

considerable area will be available for the Hawksley hydraulic laboratory. There are well-lighted drawing offices for students on the second floor.

One of the most interesting of the rooms is that devoted to the study and measurement of sound, especially in connection with wireless, cables and telephony, over which Professor J. A. Fleming presides. By means of a delicate instrument it is made apparent that the whole of London is vibrating, a fact due, according to Professor Fleming, to the tube railways.

The reconstruction and reequipping of the engineering buildings has so far cost the authorities of the college £53,500, of which £10,000 has been contributed by the London County Council and £10,000 by Lord Cowdray.

Modern work in industrial chemistry is so intimately connected with engineering that it is proposed to erect, with the aid of a grant of £25,000 from the Ramsay memorial fund, a chemical engineering building to house the equipment and lecture-rooms and give other special accommodation required for this purpose. The department has already made a promising start, and is intended to form a connecting link between the schools of chemistry under the direction of Professor Collie, F.R.S., and Professor Donnan, F.R.S., and the engineering school.

THE SECTION OF PSYCHOLOGY OF THE BRITISH ASSOCIATION

OVERSEA members of the British Association for the Advancement of Science coming to the Toronto meeting, beginning August 6, include the following:

President of Section J—W. McDougall, professor of psychology, Harvard University. Late reader in mental philosophy, Oxford. In his presidential address he will deal with "Purposive action as a fundamental conception in psychology," and will deliver a lecture on "Human heredity and national (or racial) outlook."

Vice-President—Cyril Burt, of the department of education, London County Council. Speaks on "Tests for scholarship and promotion."

Recorder—L. Wynn-Jones, Harrogate.

Secretary—R. J. Bartlett.

Secretary—Shepherd Dawson, Glasgow.

F. A. Aveling, reader in psychology, University of London. General secretary of the British Psychological Society. Will speak on the "Standpoint of psychology."

F. C. Bartlett, professor of experimental psychology, Cambridge.

William Brown, Wilde reader in mental philosophy, Oxford.

H. Wildon Carr, professor of philosophy, University of London, editor of proceedings of Aristotelean Society.

J. Drever, reader and lecturer in psychology, University of Edinburgh, will speak on "Psychological theories of laughter."

J. C. Flügel, senior lecturer in philosophy and psychology, University College, London, will discuss "Feeling and emotion in daily life."

B. Hart, physician in psychological medicine and lecturer in psychiatry in University College Hospital Medical School, London.

Dr. J. T. MacCurdy, formerly of Toronto and Cornell, now of Cambridge.

C. S. Myers, director of the National Institute of Industrial Psychology, editor of the *British Journal of Psychology*, presents a paper on the "Conception of fatigue," in the joint discussion between physiology and psychology sections dealing with "Physiological factors of muscular efficiency in industry."

T. H. Pear, professor of psychology in the University of Manchester.

C. E. Spearman, Grote professor of mind and logic, University of London.

SCHOOL OF HYGIENE IN THE UNIVERSITY OF TORONTO

ON May 20, the International Health Board of the Rockefeller Foundation approved of a proposal to assist financially in the creation and endowment of a school of hygiene in the University of Toronto; and the following day the Rockefeller Foundation pledged \$650,000 to the governors of the University of Toronto, for this purpose. The governors of the university have accepted the proposals and the above-mentioned sum will be utilized to provide a building to cost not more than \$400,000; the remaining \$250,000 will be used for the endowment of the school. While final details of organization remain to be perfected, the school will include the departments of hygiene and preventive medicine and public health nursing and the Connaught laboratories. The operating or public-service divisions (namely the antitoxin and insulin) of the Connaught laboratories will be merged and constitute a public service section in the school.

The endowment will be added to by the inclusion of the resources of these laboratories, namely the Connaught laboratories research fund. The governors of the university have agreed to maintain the building and continue to sustain the budgets appropriated for 1924-25, for the maintenance of the teaching departments of hygiene and preventive medicine and public health nursing.

APPOINTMENTS AT THE ROCKEFELLER INSTITUTE

THE board of scientific directors of the Rockefeller Institute for Medical Research announces the election of Dr. Francis Gilman Blake as a member of the board of scientific directors to succeed Dr. Hermann M. Biggs, deceased.

The following promotions and appointments are announced:

Promotions:

Associate Member to Member:

Dr. James B. Murphy
Dr. John H. Northrop

Associate to Associate Member:

Dr. Thomas M. Rivers

Fellow to Assistant:

Miss Gladys Bryant
Dr. Charles Korb
Miss Dorothy Loomis
Dr. Elmer L. Straub

Dr. William S. Tillett has been appointed resident physician at the hospital.

New Appointments:

Assistants:

Dr. Douglas Boyd
Dr. Clifford L. Derick
Dr. Louis A. Julianelle
Dr. Ann G. Kuttner
Dr. John F. McIntosh
Mr. Bernard J. C. Vander Hoeven

Fellow:

Dr. David Davidson

Dr. Paul E. Howe, hitherto an associate in the department of animal pathology, has accepted an appointment with the division of animal husbandry, Bureau of Animal Industry, U. S. Department of Agriculture, in charge of nutrition investigations.

Dr. George R. Brow, hitherto an assistant in the department of the hospital, has accepted an appointment as research assistant at the University College Hospital, London, under Sir Thomas Lewis.

Dr. Geoffrey C. Linder, hitherto an assistant in the department of the hospital, has accepted an appointment at St. Bartholomew's Hospital, London, under Professor Francis R. Fraser.

Dr. Hugh J. Morgan, hitherto an assistant and resident physician at the hospital, has accepted an appointment as associate professor of medicine at Vanderbilt University.

Dr. James M. Neill, hitherto an assistant in the department of the hospital, has accepted an appointment as associate professor of bacteriology at Vanderbilt University.

Dr. Harold A. Salvesen, hitherto an assistant in the department of the hospital, has accepted an appointment as chief of clinic at the Physiologic Institute, University of Christiania, Norway.

SCIENTIFIC NOTES AND NEWS

DR. ROBERT SIMPSON WOODWARD, president of the Carnegie Institution from 1905 to 1920, and formerly professor of physics in Columbia University, died on June 29, at the age of seventy-five years.

DR. ADRIAAN VAN MAANEN, of Mount Wilson Observatory of the Carnegie Institution, has been elected correspondent of the Royal Academy of Sciences at Amsterdam.

PROFESSOR E. BATAILLON, of the University of Montpellier, has been elected associate of the Royal Academy of Belgium, in succession to the late Dr. Jacques Loeb.

THE University of Chicago has conferred the Rosenberg medal upon Dr. Frederick G. Banting, of Toronto. This medal is awarded annually by the university to the person conferring the greatest benefit upon humanity.

THE Helmholtz gold medal, awarded once in ten years by an international committee for the most significant research in the domain of optics, has been given to Professor K. von Hess, of Munich, for his investigations on color vision.

SIR ERNEST RUTHERFORD has been appointed by the University of Cambridge delegate to the Franklin Institute on the occasion of its centenary next September.

THE University of Colorado at its recent commencement conferred the honorary degree of doctor of science upon Professor William Duane, of Harvard University.

DR. RAY LYMAN WILBUR, president of Leland Stanford University, has received the honorary degree of doctor of science from Syracuse University.

THE University of Aberdeen has conferred upon Sir Henry Gray, head of the surgical division of the Royal Victoria Hospital, Montreal, the honorary degree of LL.D.

DR. ALBERT ERNEST JENKS, professor of anthropology, University of Minnesota, and chairman of the division of anthropology and psychology, National Research Council, delivered an address on "The dawning era of science" at the seventieth annual commencement of Kalamazoo College, June 18, on which occasion the college conferred on him the honorary degree of doctor of science.

A CORRESPONDENT writes that Professor F. X. Schaffer, of the Naturhistorisches Staatsmuseum, Vienna, will arrive in the United States during the summer and will spend the remainder of the year traveling in various parts of the country. He is prepared to give lectures on the more recent interpretations of the Pleistocene of Europe.

PROFESSOR W. A. NOYES, of the California Institute of Technology, has given lectures in England at the Universities of Oxford, London, Cambridge and Manchester and in Germany. He will continue his