

THE department of geology of Northwestern University will conduct a geological field course in the Lake Superior Region during August. It will be devoted largely to a study of the Pre-Cambrian rocks with some attention to the Pleistocene history. It is expected that a day or two will be spent at the head of Lake Superior where both the intrusive and the extrusive phases of the Keweenawan may be seen, as well as ancient lake beaches, great ore docks, etc.; one day on the Mesabi iron range; and one day on the productive portion of the Vermilion iron range. After this the class will live in camp and will travel by canoe through some of the lakes near the Minnesota-Ontario boundary where there are extensive exposures of various types of metamorphic and igneous rocks. These rocks will be studied and small areas will be mapped in detail.

UNIVERSITY AND EDUCATIONAL NEWS

At the annual spring meeting of the General Education Board \$789,980 was appropriated for institutions and projects to which the organization contributes. The largest appropriation was for the medical department of Washington University at St. Louis, which received \$250,000. This makes \$1,000,000 given by the board to this institution toward a total of \$1,500,000 for the purpose of placing the teaching of medicine, surgery and pediatrics on a full-time basis. Other appropriations were: Coker College, Hartsville, S. C., \$50,000; Colby College, Waterville, Me., \$125,000; Rockford College, Rockford, Ill., \$75,000; further prosecution of educational researches, \$50,000; Spellman Seminary, Atlanta, Ga., \$20,000; Hampton Institute, \$25,000; Tuskegee Institute, \$25,000; Morehouse College, Atlanta, \$5,000; Fisk University, Nashville, \$5,000; Mayesville Industrial School, Mayesville, S. C., \$1,000; equipment of normal schools for negroes in North Carolina, \$4,050; equipment of county training schools for negroes, \$10,000; support of professors of secondary education, \$34,130; state agents for white rural schools, \$40,800; state agents for

negro schools, \$34,500; educational research in New Hampshire, \$5,500; farm demonstration work in Maine and New Hampshire, \$8,500.

PLANS for the union of the Jefferson Medical College with the University of Pennsylvania and the Medico-Chirurgical College and hospital have been completed. The Medico-Chirurgical College is to become a post-graduate school, to be known as the Medico-Chirurgical College and Hospital-Graduate School in Medicine of the University of Pennsylvania. The Jefferson Medical College will be connected with the university, but will maintain its identity.

THE University of Sheffield has received \$160,000 by the will of Sir Edgar Allen, \$25,000 for the applied science department, and the balance to be devoted to providing scholarships, half of them to be reserved for the sons of working men.

FRANK ADAMS has been appointed professor of irrigation investigations in the University of California. He will continue also his work in the irrigation and drainage investigations of the United States Department of Agriculture.

DR. ARTHUR HARMOUNT GRAVES, formerly assistant professor of botany in the Sheffield Scientific School of Yale University and instructor in forest botany in the Yale Forest School, has been appointed associate professor of biology in the new Connecticut College for Women, at New London, Connecticut. Dr. Graves will have charge of the instruction in botany.

DISCUSSION AND CORRESPONDENCE THE SECOND YEAR OF COLLEGE CHEMISTRY

THE selection of courses immediately following general chemistry is a matter of great importance. The traditional method—old-fashioned qualitative analysis and then quantitative analysis—is being questioned.

It has long been recognized that qualitative analysis is not an end in itself—that it is of value rather in teaching advanced inorganic chemistry in a systematic way. In the last few years certain men have interpreted quali-