERVATIONS See page 49, this issue

SAVE Friday, May 24 for a notable meeting--the annual Remsen Memorial Lecture and Award.

## HISTORICAL NOTES ON THE MARYLAND SECTION

## II. The Period 1914-1915

The first meeting of the newly chartered Maryland Section, held on October 10, 1914, inaugurated an extended period of smooth and orderly functioning of the group. The only complication arising from the change to an independent status during the calendar year was a financial one. The Washington Section had spent or at least ear-marked all its money for the rest of the year, and was not able to assist the Maryland group in meeting certain expenses due before the beginning of 1915. Dr. Parsons eventually resolved the situation, by presenting it frankly to the Board of Directors, and obtaining authorization to send the Maryland Section the money required.

The second meeting of the new Section was held at Hopkins Hall on November 14, 1914. It is a surprise to us now that during this early period the meetings were held on Saturday nights! The change to Friday as a regular meeting night was made at the beginning of 1918. To return to the meeting, Dr. Frazer reported that he had solved the social hour problem (see Part I, February issue) by persuading the Johns Hopkins Club to allow the Section to hold smokers there four or five times a year....Two papers dealing with the treatment of the Baltimore water supply were presented, by Dr. William Royal Stokes, and J. Bosley Thomas; the latter is now at the Davison Chemical Corporation. The attendance was 45, a rather high figure for the time.

At the third meeting, in December, Dr. Remsen addressed the group for the first time on a technical subject, presenting some "Reminiscences of Liebig and Wohler," both of whom he had known personally in his youth.

At the fourth meeting, early in 1915, there was a discussion of the manner of selecting councillors. The local constitution then in effect included councillors as members of the Executive Committee, but did not specify whether they were to be elected or appointed. The decision was to refer the matter to the Executive Committee, and to confer on this group the power to appoint councillors if it chose to do so....An interesting technical item of this meeting was a disapproval of a recommendation of the Pharmaceutical Revision Committee to abolish the term cubic centimeter, and to substitute milliliter in all cases. (to page 49

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