

have been displayed by our neighbors in the entertainment of guests from this country. The members of the Iron and Steel Institute have on two occasions been entertained by their *confrères* on the other side of the Atlantic. The 200 members or so who went to the United States, the expedition being headed in the first instance by Sir James Kitson and in the second by Mr. Carnegie, found the pleasures spread for their delectation so profuse, and every one possessed with so consuming a desire to afford them entertainment, that they had little leisure for the calm and collected examination of those productive resources in the American iron and steel industry the inspection of which were the ostensible purpose of the journey. The American Society of Engineers are assured of the heartiest welcome in this country. We can not hope to emulate their hospitality on the scale upon which it was extended to the members of the Iron and Steel Institute; for a tour of 12,000 miles within the area of our shores is impossible unless it were conducted in a circular direction. But in spirit we can fairly vie with our American colleagues, and the heartiness of our welcome to them will not be inferior to that given by them to our own countrymen."

UNIVERSITY AND EDUCATIONAL NEWS.

It is announced that Mr. David Rankin, of St. Louis, has decided to give \$2,000,000 to found an industrial and manual training school in St. Louis.

THE college of agriculture of the University of Wisconsin, the attendance of which has increased very greatly during the past two years, is to receive two important additions in the form of an agronomy building and agricultural engineering building. The plans for both structures have just been completed, and the contracts, which are about to be made, provide for their completion before the beginning of the short course in agriculture next winter.

At the commencement exercises of the University of Nevada, May 31, 1906, President Stubbs announced that Mr. Clarence H.

Mackay and his mother, Mrs. John W. Mackay, have together given \$50,000 for the immediate erection of a building for the College of Mines. This building is to house the department of mining and metallurgy and that of geology and mineralogy and has been planned according to the recommendations of the heads of these departments. A recent state appropriation for the metallurgical laboratory has provided the university with a new ore-treating equipment which will be suitable for installing in the new quarters. The building will also contain a geological museum. Furthermore, Mr. F. M. Smith has arranged to provide an income of \$1,000 a year to be used for the support and encouragement of students in the Mining School. This will in general be divided into five annual scholarships of \$200 each to be known as the F. M. Smith scholarships open to deserving students irrespective of citizenship or residence.

THE preliminaries for the establishment of a Hindu University are making progress. Offers of service are coming in from the principals and professors of the leading colleges of India, and the Munshi Madho Lal, who gave \$100,000 to the endowment, has been conferring on the details of the foundation. A deputation will be sent to collect subscriptions throughout India.

Nature states that steps are being taken for the provision of a permanent endowment to place the Balfour library in a secure position. The library owes its origin to the generosity of the family of the late Professor F. M. Balfour, who after his death in 1882 presented his scientific books to Cambridge University for the use of the zoological laboratory. The library so constituted was housed in a room adjacent to the laboratory, and has ever since been freely open to all members of the university and to others qualified to make use of it. The library has been maintained hitherto out of the fees paid by students attending the classes; and the burden which it thus places upon the resources of the laboratory is undesirable. A committee has, therefore, been formed for the purpose of collecting subscrip-

tions, and of establishing a fund to be called the Balfour Library Endowment Fund, with the object of putting the library on a secure and satisfactory basis. The committee at its first meeting agreed that the fund, when established, 'be offered to the university at such time and under such conditions as the subscribers shall hereafter determine, provided that the management be closely connected with the zoological laboratory, and that the library be freely open to students.' Subscriptions may be paid to the Balfour Library Endowment Fund, at Messrs. Barclay's Bank, or to the treasurer, Mr. Adam Sedgwick, Zoological Laboratory, New Museums, Cambridge. The sum already received or promised amounts to about £500.

SIR DONALD CURRIE, through whose gift of upwards of \$500,000 the buildings are being erected, will lay the foundation-stone of the School of Advanced Medical Studies, Nurses' Home and Maternity Students' House, in connection with University College Hospital on June 11.

THE fifty-third commencement of the University of Wisconsin will be held from Sunday, June 17, to Wednesday, June 20. About 450 students will be granted the bachelor's degree on this occasion, 38 the master's degree and 12 the doctor's degree, making a total of over 500 degrees to be conferred, the largest number that has ever been awarded at any commencement.

THE corporation of the Massachusetts Institute of Technology has postponed the election of a president to succeed Dr. Henry S. Pritchett, who will retain the presidency until the autumn.

DR. H. S. JENNINGS, now of the University of Pennsylvania, has been appointed associate professor of physiological zoology at Johns Hopkins University.

By recent action of the executive committee of the board of trustees of Cornell University, the title of Professor R. S. Tarr's chair has been changed from dynamic geology and physical geography to physical geography, and he has been given charge of the newly created

department of physical geography, which has been separated from the department of geology.

COLORADO COLLEGE has established a school of forestry, with Dr. W. C. Sturgis as dean.

THE faculty appointments at the Massachusetts Institute of Technology for 1906-7 are as follows: Associate Professors William O. Crosby, Frederick S. Woods and Harry M. Goodwin appointed professors of geology, mathematics, physics and electrochemistry, respectively. The following assistant professors have been promoted to associate professorships: Augustus H. Gill in technical analysis, Arthur G. Robbins in highway engineering, Frank A. Laws in electrical testing, Charles E. Fuller, William A. Johnston and Charles F. Park in mechanical engineering, Frank P. McKibben in civil engineering. Nathan R. George, Jr., Archer T. Robinson and Charles E. Locke have been promoted from instructorships to assistant professorships in mathematics, English and mining engineering and metallurgy, respectively.

At Dartmouth College, Dr. John H. Gerould has been promoted to an assistant professorship of biology and Dr. John M. Poor to an assistant professorship of astronomy. Mr. Ralph M. Barton has been appointed instructor in mathematics.

At Clark College, Dr. Fred Mutchler has been promoted to an assistant professorship of botany and Dr. Millet T. Thompson to an assistant professorship of zoology.

ASSISTANT PROFESSOR W. J. MORSE, of the botanical department of the University of Vermont, will go on July 1 to the University of Maine, as botanist of the experiment station. Professor Morse's work at Vermont will be divided between two younger men, Mr. H. A. Edson being appointed instructor in botany and Mr. N. J. Giddings botanical assistant in the experiment station.

A. S. EVE has been appointed assistant professor in mathematics in McGill University; Dr. S. B. Leacock, assistant professor of political science and history; and Dr. H. T. Barnes, associate professor of physics.