

the present year for the purpose of taking over Mr. Carnegie's work in connection with educational institutions, libraries and hero funds. The incorporators are Andrew Carnegie, Elihu Root, William N. Frew, Henry S. Pritchett, Robert S. Woodward, Charles L. Taylor, James Bertram and Robert A. Franks. Mr. Root is head of the Carnegie Peace Foundation, Mr. Frew is president of the board of trustees of the Carnegie Institution of Pittsburgh. Mr. Pritchett is president of the Carnegie Foundation. Mr. Woodward is president of the Carnegie Institution at Washington. Mr. Taylor is president of the Carnegie Hero Fund. Mr. Franks is president of the Home Trust Company. Mr. Bertram is Mr. Carnegie's secretary. The objects of the corporation are "receiving and maintaining a fund or funds and applying the income thereof to promote the advancement and diffusion of knowledge and understanding among the people of the United States, by aiding technical schools, institutions of higher learning, libraries, scientific research, hero funds, useful publications and by such other means as shall from time to time be found appropriate therefor." The incorporators have elected officers as follows: Mr. Carnegie, *president*; Senator Root, *vice-president*; Mr. Franks, *treasurer*, and Mr. Bertram, *secretary*.

#### UNIVERSITY AND EDUCATIONAL NEWS

As a result of the action of the Michigan Board of Tax Equalization, it is estimated that the University of Michigan will in the future receive \$208,000 more from the state for its maintenance than heretofore. The total valuation of property in the state has been increased by approximately \$555,000,000, and the three eighths mill tax will yield an annual income for the university of \$858,000, instead of \$650,000 as formerly.

THROUGH the death of Joseph Pulitzer the \$1,000,000 which he had given Columbia University to found a School of Journalism has been automatically released. A meeting of the advisory board named in the agreement between the university and Mr. Pulitzer will be called in a few weeks. It is understood

that if the work of the school during the first three years is regarded as satisfactory by the board, it will receive a further endowment of \$1,000,000.

At the last session of the legislature of the state of Minnesota among other appropriations for the university was one which will net \$5,000 for each of the two years before the next legislature assembles to be voted exclusively to research, not agricultural, since that is cared for otherwise. When the question of the allotment of this sum was to be met, a research committee drawn from the faculty of the graduate school was constituted for the purpose of passing upon the applications for aid in research and recommend to the president and regents what allotments they should make from this fund, as well as drawing up regulations under which the expenditures should be made.

By the will of Miss Phoebe Caroline Swords, of New York City, \$41,000 is bequeathed to St. Luke's Hospital and \$20,000 to Columbia University, of which \$10,000 is for a scholarship at the College of Physicians and Surgeons.

THE plan of a joint committee of trustees and faculty to consider the "larger questions of educational administration" has been adopted by the trustees of Trinity College.

In an article in the issue of SCIENCE for October 27, on "The Number of Students to a Teacher in the State Colleges and Universities," by Professor C. H. Handschin, the figures for the University of Minnesota are given as 26.1. We are requested to state that Minnesota's enrolment for 1910-11 was 6,037, which includes 72 correspondence students. Omitting these, the total is 5,955 students. The total number in the faculty is 455. This includes 65 who rank as assistants, 34 of this number being clinical assistants in the department of medicine who receive no pay. In the 455, who are included in the staff of instruction, are 89 who do not receive any compensation. These are mainly in the college of medicine and surgery. Omitting these 89, the faculty numbers 366. 5,955 divided by 366 is

16.2 which indicates the maximum number of students per instructor. Using the larger number, 455, as the number in the faculty, the number of students to each member is 13.

At a meeting of the Alumni Association of the University of Texas in June Mr. Will C. Hogg offered to raise between twenty-five and fifty thousand dollars annually for the next five years as a publicity fund. Within the past four months Mr. Hogg has collected a sum aggregating \$147,625, which he has put at the disposal of an executive committee consisting of President Sidney E. Mezes, E. B. Parker, president of the alumni, and the president of the board of regents, Clarence Ousley. As has already been stated in *SCIENCE*, the objects of the movement are to stimulate higher education; to secure the counsel of distinguished educational workers in the United States and Europe; to investigate and advise the people what the scope of higher educational institutions should be, and what methods and means of maintenance should be provided.

THE University of Washington celebrated its fiftieth anniversary last week. On "University and State Day" addresses were delivered by Dr. Kendric Charles Babcock, of the office of the United States Commissioner of Education; President Campbell, of the University of Oregon; President MacLean, of the University of Idaho, and Governor Hay, Superintendent of Public Instruction Dewey and Judge Chadwick, of the state supreme court. On the following day Chancellor Samuel Avery, of the University of Nebraska, and President James H. Baker, of the University of Colorado, delivered the principal addresses.

DR. F. L. STEVENS, of the North Carolina College of Agriculture, has accepted a position as dean of the College of Agriculture of the University of Porto Rico located at Mayaguez. He will take up his residence and begin the organization of the Agricultural College at that place on January 1, 1912. It is the intention to establish in connection with the Agricultural College and under the directorship of Dr. Stevens, a Tropical Botanical-Zoological Laboratory.

DR. WILLIAM F. R. PHILLIPS, formerly dean of the medical department of George Washington University, has been elected professor of anatomy in the School of Medicine, University of Alabama, Mobile, and has moved to that city.

MR. JOHN E. BOYNTON, B.S. (Wisconsin), for several years assistant professor in the University of Iowa, has been appointed professor of mechanical engineering at Lafayette College.

MR. PREVOST HUBBARD, chief of the Division of Roads and Pavements of the Institute of Industrial Research, has been appointed lecturer in engineering chemistry at Columbia University. He will conduct the courses in bituminous materials given in connection with the graduate courses in highway engineering.

At the West Virginia University appointments have been made as follows: C. R. Jones, professor of engineering, to be dean of the college of engineering; Rollin P. Davis, of the college of civil engineering, Cornell University, assistant professor of structural engineering; C. R. Titlow, of the extension department of the Ohio State University, director of agricultural extension; J. B. Grumbein has been advanced to assistant professor of mechanical engineering; Robert H. Chandler, of Somerville, Mass., has been appointed as instructor of woodwork and foundry.

MR. BRUCE W. BENEDICT, for several years in the motive power department of the Atchison, Topeka and Santa Fe Railway, has been appointed director of the shop laboratories in the department of mechanical engineering at the University of Illinois.

DR. RALPH A. HAMILTON has been appointed professor of histology and embryology in the school of medicine of Georgetown University.

MR. GEORGE FREDERICK CHARLES SEARLE, M.A., F.R.S., has been elected to a fellowship at Peterhouse, Cambridge. Mr. Searle was formerly a scholar of the college, and has been demonstrator of experimental physics at the Cavendish Laboratory since 1888 and university lecturer in experimental physics since 1900.