

water communication with the Lake of Geneva is impracticable. A Paris company has made proposals to the French Government for the construction of a barrage across the Rhone below Bellegarde, forming above stream a reach of 14 miles to the lake, and downstream a waterfall which it is estimated would yield 100,000 horsepower for transmission to Paris. The company further offers to construct the necessary facilities to enable vessels to pass through the dam. In this way navigation would be opened direct with Geneva. Associated with this project is one for the construction of a canal from Lyons to Arles. This canal would be 170 miles long, and would cost about \$120,000,000, and it is understood that the municipality of Marseilles is considering the advisability of connecting this canal with that town by another canal to cost \$16,000,000. If this scheme were put into execution Lyons, Marseilles and the Rhine would be placed in direct communication by means of the Rhone-Rhine Canal.

UNIVERSITY AND EDUCATIONAL NEWS

By the will of the late Grace M. Kuhn, widow of Hartman Kuhn, of Philadelphia, recently filed for probate in the Berkshire courts, Harvard University receives \$175,000 to endow a department of biological chemistry in the memory of a son, Hartman Kuhn, who died several years ago.

THE general council of Louisville has passed an ordinance which has been signed by the mayor, appropriating \$25,000 from the general purpose fund for 1908, for the use of the Medical Department of the University of Louisville. The money is to be expended for laboratory equipment for the consolidated medical schools.

MR. JACOB SASSOON has given about \$330,000 to establish a central college of science in Bombay.

DR. HENRY JULIAN HUNTER has left \$70,000 to Sheffield University.

STATISTICS just compiled at the University of Wisconsin show that 417 graduates and former students have this year received appointments to the faculties of universities,

colleges, normal schools, academies and high schools, or as superintendents of schools in 29 states and 7 foreign countries. Of the total number, 116 received appointments to the faculties of colleges and universities; 250 were appointed high school principals or teachers and superintendents of schools; 14 were appointed as instructors in normal schools; and 7 were appointed to college and normal schools in Alaska, Porto Rico, Philippines, Japan, Argentine Republic and Canada. Among the colleges and universities to the faculties of which university graduates were appointed this year are: Cornell, the University of Pennsylvania, University of Chicago, Amherst, Dartmouth, Stanford University, the University of California, Northwestern University, the state universities of Michigan, Georgia, Nebraska, Utah, Illinois, Idaho, Indiana, South Carolina, Oregon, Iowa, Kentucky, Minnesota, Kansas, Washington, Tennessee and Missouri, and the state agricultural colleges of Massachusetts, Georgia, Kansas, Oregon, Minnesota, Michigan, Missouri and Iowa.

It is understood that Dr. James R. Angell, professor of psychology in the University of Chicago, has declined the presidency of Dartmouth College.

HENRY ASBURY CHRISTIAN, A.B. (Randolph-Macon '95), M.D. (Johns Hopkins '00), Hersey professor of the theory and practise of physic at Harvard University, has been appointed dean of the medical school.

PROFESSOR FRANCIS E. LLOYD will fill the chair of botany in the Alabama Polytechnic Institute after November first. During the past year he has been engaged with the Continental Mexican Rubber Company in the investigation of possible methods for the growth of the Mexican desert rubber plant, *Parthenium argentatum* A. Gray, under conditions of cultivation.

At Cornell College, Iowa, Mr. Layton Gouldin has been appointed assistant in chemistry, C. W. Lounsberry in engineering, and E. K. Mapes, in physics.

At Bryn Mawr College Mr. Chester A. Reeds who, until recently, has held a position

in the department of geology at Cincinnati University, has been appointed lecturer in geology to succeed Dr. D. W. Ohern.

At Harvard University, Paul Hayhurst, A.B., has been appointed instructor in economic entomology.

THE following appointments have been made in the College of Applied Science, the State University of Iowa: Mr. Sherman Melville Woodward, M.S., Washington University, 1893, M.A., Harvard, 1896, joint author with Mr. Charles E. Lucke of "Tests of Internal-Combustion Engines on Alcohol Fuel," and in collaboration with Mr. John Preston, translator of E. Sorrel's "Carbureting and Combustion in Alcohol Engines," has been made professor of hydraulics and engineering materials, and acting head of the department of mechanical engineering. Professor Woodward at the time of his appointment was supervising engineer in the United States Department of Agriculture. Mr. Arthur Warren Hixson, A.B. (Kansas, 1907), has been appointed instructor in mining and metallurgy, in charge of the department of mining; Mr. John E. Boynton, B.S., M.E. (Wisconsin, 1905), instructor in steam engineering; Mr. John Hoffman Dunlap, A.B. (Dartmouth, 1905), C.E. (Thayer School of Civil Engineering, 1908), instructor in descriptive geometry and drawing; Mr. Wallace Woodman Smith, B.S., C.E. (Pennsylvania State College, 1908), instructor in descriptive geometry and drawing; Mr. George John Keller, instructor in shopwork.

AUSTIN teaching fellows at Harvard University have been appointed as follows: Ralph Ernest Chase, A.M., history; John Detlefsen, A.B., zoology; Warren MacPherson, S.B., A.M., comparative pathology; Frank Linden Richardson, M.D., surgery. Newly-appointed assistants include: Edward Allen Boyden, zoology; Eugene James Cardarelli, chemistry; Edward James Curran, M.D., anatomy; Richard Dexter, A.B., M.D., clinical medicine; Gustavus John Esselen, Jr., Augustus Henry Fisk, A.M., Gorham Waller Harris, A.B., and William Hammett Hunter, A.M., chemistry.

DISCUSSION AND CORRESPONDENCE

THE PROCEEDINGS OF THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS

TO THE EDITOR OF SCIENCE: The *Proceedings* of the Association of Official Agricultural Chemists for 1907 have just been published as bulletin No. 116 of the Bureau of Chemistry, U. S. Department of Agriculture. By order of the printing committee of the department, the portion of the *Proceedings* referring to the report of the committee on the president's address, 1906, has been omitted in the bulletin, as was also the president's address itself in the printed *Proceedings* for the preceding year (bulletin No. 105, Bureau of Chemistry, U. S. Department of Agriculture).

It may be stated in explanation of these omissions that the president's address delivered at the annual convention of the association, October, 1906, among other matters, discussed recent publications of the Bureau of Soils of the U. S. Department of Agriculture and took decided issue with views set forth therein. The president's address having been published elsewhere (see below), it would seem only right that members of the association and men of science in general, who are interested in the questions at issue, or in the larger question of the liberty of free speech, shall be given an opportunity to become acquainted with the report of the committee; on behalf of the committee, I would ask, therefore, that the enclosed portion of the proceedings of the association referring to the report, as prepared by the secretary of the association, be printed in SCIENCE.

F. W. WOLL

UNIVERSITY OF WISCONSIN,
MADISON, WIS.

In the absence of Chairman Woll, Mr. Van Slyke presented the report in behalf of the committee on the president's address:

REPORT OF THE COMMITTEE ON PRESIDENT'S ADDRESS (1906)

By resolution of this association at its last convention it became the duty of your committee, "after consultation with the Secretary of Agri-