

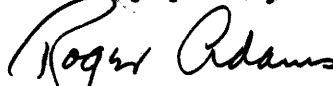
June 5, 1946

Dean M. T. McClure
203 Lincoln Hall

Dear Dean McClure:

Enclosed herewith I am sending you a
brief report on the activities of the Chemistry
Department during 1945-1946.

Sincerely yours,



Roger Adams
Head - Chemistry Department

RA/bw

Enclosure

Enrollment

A comparison of the enrollment in chemistry for 1944-45 and 1945-46 is given in the accompanying table.

	<u>1944-45</u>		<u>1945-46</u>	
	I Sem.	II Sem.	I Sem.	II Sem.
Total registration in chemistry courses	1669	1430	2244	3430
Freshmen	847	654	1340	2024
Graduate students	87	87	113	163
Students in chemistry curriculum	100	78	105	126
Students in chemical engineering curriculum	100	69	108	161
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Total enrollment in courses, 1944-45,	3099			
	1945-46, 5674			

It is seen from these data that registration has increased 85% over last year due primarily to the return of veterans. By next fall it would not be surprising if, at least, another 1000 were enrolled in chemistry courses.

Staff

Professor D. B. Keyes, Drs. A. G. Deem and Clay Lewis of the Division of Chemical Engineering have resigned. Dr. H. F. Johnstone will now assume the responsibility for the division formerly held by Dr. Keyes. Two new men will be appointed to fill the other vacancies.

Dr. C. R. Keizer and Dr. D. G. Nicholson of the inorganic division have accepted positions elsewhere. Dr. L. K. Nash was added to the staff in analytical chemistry.

Drs. L. F. Audrieth and T. E. Phipps have completed their government assignments and are again on full-time duty at the University. Dr. N. J. Leonard, on leave for the first semester, has returned. The undersigned resumed his former position as head of the department early in March, after the termination of his four months as Scientific Advisor to the Deputy Military Governor in Germany.

Certain honors have come to staff members during the past year. Dr. G. L. Clark has been invited to attend an international meeting on X-rays as one of four American delegates. It is under the auspices of the Institute of Physics of the Royal Institution of London. Dr. Clark also received the Edward Orton, Jr., medal award of the American Ceramic Society, Buffalo, New York, for "pioneer work in the world on application of X-rays to ceramic materials and ceramic industry." Dr. W. C. Rose has been selected by the British as one of three American delegates to an international meeting on nutritional problems. Both meetings are to be in England this summer. Dr. R. C. Fuson has been awarded an honorary Sc.D. from Montana State College, his alma mater.

The undersigned received the Davy Medal of the Royal Society of London and the T. W. Richards Medal for his contributions in the field of organic chemistry. He delivered the first Remsen memorial lecture at Johns Hopkins University.

Scientific Research and Publications

All the war programs, except that under Dr. Marvel, were terminated this June.

During the calendar year 1945, sixty-seven scientific papers were published by the chemistry faculty as compared with seventy-eight in 1944 and sixty in 1942. Considering the existing conditions, this is a very creditable record.

The following fellowships and research assistantships were established in the department during 1945-46 by industrial concerns and other agencies.

Fellowships

- 2 Allied Chemical and Dye
- 1 Eastman Kodak Company
- 1 Standard Oil (Indiana)
- 1 Eli Lilly Company

Research Assistantships

Upjohn Company	3 postdoctorate 4 postgraduate
Nutrition Foundation	1 postdoctorate 1 postgraduate
Abbott Laboratories	1 postgraduate
duPont Company	1 postgraduate
Rockefeller Foundation	1 postdoctorate 1 postgraduate
American Lava Corporation	1 postdoctorate
Blockson Chemical Company	1 postgraduate
General Aniline and Film Corporation	1 postgraduate
W. S. Merrell Company	1 postdoctorate
Rohm and Haas Company	1 postgraduate
Continental Oil Company	1 postgraduate
Ohio Oil Company	1 postgraduate
American Meat Institute	1 postgraduate

The department is particularly indebted to Dr. W. C. Rose for his capable leadership during three of the most trying years of its existence.

Roger Adams