

Science, and in cooperation with the principal other biological societies. The meeting is under the auspices of the University of Cincinnati in whose building the sessions will be held.

Several papers on important biological subjects may be added to the morning program that is being arranged. Papers are not limited to any specific phase of the biological sciences, but should be of as general interest as may be. They should also be short. Members desiring to present papers should submit titles to the secretary before November 15, and should state the probable time required, and whether blackboard, chart space, lantern, etc., are needed.

A symposium on the general subject of "Morphogenesis" is being arranged for the afternoon, in cooperation with the Botanical Society of America and the American Society of Zoologists. Participation in the symposiums by Professors Harrison, Buller, Harper and others is assured.

The annual dinner, with the address of the president, Professor R. A. Emerson, will be given on Saturday evening.

Headquarters of the society will be at the Hotel Gibson.

Blank forms for the nomination of candidates for membership in the society may be obtained from the secretary. Attention is called to the rule that nominations must be in the hands of the executive committee at least a year before being acted upon. Accordingly, nominations to be voted upon in 1924 must reach the secretary before the close of the meeting of 1923.

A. FRANKLIN SHULL,
Secretary

UNIVERSITY OF MICHIGAN,
ANN ARBOR, MICHIGAN

THE MATHEMATICAL ASSOCIATION OF AMERICA

THE eighth annual meeting of the Mathematical Association of America will be held at the University of Cincinnati on Thursday and Friday, December 27-28, in affiliation with the American Association for the Advancement of Science, and the Chicago Section of the American Mathematical Society. On Friday afternoon there will be a joint session of the organizations, and on Friday evening there will be the usual joint dinner. At the first session of the association on Thursday afternoon, President Carmichael will deliver his presidential retiring address on the "Present state of the difference calculus and its prospect for the future." Other papers for this session and for the session on Friday morning will be announced in the full program which will be sent to members as usual early in December. At the joint session on Friday afternoon there will be addresses by Professor G. A. Miller as retiring chairman of Section A of the

American Association for the Advancement of Science on "American mathematics during three quarters of a century," by Professor A. B. Coble as retiring chairman of the Chicago Section "On the equation of the eighth degree," and by Professor L. E. Dickson on "Algebras and their arithmetics," by invitation of the Mathematical Association and of the Chicago Section.

Because of the Cincinnati meeting of the American Association for the Advancement of Science, our members will enjoy a reduced rate for these meetings, amounting to a fare and a half. This will thus afford an unusual opportunity for our members throughout the Middle West, as well as from points farther west and east.

The Hotel Sinton will be the headquarters for the members of the Mathematical Association.

W. D. CAIRNS,
Secretary

THE THORNDIKE MEMORIAL LABORATORY OF THE BOSTON CITY HOSPITAL

THE Thorndike Memorial Laboratory of the Boston City Hospital was formally opened on November 15. The dedication exercises were presided over by Dr. Henry S. Rowen, representing the board of trustees, and addresses were made by His Honor, James M. Curley, Mayor of Boston; Dr. William J. Mayo, of Rochester, Minnesota, and Dr. Townsend W. Thorndike, of Boston.

The new building was made possible by the bequest of the late Mr. George L. Thorndike, a merchant of Boston, who left his residuary estate to the trustees of the Boston City Hospital for the erection of a building which was to be equipped and supported by the city. The basement and ground floor are devoted to the X-ray department and the three upper floors form a division for clinical research. The second floor is a ward for nineteen beds, the majority being in single or double rooms, while the third and fourth floors contain laboratories for research in chemistry, physiology and biology.

The Boston City Hospital has at present about 1,200 beds and from this large number of patients selected groups will be taken to the Thorndike Memorial Laboratory for special investigation. The members of the laboratory staff will be in part men who are on salary and are devoting themselves largely or entirely to research work, and in part volunteer assistants who give approximately half time to research. The members of the staff at present are: Francis W. Peabody, director; Joseph T. Wearn, Thomas R. Buckman, Robert N. Nye, Henry Jackson, Jr., G. O. Broun, Percy B. Davidson, Elmer H. Heath, Donald S. King, Gulli Lindh Muller.

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