

ANNUAL REPORT OF THE CHEMISTRY DEPARTMENT

1940-1941

Staff.

Dr. H. A. Laitinen replaced Dr. M. J. Copley as instructor in inorganic chemistry. No other changes in the senior staff occurred. At the end of this academic year Drs. B. S. Hopkins and Rosalie M. Parr will retire. Instructors Drs. A. S. Roe, C. R. Eddy, W. A. Taebel, and W. S. Emerson are leaving to take positions elsewhere.

Teaching.

Only minor changes have been made in course offerings. The undergraduate teaching has been up to the standard of past years. An unusual demand for Illinois chemists and chemical engineers has resulted and except for those few who fall in the category of physically disable, very poor personality, or race, all have been placed.

Defense Program

Drs. C. S. Marvel, H. F. Johnstone, G. L. Clark, G. F. Smith, A. M. Buswell, W. H. Rodebush, E. W. Comings and Roger Adams have accepted Government contracts through the National Defense Research Committee to carry on investigations involving first-line Defense problems for the military service. About fifteen full-time assistants have been employed to carry on the laboratory work. The supervisors are donating their time but over \$50,000 has been

granted by the Government for the salaries of assistants and for the purchase of chemicals and equipment. Very creditable results have already been accomplished and these are so recognized by the authorities in Washington.

Scientific Research.

The publications from the Chemistry Department for the calendar year 1940 were 129 in number. This figure corresponds approximately to that of previous years. New books and revised editions of old books have been published.

Several of the senior staff men are continuing to serve as associate editors on many of the leading scientific journals in the various branches of chemistry. Approximately seventy Ph.D.'s will be granted by the Chemistry Department during the calendar year 1941. This is an unusual number and is due to the fact that three to four years ago a large ⁱⁿ reflux of graduate students occurred. Directly thereafter restrictions were established which reduced the number from about 285 to around 200. The large majority of these doctorate candidates have already accepted positions and it is expected that all will be placed before fall.

Fellowships.

The Chemistry Department has had this year fellowships granted by the following organizations: Rohm and Haas, Dow, Eastman Kodak, du Pont, Abbott Laboratories, Monsanto, Solvay Process, Eli Lilly, G. F. Smith Chemical, Aeration Processes, New York Community Trust.

Drs. W. H. Rodebush and A. M. Buswell have a substantial grant from the Rockefeller Foundation for work on infrared spectra. Dr. W. C. Rose, from the same source, has funds for the amino acid studies.