

ANNUAL REPORT OF THE CHEMISTRY DEPARTMENT  
1941-1942

Staff.

Dr. H. M. State, Assistant Professor of inorganic chemistry, replaced Dr. B. S. Hopkins for this academic year. Dr. Hopkins, however, was retained to teach the course in Science in the general curriculum. Dr. R. L. Frank was hired in place of Dr. W. S. Emerson, Dr. G. S. Durham in place of Dr. Rosalie Parr, Dr. Stanley Wawzonek in place of Dr. W. A. Taebel, and Dr. P. E. Rouse in place of Dr. C. R. Eddy.

Teaching.

No significant changes have been made in course offerings. We have been fortunate in finding capable teachers to replace those who left last year. The demand for chemists and chemical engineers with the B.S., M.S., and Ph.D. degrees has been greater than ever and most of those graduating this June have already been placed.

Defense Program.

The Defense program has been expanded somewhat so that the University and the N.D.R.C. now have contracts directed by the following official investigators: C.S. Marvel, R.C. Fuson, H.F. Johnstone, G.L. Clark, G.F. Smith, J.C. Bailar, L.F. Audrieth, A.M. Buswell, W.H. Rodebush, and E.W. Comings. When Dr. Roger Adams was made a member of the N.D.R.C., he dropped his position as official investigator and is devoting his time entirely to the management and direction of the Chemistry and

Chemical Engineering Division (Division B) of the N.D.R.C. About thirty full-time assistants are employed at Illinois and the funds expended on Government work in the Chemistry Department at Illinois now totals over \$175,000. Dr. Marvel is Chairman of Section B-3 and Dr. Rodebush of Section B-6 of Division B of the N.D.R.C.

#### Scientific Research.

The publications from the Chemistry Department for the calendar year 1941 were 125 in number. This figure is essentially the same as last year and represents much effort on the part of the staff in view of the time devoted to the Defense program.

A book entitled "A Brief Course in Organic Chemistry", published by John Wiley and Sons, has appeared under the authorship of Drs. R. C. Fuson, Ralph Connor, Charles C. Price and Harold R. Snyder. Other books by chemistry staff members are in the process of preparation and several are being revised.

#### Fellowships.

The Chemistry Department has had this year Fellowships granted by the following organizations: Continental Oil Company, National Lime Association, General Foods Company, Rockefeller Foundation, Rohm and Haas, A.E. Staley Manufacturing Company, Grasselli Chemical Company, du Pont, New York Community Trust, Eli Lilly, Monsanto, Eastman Kodak, Abbott Laboratories, and Solvay Process.

The problems that exist in the Chemistry Department today are primarily those related to the number of students to be expected in the future and the retention of our staff.