

Sims Woodhead; on the Treatment of Infectious Diseases regarded from the point of view of hospital administration, by Dr. E. W. Goodall, Medical Superintendent of the Homerton Fever Hospital; and on the Development of Africa, as a problem of comparative pathology, by Dr. L. W. Sambon. The lectures are all free.

THE Botanical Department of the University of Pennsylvania will hold its closing meeting and reception in the Botanical Garden on June 8, from five to ten in the evening. At 7 P.M. Provost Charles Custis Harrison, LL.D., honorary president of the society, will make the introductory address, followed by a series of lectures and short talks and an inspection of flowers and specimens, many of them added to the department since the last annual meeting by gift or in consequence of the travels and researches of members of the faculty and students.

Nature gives the following account of the program of the meeting of the International Union for Cooperation in Solar Research, which was held recently in Meudon, near Paris: "The meeting will open on May 20, when formal business will be transacted in the morning. In the afternoon it is intended that all new proposals for joint work shall be submitted to the meeting, so that members will have an opportunity of privately discussing the desirability of adopting the proposals before a final decision is taken towards the end of the week. The mornings of May 21 and 22 will be spent in receiving the reports of the committees appointed at the Oxford meeting in 1905. It is understood that Professor Pérot is ready to submit his measurements of the wave-length of the red cadmium line, and that his results are in such good agreement with those previously obtained by Michelson that the meeting probably will be able to adopt finally a primary standard of wave-length. Other reports deal with the observations of sun-spot spectra and the organization of the systematic application of the spectroheliograph to solar work. A question of interest to which several members of the union have given considerable attention con-

sists in fixing the best methods of measuring the areas of flocculi. This matter has been under consideration at some of the American observatories, as well as at the Solar Physics Observatory at South Kensington and at the University Observatory, Oxford. On Tuesday evening Dr. Janssen, the president of the congress, will give a banquet to the members at the Hôtel d'Orsay, in Paris, and on Wednesday afternoon Professor Julius will demonstrate in the physical laboratories of the Sorbonne some of his experiments on anomalous dispersion. Arrangements have also been made to visit the Observatory of Paris in the same afternoon. It is hoped that the scientific work of the meeting will be concluded on May 23, and an excursion to the Château de Chantilly has been arranged for Friday. A formal business meeting on May 25 will bring the meeting to a close."

UNIVERSITY AND EDUCATIONAL NEWS

THE Pennsylvania legislature voted at its recent session an appropriation of \$500,000 for the University of Pennsylvania. The bill has not yet been signed by the governor.

MR. AND MRS. JOHN C. HEMMETER have given an endowment for the chair of physiology of the University of Maryland.

AN alumnus of Hobart College has given \$20,000 for a new gymnasium.

ONE of the dormitories of Trinity College, Hartford, Conn., was injured by fire on May 22. Some damage was also done to the library, the entire loss being estimated at \$15,000.

SARATOFF has been chosen as the seat of the new Russian University which is to replace that of Warsaw.

THE University of Montana announces the establishment of fellowships in the departments of chemistry, botany, physics and mechanical engineering, each with an income of five hundred dollars annually in addition to tuition and laboratory fees. Each fellow will be expected to devote approximately half his time to assistance in the department in which he is chosen. It is desirable that the fellow

in botany should be interested in forestry, and the fellow in chemistry will be expected to take charge of the laboratory work in the first year's work in inorganic chemistry. There is an excellent opportunity for research work on smelter problems, and also along some lines of electro-chemistry. Graduates of any reputable college or university are eligible. Applicants should send their credentials to Dr. O. J. Craig, president, Missoula, Montana.

MR. DANIEL W. O'HERN, A.B. (Drake), A.M. (Virginia), now of the Johns Hopkins University, has been appointed associate in geology in Bryn Mawr College.

At Amherst College, Professor W. J. Newlin, associate professor of mathematics and psychology, has been appointed associate professor of philosophy. He will continue next year the work he has carried on since the death of Professor Garman.

THE following changes have been made in the faculty and instructing staff of the Massachusetts Institute of Technology: Promotions from associate professor to professor: John O. Sumner, A.B., professor of history; Frederick H. Bailey, A.M., professor of mathematics; Henry Fay, Ph.D., professor of analytical chemistry. New appointment: Reginald A. Daly, Ph.D., professor of physical geology; Professor William O. Crosby, S.B., has been retired under the Carnegie Foundation. Promotions from assistant professor to associate professor: Henry G. Pearson, A.B., associate professor of English; Ralph R. Lawrence, S.B., associate professor of electrical engineering; George C. Shadd, S.B., E.E., associate professor of electrical engineering. New appointment: Edwin B. Wilson, Ph.D., associate professor of mathematics. Promotions from instructor to assistant professor: Leonard M. Passano, A.B., assistant professor of mathematics; George L. Hosmer, assistant professor of civil engineering; Charles B. Breed, S.B., assistant professor of civil engineering; Maurice De K. Thompson, Ph.D., assistant professor of electro-chemistry; Henry L. Seaver, A.B., assistant professor of English. New appointments: Gilbert N. Lewis, Ph.D., assistant professor of physico-

chemical research; Earle B. Phelps, S.B., assistant professor of research in chemical biology. The following instructors have received leave of absence: Clifford M. Swan, S.B., instructor in physics; Clarence L. E. Moore, Ph.D., instructor in mathematics; Francis Harold Dike, A.B., instructor in modern languages. Return from leave of absence: Daniel F. Comstock, Ph.D., instructor in theoretical physics. Resignations: Raymond Haskell, S.B., S.M., instructor in theoretical chemistry; Champion H. Mathewson, Ph.D., instructor in analytical chemistry. Promotions from assistant to instructor: Clinton H. Colleser, A.M., instructor in English; Harold G. Crane, S.B., instructor in electrical engineering; George A. Rodenbaeck, S.B., instructor in electrical engineering. New appointments: Nels J. Lennes, M.Sc., instructor in mathematics; Richard C. Tolman, S.B., instructor in theoretical chemistry; Robert S. Williams, instructor in analytical chemistry; Henry B. Phillips, Ph.D., instructor in mathematics. Appointments as assistants: Charles R. Bragdon, A.B., S.B., assistant in theoretical chemistry; Paul S. Fiske, A.B., assistant in inorganic chemistry; George F. White, S.B., assistant in organic chemistry; Frank B. Shields, assistant in technical analysis; Herman W. Mahr, research assistant in organic chemistry. Resignations: John C. Hudgins, A.B., assistant in inorganic chemistry; Ralph S. Gifford, S.B., assistant in theoretical chemistry; Frank J. Quinlan, assistant in inorganic chemistry; Albert H. Smith, assistant in mechanical engineering; Albert L. Smith, S.B., assistant in analytical chemistry; Anna M. Cederholm, S.B., assistant in technical chemical research; Walter G. de Steiguer, S.B., assistant in geology; Arthur Neale, S.B., A.R.C.Sc., assistant in technical analysis; Fred C. Mabee, A.M., research assistant in physical chemistry; Ledyard Sargent, A.M., research assistant in physical chemistry; E. B. Spear, B.A., research assistant in physical chemistry. Lecturers — New appointments: James F. Kemp, A.B., E.M., Sc.D., on economic geology; M. C. Whitaker, S.M., on factory organization and management.