

lected by Mr. Gregory nearly fifty years ago, when he was a student at a theological seminary in South Carolina.

UNIVERSITY AND EDUCATIONAL NEWS

THE University of Washington, Seattle, will receive by appropriation of the state legislature the sum of \$673,000 for maintenance, for the biennium, 1909-11. Four permanent brick structures: an auditorium, a chemical laboratory, an engineering building, a power plant; and two semi-permanent structures: a library and forestry building will lapse to the university after being used by the Alaska-Yukon-Pacific Exposition, this summer.

MR. ANDREW CARNEGIE, in commemoration of twenty-five years' work in bacteriology and pathology done by the Carnegie Medical Laboratory of New York University, has given \$75,000 to the school. The money will be applied to the extension of the present Carnegie Laboratory building by an addition to it, which will face on First Avenue, the present building fronting on East Twenty-sixth street.

THE legislature of Nebraska in its recent session appropriated \$20,000 for the purchase of a new site in Omaha for the college of medicine of the University of Nebraska. The citizens of Omaha are to erect the buildings on the site thus obtained. The hall of mechanical engineering of the university is approaching completion and will be ready for occupancy in September. At a recent meeting of the regents the sum of \$50,000 was set aside for equipment. The regents are taking steps to locate two additional experiment sub-stations, as provided by the recent legislature. One of these is to be in the "Sandhill Region" of central Nebraska, and the other in the "Irrigation Region" of the western part of the state. They are contemplating considerable additions to the campus by the purchase of adjacent property. This has been made necessary by the present overcrowded condition of the campus. The tuition fees hitherto required of graduate students who are not residents of the state have been abolished.

THE Boston *Evening Transcript* states that plans are maturing for the establishment of a medical school in China. The promoters are Harvard men who intend to go to China at the expiration of their hospital appointments, having definite invitations from his excellency the viceroy of the Kiang Soo province. An endowment fund will be raised to be held by a board of trustees in this country, incorporated to direct the financial affairs of the institution. President Charles W. Eliot, of Harvard, has consented to serve as chairman of this board, and his associate trustees will be Dr. H. P. Walcott, Dr. A. T. Cabot, Dr. W. T. Councilman, Dr. W. B. Cannon, Dean H. A. Christian and Professor E. C. Moore. These are the men who intend to go: Drs. J. P. Leake, W. S. Whittemore, W. H. Hitlner, I. Hartshorn, C. C. Haskell, M. R. Edwards, A. L. Patch, A. M. Dunlap, G. P. Gaunt and C. A. Hedblom.

A DESPATCH from Denver to the daily papers says: "Differences between the members of the faculty and the board of trustees of Westminster University, Denver, Col., a Presbyterian institution, arising out of a general reduction of instructors' salaries, have resulted in the dismissal of President Joseph L. Weaver and the entire faculty. The reduction caused President Weaver and the faculty to bring suit for back pay, and the dismissal followed."

DR. WILLIAM A. SHANKLIN will be inaugurated as president of Wesleyan University on October 29. He will, however, assume the duties of the office after the close of the present academic year.

DR. CHARLES E. BESSEY, who has been for many years the dean of the industrial college of the University of Nebraska, has been promoted to be head dean of the university. He is chairman of the board of deans, and becomes the acting chancellor whenever the chancellor is absent or indisposed.

MR. C. T. BRUES, curator of invertebrate zoology in the Milwaukee Public Museum, Milwaukee, Wis., has been appointed instructor in economic entomology at the Bussey Institution of Harvard University.

DR. J. FRANK DANIEL, late at Johns Hopkins University, now working at the Pasteur Institute at Lille, France, has been appointed instructor in zoology at the University of Michigan, to succeed Dr. Dana B. Casteel.

DR. EMIL BOSE, of Danzig, has been appointed professor of physics in the University of La Plata.

PROFESSOR J. BAUSCHINGER has been appointed to succeed Professor E. Becker as professor of astronomy and director of the university observatory at Strassburg.

DR. EINAR HERTZSPRUNG, of Copenhagen, has been appointed associate professor of astronomy and astrophysics at Göttingen.

DISCUSSION AND CORRESPONDENCE

INDUSTRIAL FELLOWSHIPS

THE incidental reference made by Professor Kipping in his address before the British Association to a scheme of industrial fellowships which I have initiated in this university has led to so many inquiries from industrial chemists and to such general interest that I am compelled to present now its main outlines and present status rather than to wait, as I had intended, until its material results had determined fully its practicability. The scheme was initiated through an article entitled "Temporary Industrial Fellowships" which was published in the *North American Review* for May, 1907. This article was subsequently included as the last chapter in a book called "The Chemistry of Commerce" (Harper's). The scheme as then evolved has developed as I gained experience into something somewhat different; while it is essentially the same, I have found it practicable to claim on behalf of the university more advantages than I at first thought possible. Perhaps the present nature of the scheme is better exemplified in one of the later fellowship agreements, for example in Fellowship No. 7:

For the purpose of promoting the increase of useful knowledge, the University of Kansas accepts from the A. B. C. Glass Company, having head offices at New York, the foundation of a temporary industrial fellowship to be known as the A. B. C. Fellowship.

It is mutually understood and agreed that the conditions governing this fellowship shall be as follows:

The exclusive purpose of this fellowship is an investigation into the optical properties of glass in relation to its chemical constitution, to the furtherance of which the holder shall give his whole time and attention, with the exception of three hours a week, which he shall give to work of instruction in the chemical department.

The fellow shall be appointed by the chancellor of the university, the director of the chemical department and the professor of industrial chemistry; he shall have made previously a reputation in research; he shall be a member of the university, and shall pay all regular fees with the exception of fees for laboratory and supplies, for which his instruction shall be taken in lieu, unless in the opinion of the appointers his demands become excessive, in which case the donor shall be expected to reimburse the university; he shall work under the advice and direction of the professor of industrial chemistry; and he shall forward, periodically, through the professor of industrial chemistry, reports of the progress of his work to the A. B. C. Company.

For the support of this fellowship, which shall extend through a period of two years from the date of appointment of the fellow, the A. B. C. Glass Company agrees to pay fifteen hundred dollars (\$1500) per year, payable annually to the university on the date on which the fellow begins work at the university. This sum shall be paid by the university in monthly installments to the holder of the fellowship.

Any and all discoveries made by the fellow during the tenure of this fellowship shall become the property of the A. B. C. Glass Company, subject, however, to the payment by them to the fellow of ten (10) per cent. of the net profits, to be commuted at the desire of either party through the arbitration provided for herein, arising from such discoveries, it being understood that the fellow shall be regarded as the inventor. At any time during the tenure of his fellowship the holder shall, at the option of the donor, take out patents at the expense of the donor on condition that at the time of making application therefor he shall assign his right to the donor under the conditions of this agreement. At or before the expiration of the fellowship, the business services of the fellow may be secured by the A. B. C. Glass Company for a term of three years on condition that the terms of such services are satisfactory to both parties at interest.