

secretary of the Philadelphia Association of Retail Druggists, will be given. He will describe the progress of the college during the last twenty years.

There will be a "Jubilee Dinner" in the evening at which the toastmaster will be Colonel Samuel Price Wetherill, chairman of the Board of Trustees. A group of addresses will follow, also bearing upon the record of the past twenty years. Two decades ago, at its centennial, an extensive program of educational advancement was prepared. That program has advanced even more favorably than was expected. Now, completely equipped new buildings stand in pleasant surroundings as the visible tribute to its success. In addition, the courses of study have been materially expanded and lengthened. Graduate studies and programs of research have been instituted and there are now fifty members of the faculty.

Much of this record will be outlined by the president-emeritus, Dr. Wilmer Krusen, who for fourteen years served as head of the college and who is well known for his former service as head of the Department of Public Health of the City of Philadelphia. Dr. Ambrose Hunsberger, professional pharmacist of the city, will speak for the Board of Trustees, followed by the dean of science, Dr. J. W. Sturmer, formerly president of the American Association of Colleges of Pharmacy. The cooperation of alumni and friends during the past decades will be recognized by Mr. Pickett, for the alumni, and by Dr. Wilmer Krusen.

Dr. E. Fullerton Cook, head of the Operative Pharmacy Department of the college and active on the Board of Trustees, who is chairman of the Committee of Revision of the Pharmacopoeia of the United States, will describe the improved financial condition of the college. Gifts of more than \$1,000,000 have been received through the past two decades.

#### THE NINTH SUMMER CONFERENCE ON SPECTROSCOPY AND ITS APPLICATIONS

A NINTH Summer Conference on Spectroscopy and Its Applications will be held at the Massachusetts Institute of Technology on July 21, 22 and 23. Morning and afternoon sessions will be held during three days, with discussions by qualified experts on spectroscopic analysis of materials and on other applications of spectroscopy to biology, medicine, chemistry, metallurgy, mineralogy and to industrial and engineering problems.

This conference will repeat to a considerable extent the type of program presented at the conferences held during the past eight summers. The early sessions will be devoted principally to applications of spectroscopy to the analysis of materials. Other topics to

be considered are absorption spectrophotometry, photographic photometry, biological and chemical effects of spectral radiation, industrial applications of spectroscopy, analysis of spectra and the measurement of wavelengths. The more technical and theoretical papers will be reserved for the later sessions.

As soon as it has been prepared, copies of the detailed program of the conference will be sent to any one interested. Attendance at the conference will be limited to two hundred, and experience in previous years indicates that those who plan to attend from a distance should signify their intention in advance, to insure availability of space. No fees are charged for attendance.

Requests for copies of the program, for reservations, or for further information, should be addressed to Professor G. R. Harrison, Massachusetts Institute of Technology, Cambridge, Mass.

#### CONFERENCE ON MOLECULAR STRUCTURE

THE Graduate School of the Ohio State University will hold a conference on Molecular Structure in the first week of the summer quarter, from June 25 to June 28.

A member of the staff will review a topic and, after time for discussion, invited speakers will read papers on recent research along that line. An abbreviated program follows:

Wednesday, June 25. "The Electronic Structure of Molecules": A.M.—Professor L. H. Thomas, the Ohio State University (review); P.M.—Professor G. Herzberg, the University of Saskatchewan, and Professor Robert Mulliken, the University of Chicago; Evening—A discussion on nomenclature.

Thursday, June 26. "Rotation-Vibration Spectra": A.M.—Professor H. H. Nielsen, the Ohio State University (review); P.M.—Professor D. Dennison, the University of Michigan, and Professor G. Herzberg, the University of Saskatchewan.

Friday, June 27. "Thermodynamic Properties of Molecules": A.M.—Professor H. L. Johnston, the Ohio State University (review); P.M.—Professor E. Bright Wilson, Harvard University, and Professor L. H. Thomas, the Ohio State University.

Saturday, June 28. "Large Molecules": A.M.—Dr. E. Mack, Battelle Memorial Institute (review), and Professor Henry Eyring, Princeton University.

The conference will be open without fee to any who wish to attend it and any one who desires to do so is invited to take part in the discussions. Accommodation is available for men in Baker Hall, University Dormitory, at \$1.00 per night. Further information may be obtained from Professor L. H. Thomas, the Ohio State University, Columbus, Ohio.