

president-elect is Frank H. Riddle, of Detroit, Mich.

Mr. Riddle finished his course at the Ohio State University in 1904 and since that time has had broad experience in the manufacture of art pottery, terra cotta and heavy clay products. He is at the present time consulting engineer and chief chemist of the Champion Porcelain Company and the Jeffery-DeWitt Insulator Company. For two years prior to the war, as well as during the war, he was a member of the technical staff of the Bureau of Standards. It was he, more than any one else, who developed the spark plug used in the aeroplane during the war. The spark plugs made prior to that time would not stand the high tension and were a source of disastrous breakdown. Mr. A. V. Bleining, then director of the Ceramics Division of the Bureau of Standards, assigned Mr. Riddle to this problem and with him made investigations of the composition and methods of manufacture that resulted in the spark plug of exceedingly low coefficient of expansion and of very high dielectric strength. Mr. Riddle has been associated with the society for several years and has been a member of the board of trustees for two years. The society has enjoyed a very large growth in membership under his direction as chairman of the membership committee.

The other members of the board of trustees for the coming year are:

E. W. Tillotson, Mellon Institute, Pittsburgh, Pa., *vice-president*.

R. K. Hursh, University of Illinois, Urbana, Ill., *Treasurer*.

R. C. Purdy, Columbus, Ohio, *General Secretary*.

R. H. Minton, General Ceramics Co., Metuchen, N. J., *Trustee*.

F. K. Pence, Knowles, Taylor & Knowles, East Liverpool, O., *Trustee*.

R. M. Howe, Mellon Institute, Pittsburgh, Pa., *Trustee*.

B. E. Salisbury, Onondaga Pottery Company, Syracuse, N. Y., *Trustee*.

#### THE ILLINOIS STATE ACADEMY OF SCIENCE

ONE of the most successful meetings ever held by the Academy of Science was the fifteenth annual meeting at Rockford on April 27, 28 and 29. A strong representation of members

attended, and the Illinois Branch of the Mathematical Association of America held its annual meeting in conjunction with the academy for the first time. Fifty-seven new members were elected to the academy; the treasurer's report showed a good balance on hand; members took part in presenting strong papers at the general and section meetings; and thus the academy affairs were shown to be in good condition.

Committees on membership, on ecological survey, on high school science and clubs and on publications gave interesting and encouraging reports.

The following resolution was adopted, and copies have been sent to all Illinois senators and representatives in Congress:

RESOLVED: (a) That the Illinois State Academy of Science records its earnest hope that in the tariff legislation now under consideration by the Congress of the United States, provision may be made for duty-free importation of scientific apparatus for the use of educational institutions,—a privilege that has contributed in no small degree to the wonderful progress made in science and its applications in the educational institutions of this country during the past few decades.

(b) That this resolution be spread on the minutes of the meeting and that certified copies of it be sent to the Senate and House committees by which the new tariff bill is being shaped up, and to each member now representing Illinois in the Senate and House of Representatives.

Another resolution was adopted urging the academy members to cooperate with other scientific organizations whose purpose it is to promote the use of the metric system of weights and measures, so that the public in general may become familiar with the advantages of this system, and so that proper legislation may be enacted. A committee on metric system was appointed to act on the above resolution.

The academy members were guests of the Rockford University Club at dinner April 27, and the Rockford Chamber of Commerce acted as hosts on one of the field trips April 29 down the beautiful Rock River Valley. A second field trip, taking two days, was conducted by H. S. Pepoon to Apple River Canyon. These geological and biological trips were much enjoyed.

The following officers were elected for 1922-1923:

*President:* W. S. Bayley, University of Illinois.  
*Vice-president:* W. G. Waterman, Northwestern University.

*Secretary:* C. Frank Phipps, State Teachers College, DeKalb.

*Treasurer:* W. F. Schulz, University of Illinois.

*Librarian:* A. R. Crook, State Museum, Springfield.

C. FRANK PHIPPS,  
*Secretary*

### THE THIRD INTERNATIONAL CONGRESS OF THE HISTORY OF MEDICINE

THE International Society of the History of Medicine was founded in Paris on October 8, 1921. It has for its object the study of the history of medicine in all its branches and the coordination of research work in these subjects. A permanent committee has been established in Paris consisting of delegates appointed by sections of the society in various countries.

The society meets in congress every three years, and it has been decided to hold the next meeting in London from July 17 to 22, 1922. Meetings will be held at the Royal Society of Medicine, the Royal College of Physicians, the Royal College of Surgeons, the Wellcome Historical Medical Museum and elsewhere. There will be special exhibitions of objects connected with the history of medicine, surgery and the allied sciences. The loan of any objects of special interest from members will be greatly appreciated by the executive committee.

Communications are invited from members on subjects connected with the history of medicine in all its branches. The following subjects have been suggested for communication and discussion, but are by no means intended to exclude papers on any subject of general interest in connection with the history of medicine:

1. The principal seats of epidemic and endemic diseases in the Occident and Orient in the Middle Ages, including plague, gangrenous ergotism, leprosy and malaria.

2. The history of anatomy.

3. The revival of medical knowledge during the sixteenth century.

Communications should be addressed to: The General Secretary, Dr. J. D. Rolleston, 21, Alexandra Mansions, King's Road, London, S. W. 3.

The other officers are: President of honor, Sir Norman Moore, Bart., M.D.; vice-presidents of honor, Sir D'Arey Power, K.B.E., F.R.C.S., Professor Ménétrier, Professor Jeanselme, Dr. Tricot-Royer; president of congress, Charles Singer, M.D.; treasurer, W. G. Spencer, O.B.E., M.S.

### SCIENTIFIC NOTES AND NEWS

THE Croonian lecture was delivered before the Royal Society on June 1, by Dr. T. H. Morgan, professor of experimental zoology in Columbia University. His subject was "The mechanism of heredity."

DR. ROSS G. HARRISON, of Yale University, has been elected an honorary member of the Royal Academy of Medicine of Turin.

DR. WILLIAM BATESON, F.R.S., director of the John Innes Horticultural Institution at Merton, Surrey, has been elected a trustee of the British Museum, to fill the vacancy caused by the death of Lord Harcourt.

AT the quarterly meeting of the Royal College of Physicians at Edinburgh it was resolved to offer its honorary fellowship to Professor Albert Calmette, of the Pasteur Institute, Paris, on account of his distinguished services to medical science.

THE University of St. Andrews will confer the degree of LL.D. on July 7 on Sir P. R. Scott Lang, emeritus professor of mathematics in the university; on Dr. G. R. Marshall, professor of materia medica, University of Aberdeen; and on Sir Harold J. Stiles, regius professor of clinical surgery, University of Edinburgh.

JOHN K. HAYWOOD, chairman of the Insecticide and Fungicide Board of the U. S. Bureau of Chemistry, recently completed a quarter of a century of service at the bureau, and was the recipient of a gold watch from his present and former colleagues.

T. M. BAINS, assistant professor of metallurgy at the Missouri School of Mines and Metallurgy at Rolla, Mo., has accepted the position of geologist with the Moctezuma Copper Company, Pilaes de Macodari, Sonora, Mexico.