



Wm A. Noyes.

540.6
IL
v.1

UNIVERSITY OF ILLINOIS LIBRARY

JUL 8 - 1915 UNIVERSITY OF ILLINOIS LIBRARY-CHEMISTRY

The Illinois Chemist

A Quarterly Published in the Interests of the Faculty, Alumni and Students of the Department of Chemistry of the University of Illinois, Under the Auspices of the University of Illinois Section of the American Chemical Society, the Chemical Club, Alpha Chapter of Phi Lambda Upsilon and Zeta Chapter of Alpha Chi Sigma.

UNIVERSITY OF ILLINOIS—CHAMPAIGN—URBANA

INTRODUCTORY NUMBER

SUBSCRIPTION PRICE, SEVENTY-FIVE CENTS

STAFF

Editor in Chief	H. D. Valentine
Business Manager	V. W. Haag
D. F. MacFarland, Ph.D.	A. H. Huiskens
G. D. Beal, Ph. D.	R. W. Millar
B. S. Hopkins, Ph.D.	C. A. Zelle
E. A. Rees	A. W. Landstrom
W. W. Ziemann	F. C. Hahn

EDITORIALS

The *ILLINOIS CHEMIST* sends greetings. The new building which we see nearing completion before us marks the advent of a new epoch in chemical education at the University of Illinois. It will mark a brand new and elaborate reorganization, requiring the highest efficiency for perfect control. *THE ILLINOIS CHEMIST* has been founded to act as a single cog in this great gear of efficiency. Its purposes are obvious; to acquaint the students with the faculty and the organization of the department; to institute a permanent journal, recording the various activities throughout the many branches of the department; to be the connecting link between the alumnus in chemistry and his alma mater; finally it is hoped that it will represent a chronical of progress.

It is not to be supposed that this Introductory Number will fulfill all of its purposes; on the contrary the editor realizes its many shortcomings, its faults and its irregularities. However, as the Germans say, "every be-

379673

11131

176724

square feet in the completed building. The cost of the addition will also be more than twice the cost of the original building and a considerable additional appropriation will be required to furnish suitable equipment. When finished the laboratory will be one of the largest and best equipped laboratories in the world.

A few words as to the division of space in the new building: the south end of the basement of both parts will be given over to applied chemistry, the State Water Survey and two constant temperature rooms, for physical chemistry, will occupy the north end. The first floor of the new portion will house applied chemistry and technology in the south half, and physical chemistry in the north portion. A museum, a lecture room and a seminar room for these divisions, as well as the Chemical Club room, will be on this floor. Organic research, the offices of the department, and a continuation of applied and physical chemistry departments will be in the old portion. On the second floor organic and analytical chemistry will be extended from their present allotments and the main chemical library will occupy a central position in the new portion. The north end of the third floor will be devoted temporarily to bacteriology while the south half will be an extension of the present freshman laboratories. Centrally between will be a series of small laboratories for inorganic research. The north half of the fourth, or fifth if you call the basement number one, will constitute another freshman laboratory. The south half will be devoted exclusively to physiological chemistry.

The Chemistry Library

*Miss Marion Sparks, 1895; Librarian of the
Department of Chemistry*

In the old laboratory, now the law building, some books were shelved in one of the balance rooms. When the present building was opened for use in 1903, some books and periodicals most often used were transferred to the present library room, and the next year a card catalogue of the books at chemistry was prepared. Doctor

Palmer's library, given to the department by Mrs. Palmer, was included in this catalogue and arranged in a specially designed case in the room of the Chemical Club. The library has grown slowly but steadily, new temporary cases being added, till the Club room is now part of the library, except for its use as a class room ten hours a week because of lack of space.

No statistics are available before December, 1913. There were then 5605 volumes in the library and 106 periodicals were being received. On January 2, 1915, there were 6391 volumes and the periodicals numbered 118. This list of periodicals, with those on agricultural chemistry and allied topics in biology, makes a total of about 150 serials containing distinctly chemical literature, on the campus. There are complete set of the more important journals and publications of societies, in English, French, German, Italian, Dutch and Swedish, upon theoretical and applied chemistry. The card catalogue at present includes, under author and subject, all chemical literature on the campus, with special author and shelf lists of the books and journals actually in the chemistry library.

The value of any library is evidenced by the use made of it. Volumes of journals have been lent during the current year through the University's inter-library loan system, to a number of other universities and public libraries with some to individual alumni directly. To extend this service the librarian will look or have looked up, references desired for research or other chemical work, and past work of alumni. This work will be done promptly; it will however be necessary, if long articles are to be copied, to arrange for payment for typing them. Address inquiries to: Librarian, Chemical Laboratory, University of Illinois, Urbana, Illinois.

Miss Juanita Darrah, B.S., 1913, M.S., 1915, has been appointed assistant in Teachers' College of Columbia University.