

The budget of the laboratory, both salaries and running expenses, is borne by the City of Boston. Its establishment thus constitutes a striking instance of the recognition of the value of research to a general hospital by the trustees of a municipal institution.

SCIENTIFIC NOTES AND NEWS

THE Nobel prize for medicine for 1922 has been divided between Professor Archibald V. Hill, professor of physiology in University College, London, and Professor Otto Meyerhof, professor of physiology in the University at Kiel, for work on muscular contraction.

DR. J. J. R. McLEOD and Dr. F. G. Banting, between whom the Nobel prize for medicine for 1923 was divided, have each again divided the prize, so that Dr. J. B. Collip, professor in the University of Alberta, and Dr. Best, collaborators in the work, will each receive \$10,000.

DR. WILLIAM W. KEEN will receive an honorary doctor's degree from the University of Paris on November 24, at the opening exercises at the Sorbonne amphitheater.

A SPECIAL congregation of the University of Manchester was held on November 10, when the Earl of Crawford, K.T., was installed as chancellor and honorary degrees were conferred on a number of distinguished persons, including Dr. J. G. Adami, F.R.S., vice-chancellor of the University of Liverpool; Sir Arthur Keith, F.R.S., conservator of the museum of the Royal College of Surgeons of England, and Sir J. G. Frazer, F.R.S., author of *The Golden Bough*.

THE gold medal of the Royal Society of Medicine was presented to Dr. F. Gowland Hopkins, F.R.S., Sir William Dunn professor of biochemistry in the University of Cambridge, when on October 30 Professor Hopkins delivered an address on "Stimulants of growth."

MR. ROSITA FORBES, the English explorer, was presented with the gold medal of the French Geographical Society on November 7 after she had delivered a lecture on her experiences. Mrs. Forbes recently returned from a trip to Morocco.

DR. CHARLES H. MAYO, Rochester, Minn., was elected president of the American College of Surgeons at the annual meeting held in Chicago on October 25.

SIR ARTHUR CHANCE was elected president of the Royal Academy of Medicine of Ireland on October 12.

BOHUSLAV BRAUNER, professor of chemistry in the Bohemian University, Prague, has been elected an honorary foreign member of the French Chemical Society.

THE *Journal* of the American Medical Association writes: "The tribute to Professor C. Eijkman on the twenty-fifth anniversary of his professorship at Utrecht was an imposing ceremony. An album was presented with signatures of the Netherlands friends and another is on the way from the Dutch East Indies, and thirteen brief addresses were made by representatives of the government and scientific societies, including the Society of American Bacteriologists. The microbiologists cited a long list of Eijkman's innovations, such as his test for fermentation and his study of thermolabile substances which check bacterial growth. A fund was endowed in his name to provide a medal for achievement in tropical medicine."

AT the annual meeting of the Royal Society of Edinburgh, on October 22, the following council and office bearers were elected: *President*, Professor Frederick O. Bower. *Vice-presidents*, Major-General W. B. Bannerman, Dr. W. A. Tait, Principal J. C. Irvine, Lord Salvesen, Professor J. H. Ashworth and Professor T. H. Beare. *General Secretary*, Professor R. A. Sampson. *Secretaries to Ordinary Meetings*, Dr. A. Lauder and Professor W. Wright Smith. *Treasurer*, Dr. J. Currie. *Curator of Library Museum*, Dr. A. Crichton Mitchell. *Councillors*, Professor H. S. Allen, Sir Robert Greig, Dr. J. Ritchie, Professors E. M. Wedderburn, T. H. Bryce, J. Y. Simpson, D'Arcy Thomson, Sir James Walker, E. T. Whitaker and H. Briggs, W. L. Calderwood and Professor T. J. Jehu.

THE College of Physicians of Philadelphia has awarded the Alvarenga prize of \$300 to Dr. Edward P. Heller, Kansas City, Mo., for his essay entitled: "Treatise on Echinococcus Disease." The next award of the prize will be made on July 14, 1924, provided an essay deemed by the committee of award worthy of the prize shall have been offered.

AUGUST MERZ, of Heller and Merz, has been elected chairman of the dyestuffs section of the Synthetic Organic Chemical Manufacturers Association, New York City, to fill the vacancy caused by the death of Fred E. Singer.

DR. W. LEE LEWIS, head of the department of chemistry of Northwestern University, has been appointed director of scientific research for the Institute of American Meat Packers with headquarters in Chicago. The purpose of this division of the Institute's activities is to make a study of the research problems presented by the packing industry. The trustees of Northwestern University have granted Dr. Lewis a leave of absence from February 1, 1924, for a period of one year in order to allow him to devote his time to the organization of this work. This arrangement includes the continuation of the direction of research work under Dr. Lewis on carbohydrates

and organic arsenic compounds now being carried on at the university. During Dr. Lewis's absence Professor Frank C. Whitmore will serve as acting chairman of the department.

OTTO M. RAU, power specialist of Philadelphia, has been appointed in a consulting capacity to the staff of the Giant Power Survey for Pennsylvania.

At the inauguration of Dr. Herbert Spencer Hadley as chancellor of Washington University, which occurred on November 10, the American Association for the Advancement of Science was officially represented by Dr. George T. Moore, director of the Missouri Botanical Garden.

DR. J. WALTER FEWKES, chief of the bureau of American ethnology of the Smithsonian Institution, left on November 5 for Florida, where for several months he will investigate Indian mounds and other relics of the pre-Columbian Indians.

DR. FREDERICK L. HOFFMAN, of Wellesley Hills, consulting statistician of the Prudential Insurance Company of America, sailed on November 10 to attend the Belgian cancer congress which will be held in Brussels from November 18 to 20. Dr. Hoffman will make an address on "Cancer and civilization." He expects to return to the United States early in December.

PAUL F. CLARK, professor of medical bacteriology in the University of Wisconsin, has recently returned from a semester's leave of absence spent in travel and study in Europe. After serving as a delegate at the Pasteur Centenary in Paris, Professor Clark worked in the laboratory of the Pasteur Institute in Brussels, under Professor Jules Bordet, and in the Molteno Institute of Parasitology in Cambridge, under Professor George H. F. Nuttall. Later in the summer he visited the laboratories of the more important London hospitals and of the University of Oxford.

J. R. LOVEJOY, a vice-president and director of the General Electric Company, who sailed from Vancouver, B. C., for Japan soon after the catastrophe, to assist in relief and reconstruction, will remain in that country for some time to promote rehabilitation, particularly of electrical projects. Mr. Lovejoy has for many years been interested in the foreign activities of the General Electric Company.

DR. JAMES N. HART, dean of University of Maine, and for the past thirty years head of the department of mathematics, has been granted leave of absence by the trustees.

D. R. HOAGLAND, associate professor of plant nutrition of the University of California, and W. Metcalf, associate professor of forestry, have been given a

year's sabbatical leave of absence for foreign travel and study.

THE anniversary discourse of the New York Academy of Medicine was delivered on November 1 by Dr. William S. Thayer, of Baltimore, his subject being "Studies on acute bacterial endocarditis."

MR. GERARD SWOPE, of the General Electric Company, gave the first Aldred lecture at the Massachusetts Institute of Technology on November 9. His subject was "The engineer's place in society."

DR. S. C. LIND, chief chemist of the Bureau of Mines, addressed the Chemical Club at Princeton University on November 8 on "Are gaseous ions chemically active?"

MR. F. E. MATTHES, of the U. S. Geological Survey, gave a lecture on November 3 before the Brooklyn Institute of Arts and Sciences on "The cliffs and waterfalls of the Yosemite Valley."

THE Stamford Chemical Society, of Stamford, Conn., was addressed at their October meeting by Dr. R. B. Moore, formerly of the Bureau of Mines, who spoke on the development of the production of helium during the war and at the present time.

THE second John M. Dodson lecture of the Alumni Association of Rush Medical College will be delivered by Professor Arthur Biedl, University of Prague, in the amphitheater of Rush Medical College on November 23 at 4:30 P. M. The subject will be "The nervous and endocrine control of the functions of the alimentary tract."

DR. WILLIAM EDWARD GALLIE, of Toronto, has been appointed Hunterian professor and lecturer at the Royal College of Surgeons, London, England, for April, 1924. His subject will be "Living sutures."

DR. ARTHUR DUNN PITCHER, professor of mathematics of Adelbert College, Western Reserve University, since 1915, died on October 5.

JOHN T. HEDRICK, S.J., died at St. Andrews-on-Hudson, near Poughkeepsie, N. Y., on October 24 in his seventy-first year. He had been astronomer, and then director, at the Georgetown College Observatory for many years. Failing health obliged him to retire to St. Andrews.

GEORGE WHARTON JAMES, of Pasadena, California, known as an explorer and ethnologist, died on November 8, aged sixty-five years, at St. Helena, California.

DR. A. A. RAMBAUT, F.R.S., formerly professor of astronomy in the University of Dublin and royal astronomer of Ireland, the Radcliffe Observer at the University of Oxford, died on November 4, aged sixty-four years.

THE death is announced of Dr. P. Friedländer, privat-dozent for organic chemistry and technical organic technology in the Technical Hochschule at Darmstadt. Dr. Friedländer is well known for his investigations on the chemistry of dyestuffs and for his work "Fortschritte der Teerfarbenfabrikation," which appeared in twelve volumes.

DR. KARL FLUGGE, emeritus professor of hygiene at Berlin, has died at the age of seventy-six years. The Flügge foundation was organized in his honor on his seventy-fifth birthday.

Nature states that a movement is on foot to commemorate the late Sir Isaac Bayley Balfour. An area of 50 acres in Glenbranter Forest, Argyllshire, where the plants raised at the Botanic Garden, Edinburgh, can be cultivated under suitable conditions and where trials may be made in the rearing of newly imported conifers and other trees, has been secured for the purpose. It is proposed that the area shall be called the Bayley Balfour Arboretum or Garden, and that the memorial shall take the form of a rest-house for the use of visitors. Subscriptions towards the memorial are solicited. They should be sent to the honorary secretary and treasurer, Mr. J. Sutherland, 25 Drumsheugh Gardens, Edinburgh.

THE one hundred and twenty-third regular meeting of the American Physical Society will be held at the Ryerson Physical Laboratory of the University of Chicago, on November 30 and December 1. Other meetings are scheduled to take place as follows: December 27-29, Cincinnati, Annual Meeting; February 23, 1924, New York; April 25-26, 1924, Washington; Pacific Coast Section—place not yet determined.

ARRANGEMENTS for the Washington Meeting of the American Chemical Society have been planned definitely for the week of April 21, 1924. The council meeting will be on Monday of that week, a general meeting on Tuesday, and the following three mornings will be devoted to divisional meetings and the afternoons to sightseeing at the technical institutions in the city.

THE American Institute of Chemical Engineers is completing plans for its sixteenth annual meeting to be held in Washington, December 5 to 8.

THE Chicago Section of the American Chemical Society has originated a plan for this year whereby each section will be responsible for one monthly issue of *The Chemical Bulletin*. The Wisconsin Section will publish the November issue in cooperation with the Milwaukee, Wisconsin, Minnesota, Iowa, Ames, Louisville, Nebraska, Kansas City, Illinois, Purdue and Arkansas sections. *The Chemical Bulletin* reaches some 2,500 chemists.

DR. CARL WILHELM L. CHARLIER, professor of astronomy at the University of Lund, and director of the Lund Observatory in Sweden, will lecture at the University of California during the summer of 1924. During the Intersession, Professor Charlier will offer a course entitled, "The Motion of the Stars." In the Summer Session, which opens June 23, he will conduct a course on "The Distribution of the Stars."

THE Salters' Institute of Industrial Chemistry has awarded sixty-four grants in aid to chemical assistants, occupied in factory or other laboratories in or near London, to facilitate their further studies.

UNIVERSITY AND EDUCATIONAL NOTES

MR. MILTON S. HERSHEY, chocolate manufacturer, has placed his entire fortune, estimated at sixty million dollars, in trust for the orphanage and industrial school founded by him at Hershey, near Harrisburg, Pa., in 1909.

THE General Electric Company of New York has given \$5,000 to the Cavendish Laboratory of the University of Cambridge, of which Sir Ernest Rutherford is the director, to promote investigations, and the British Thomson-Houston Company £250 for a similar purpose.

THE University of London has accepted a gift of £10,000 to found a chair of otology and the donor, Geoffrey E. Duveen, intends to allocate a further £15,000 to University College Hospital to provide for the treatment of the deaf.

MR. GEORGE BLUMENTHAL, of New York, has made a gift of 250,000 francs to the University of Paris, to be used in the best interests of science and art.

DR. LEWIS HILL WEED has been named by the trustees of Johns Hopkins University as dean of the medical school. Dr. Weed, who is professor of anatomy, succeeds Dr. J. Whitridge Williams, who recently resigned to devote his time to the women's clinic of Johns Hopkins Hospital, of which he is director.

DEAN DAN T. GRAY, of the Alabama Polytechnic Institute, has been appointed Dean of the College of Agriculture and director of the Agricultural Experiment Station in the University of Arkansas. It is expected that Dean Gray will assume his new duties about January 1.

DR. CARL R. FELLERS has been appointed associate professor in charge of the newly established department of food preservation, University of Washington.