

Little, Fred R. Low, O. C. Merrill, Professor Michael I. Pupin, Calvin W. Rice, George T. Seabury, George Otis Smith and W. E. Wickenden.

Secretary Holland's report covered important phases of the work of the American committee, which is coordinating participation of engineering and industry in the United States in the Tokio sessions. The report went into the matters of coordination of activities, committee progress, financing, promotion and attendance and entertainment. Likewise, the need for further information from Japan on its own engineering and industrial conditions and progress was stressed.

### SCIENTIFIC NOTES AND NEWS

DR. JAMES KENDALL, chairman of the department of chemistry, Washington Square College, New York University, has been elected an honorary member of the American Institute of Chemistry. On May 17 the department of chemistry of Washington Square College tendered him a farewell dinner, at which fifty-nine members were present. Dr. Kendall will soon leave to take up his duties as professor of chemistry at the University of Edinburgh.

THE highest award of the American Medical Association for achievement in scientific research, a gold medal, has been awarded to Surgeon Edward Francis, of the United States Public Health Service, for his "thorough and important scientific contributions to the knowledge of tularaemia."

THE Albert medal of the Royal Society of Arts has been awarded to Sir Ernest Rutherford, for his pioneer researches into the structure of matter.

IN connection with the International Geographical Congress in July, honorary degrees of Sc.D. are to be awarded by the University of Cambridge, to General Vacchelli, surveyor-general of Italy, the president of the congress, to Professor E. de Martonne, of the Sorbonne, and to Sir Charles Close, president of the Royal Geographical Society.

DR. GILBERT NEWTON LEWIS, professor of chemistry at the University of California, was the recipient of the honorary degree of doctor of science from the University of Wisconsin at the commencement exercises on June 18.

PRINCETON UNIVERSITY has conferred the honorary degree of doctor of science on Dr. Robert A. Millikan, director of the Norman Bridge laboratory of physics at the Pasadena Institute of Technology, and on Dr. Rudolph Matas, emeritus professor of surgery at Tulane University.

DR. G. CANBY ROBINSON, director of the medical center to be erected by Cornell University and New

York Hospital, received the honorary degree of LL.D. from Washington University, on June 5, in recognition of his services to the university and of his contributions to medicine.

DR. HERBERT E. IVES, physicist at the Bell Telephone Laboratories, New York, received from Dartmouth College the honorary degree of doctor of science on June 19.

RUTGERS UNIVERSITY has conferred the honorary degree of doctor of laws on Dr. H. N. Davis, president-elect of Stevens Institute, and the degree of doctor of science on Dr. Frank B. Jewett, president of the Bell Telephone Laboratories, and on Edgar D. Tillyer, optical designer for the American Optical Co.

AT its commencement on June 4, Franklin and Marshall College conferred the honorary degree of doctor of science on Professor David Riesman, of the University of Pennsylvania.

WILLIAM BEEBE, of the New York Zoological Society, received the honorary degree of doctor of science from Colgate University on June 11 and that of doctor of letters from Tufts College on June 18.

THE Republic of France has named Professor G. S. Whitby, of the department of chemistry at McGill University, "officier d'académie," this honor being the first grade of the decoration "officier de l'instruction publique."

DR. E. P. WIGHTMAN, of the research laboratory of the Eastman Kodak Company, Rochester, N. Y., has been elected a fellow of the Royal Photographic Society of Great Britain.

DR. A. M. HANSON, of Faribault, Minnesota, was awarded the prize of \$250 by the Minnesota Society of Internal Medicine at its last meeting held in Duluth on May 5. This is an annual prize awarded by the society to the general practitioner in the state who has made the most important contribution to medicine during the year. The prize was awarded to Dr. Hanson in recognition of his work in the isolation of the hormone of the parathyroid gland.

THE first award of the University of Buffalo medal in ophthalmology was made at the recent commencement to Dr. Edmund B. Spaeth, of Philadelphia, for his contributions to the field of ophthalmic plastic surgery. Annual award of the medal is made possible by the gift of a sum of money by Dr. Lucien Howe, professor emeritus of ophthalmology at the university.

DR. RALPH A. FENTON and Dr. Olof Larsell, of the University of Oregon Medical School, were awarded the Casselberry prize of \$500 by the American Laryngological Association for work on the pathway of pain referred to the ear in nose and throat diseases.

THE second annual award of the orthopedic scholarship of the Hospital for Joint Diseases, New York, of \$2,400 yearly, bequeathed by Henry W. Frauenthal, founder of the hospital, was given to a member of the intern graduating staff, Dr. David Sashin.

THE first award of the Alexander Brown Coxe memorial fellowship, at Yale University, with a stipend of \$2,500, for research in the biological sciences, has been awarded to Dr. Ezra A. Sharp. Dr. Sharp will do research work in immunology and pathology.

AFTER a continuous service of forty years, Dr. George H. Monks has retired from the active teaching staff of the Harvard Dental School. In view of his long-continued, devoted and valuable work for the school and the dental profession, the alumni council has voted that an oil portrait of Dr. Monks be hung in the halls of the school.

DR. EDWARD B. GLEASON, professor of otology in the University of Pennsylvania Graduate School of Medicine, was guest of honor at the fourth annual dinner of the Physicians' Square Club, on May 25, in recognition of his having completed fifty years in the practice of medicine.

PROFESSOR A. W. PORTER, F.R.S., is retiring from the chair of physics at University College, London. He was entertained at dinner in the college on June 25 by present and past members of the College Mathematical and Physical Society.

DR. FREDERICK E. BREITHUT, of the College of the City of New York, has been elected president of the American Institute of Chemists.

AT the twelfth annual meeting of the National Board of Medical Examiners, Washington, D. C., on May 3, Dr. Evarts A. Graham, professor of surgery, Washington University Medical School, St. Louis, was elected to membership to succeed Dr. John M. T. Finney, Baltimore, whose term expired.

PROFESSOR G. S. WHITBY, of McGill University, was elected president of the Canadian Chemical Association at the eleventh annual Dominion Chemical Convention held at London, Ontario, from June 6 to 8. This newly-formed association will embrace all local chemical organizations in Canada.

PRESTON S. ARKWRIGHT, of Georgia, was elected president of the National Electric Light Association at the convention held in Atlantic City.

DR. HERMANN J. MULLER, professor of zoology in the University of Texas, has been awarded the university research professorship, under the provisions of which he will have most of his time free for research.

DR. GEORGE T. PACK has resigned from his post of professor of pathology and assistant dean of the school of medicine at the University of Alabama, to accept a three-year fellowship appointment at the Memorial Hospital for malignant diseases, in New York City.

ARTHUR LOWELL BENNETT, who has been at the Lowell Observatory the past two years, has been appointed to the Thaw fellowship in astronomy at Princeton University.

DR. WALTER N. EZEKIEL, formerly National Research Fellow in botany at the University of Minnesota Agricultural Experiment Station, has been appointed to succeed Dr. L. J. Pessin as plant pathologist in the cotton root rot project of the Texas Agricultural Experiment Station.

DR. CARL O. LAMPLAND, of the Lowell Observatory, Flagstaff, Arizona, has been appointed an exchange professor at Princeton University in exchange for Professor Raymond S. Dugan.

DR. CLARENCE F. JONES, of the department of geography at Clark University, and Dr. C. F. Marbut, chief of the U. S. Bureau of Soils, will make a tour of northern South America this summer to make a study of the agriculture of that region.

ALEXANDER SILVERMAN, head of the department of chemistry at the University of Pittsburgh, sailed on May 18 for a three months' tour of Europe. Professor Silverman will accompany the tour of the American Ceramic Society and will later visit educational institutions, museums and glass factories in France, Switzerland, Italy, Austria, Germany, Czechoslovakia, Belgium, the Netherlands, England and Scotland.

F. W. PETTEY, senior entomologist of the Union of South Africa, is visiting the United States on behalf of the South African government to study the work of agricultural experiment stations. He will represent South Africa at the International Congress of Entomology in Ithaca, N. Y., in August.

L. E. S. EASTHAM, lecturer in advanced and economic entomology at the University of Cambridge, has been appointed to represent the university at the International Congress of Entomology.

DR. T. SHIRAKI, of the Government Experiment Station at Formosa, who has been spending some time in European museums, recently spent a week at the U. S. National Museum for the purpose of studying type specimens of Japanese and other Oriental insects.

AT the thirty-seventh annual general meeting of the Institution of Mining and Metallurgy, held in London

on May 17, the Honorable Peter Larkin, high commissioner for Canada, presented to the institution on behalf of Canadian friends and admirers of the late Dr. Willet G. Miller, provincial geologist for Ontario, a replica of the portrait of Dr. Miller which is now hanging in the Ontario Parliament Buildings.

*Nature* states that one of the houses occupied by Newton when living in London stood on the corner site between St. Martin's Street and Orange Street, where the Westminster City Council is now erecting a new public library, and that the council has decided to commemorate Newton's connection with the site by cutting an inscription on the stone face of the building to read as follows: "Sir Isaac Newton lived in a house on this site, 1710-1727."

DR. ROBERT EDGAR ALLARDICE, emeritus professor of mathematics at Stanford University, died on May 6, aged sixty-six years.

E. T. MEREDITH, editor and publisher of farm journals and formerly secretary of agriculture in President Wilson's cabinet, died on June 17, aged fifty-one years.

THE personnel of the division of chemistry and chemical technology of the National Research Council for 1928-29 will be as follows: George A. Hulett, Princeton, *chairman*; W. C. Geer, New Rochelle, N. Y., *vice-chairman*; Roger Adams, University of Illinois; Marston T. Bogert, Columbia University; R. M. Burns, Bell Telephone Laboratories; W. M. Clark, the Johns Hopkins Medical School; James B. Conant, Harvard; William J. Hale, Dow Chemical Company; Harry N. Holmes, Oberlin College; Charles A. Kraus, Brown University; S. C. Lind, University of Minnesota; Edward Mack, Jr., Ohio State University; H. S. Miner, Welsbach Company; James F. Norris, Massachusetts Institute of Technology; Charles L. Parsons, Washington, D. C.; C. L. Reese, E. I. du Pont de Nemours and Company; C. M. A. Stine, E. I. du Pont de Nemours and Company; W. T. Taggart, University of Pennsylvania; E. W. Washburn, Bureau of Standards; Frank C. Whitmore, Northwestern University.

IN response to an invitation issued by G. Albini, Senator, rector of the University of Bologna, and the president of the organization committee of the International Congress of Mathematicians, the American Mathematical Society has named six persons as follows: Professor R. C. Archibald, Brown University; Professor G. D. Birkhoff, Harvard University; Professor H. F. Blichfeldt, Stanford University; Professor Edward Kasner, Columbia University; Professor Oswald Veblen, Princeton University; Professor Virgil Snyder, Cornell University. Should a

chairman be necessary President Snyder has appointed Professor G. D. Birkhoff to act.

FROM May 22 to 24 the Royal Society of Canada met west of Ottawa for the first time. The sessions were held in Winnipeg in the University of Manitoba and the legislative building. Dr. A. H. R. Buller, professor of botany in the University of Manitoba, delivered the presidential address on "The Plants of Canada, Past and Present," and Dr. J. J. R. Macleod, recently appointed Regius professor of physiology in the University of Aberdeen, gave the annual popular address, selecting as his subject "The Air we Breathe." Thirty-eight papers on history and literature, and 179 papers in the various sciences, were communicated to the five sections of the society. M. Camille Roy, of Laval University, Quebec, was elected president, and Professor A. S. Eve, F.R.S., vice-president, for 1928-29.

A CONFERENCE was called by the Federal Horticultural Board at the U. S. Department of Agriculture, Washington, D. C., for June 27, for the purpose of considering the advisability of modifying the requirements governing the interstate movement of five-leaved pines and of currant and gooseberry plants on account of the white pine blister rust. Fifteen states have been designated by the Secretary of Agriculture as infected with this disease, namely: Connecticut, Idaho, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, Washington and Wisconsin. Five-leaved pines originating in these states are not at present allowed to be moved into non-infected states nor from heavily to more lightly infected ones.

AT the annual meeting of the British Association to be held in Glasgow from September 5 to 12, Sir William Bragg, who succeeds Sir Arthur Keith as president, will deliver an address on the subject of "Craftsmanship and Science" at the inaugural general meeting in St. Andrew's Hall. Dame Helen Gwynne-Vaughan, professor of botany at Birkbeck College, London, has accepted the office of president of Section K (botany) of the association, and will address the section on the subject of "Sex and Nutrition in the Fungi." Professor R. H. Yapp was originally elected president of the section, but resigned when he found he was unable to attend the meeting. Further details of the meeting were printed in *SCIENCE* for June 15, page 599.

AN international conference on the physical, biological and therapeutical aspects of light will be held at Lausanne from September 10 to 12, and the following day will be spent at Leysin. According to the

*British Medical Journal*, the subjects to be dealt with include a lecture on the therapeutic, prophylactic and social aspects of heliotherapy, by Dr. Rollier; heliotherapy in Belgium; radiation of food; a lecture on the sun and artificial light, by Professor Leonard Hill, and pigmentation caused by light. Inquiries should be addressed to the Secrétariat Général de la Première Conférence Internationale de la Lumière, Lausanne, Switzerland.

CHARLES F. BRUSH, inventor of the arc light, has set aside \$500,000 to establish a foundation to be known as the Brush Foundation, in the memory of the inventor's son, Charles F. Brush, Jr., who died a year ago. The income is to be used by a board of managers to finance efforts contributing toward the betterment of the human stock and toward regulation of increase in population, to the end that children shall be begotten only under such conditions as make possible a heritage of mental and physical health and favorable environment. Those named to administer the fund are: Dr. T. Wingate Todd, Western Reserve University; the Reverend Joel B. Hayden, Mrs. Charles F. Brush, Mrs. Roger P. Perkins, Mrs. William H. Weir and Jerome C. Fisher, attorney.

RECENTLY a group of public-spirited laymen, acting through Dr. Edward L. Keyes, president of the American Social Hygiene Association, invited a group of syphilologists and investigators interested in syphilis to meet at the Hotel Plaza, New York City, for the purpose of organizing the Committee on Research in Syphilis. While the importance of syphilis is well known to the medical profession, large funds for the systematic study of the disease have, with the exception of the government appropriations during the war, been exceedingly difficult to obtain. The Committee on Research in Syphilis will distribute annually through its subcommittees the funds made available by the group of donors, to subsidize and develop research in both the clinical and laboratory aspects of the disease. It is the purpose of the committee to expend the sums placed at its disposal in the development of a constructive program of research with planned activities and selected cooperators, and, upon the stimulation through grants, of researches already in progress or about to be undertaken. There will be for the present, at least, no investment in plant.

A GIFT of \$250,000 to the University of Pennsylvania for the establishment of a foundation to study the prevention of diseases of the heart and circulatory system has been made by Edward B. Bobinette, of Philadelphia. It is announced that Mr. Bobinette plans to give additional funds to the foundation.

A RESEARCH FUND of \$7,500 per year has been placed in the school of engineering of the Johns

Hopkins University by the Utilities Research Commission of Illinois for an investigation of the properties of impregnated paper as used in the insulation of high voltage cables. The work will be under the direction of Dr. J. B. Whitehead, professor of electrical engineering. Dr. Whitehead is chairman of the committee on electrical insulation of the National Research Council, and the work referred to is part of the coordinated plan which is being proposed by that committee. Other similar investigations under Dr. Whitehead's direction are the influence of air and moisture in impregnated paper, supported by the National Electric Light Association, and dielectric absorption, supported by the engineering foundation, with the cooperation of various electrical industries.

THE family of the late Fred C. Bowditch has presented his collection of Coleoptera to the Harvard Museum of Comparative Zoology. There are two principal portions: a general collection of Coleoptera of the world based on the G. D. Smith collection, and a special collection of the Chrysomelidae, containing the Jacoby collections (except part of the second), the Tring Museum collection, and an enormous amount of other material. This is said to be the largest private collection of beetles ever made.

## UNIVERSITY AND EDUCATIONAL NOTES

PRESIDENT LOWELL, of Harvard University, has announced gifts of \$6,146,000 made to the university during the past year. This includes \$350,000 which has been offered for a new gymnasium, and \$350,000 to come from two anonymous donors, gifts not previously made public. President Lowell announced also that the \$1,000,000 Arnold Arboretum fund has been fully subscribed.

THE \$1,000,000 mark in the alumni fund of Princeton University for increasing faculty salaries has been passed. The goal is \$2,000,000.

GIFTS for Washington University totaling \$1,186,444 were made public at the commencement exercises.

SUBSCRIPTIONS totaling \$1,000,000 have been received by the University of Southern California for its semi-centennial fund.

THE following changes were made relative to the personnel of the faculty of the school of medicine at a recent meeting of the board of trustees of Vanderbilt University: The resignation of Dr. G. Canby Robinson was accepted and Dr. W. S. Leathers, professor of preventive medicine, was elected as dean of the school; Dr. C. Sidney Burwell was made professor of medicine and physician-in-chief of the hospital;