

Mme. Curie set in motion the machinery of the new low temperature laboratory of the Bureau of Mines, which is dedicated to her.

The degree of LL.D. has been conferred on Mme. Curie by Smith College, and she received the same degree from the University of Pennsylvania at a special ceremony arranged in her honor on May 23. The Chicago Section of the American Chemical Society has awarded to her the Willard Gibbs Medal which will be presented at a formal banquet on June 14.

#### SCIENTIFIC NOTES AND NEWS

DR. EDWARD BENNETT ROSA, chief physicist of the Bureau of Standards, died suddenly on May 17, aged sixty years.

PROFESSOR S. C. PRESCOTT, the acting head of the department of biology and public health at the Massachusetts Institute of Technology, has sent a letter to the former students of the late Professor W. T. Sedgwick informing them of the establishment of a William T. Sedgwick Memorial Fund and asking for contributions of from five to one hundred dollars. The income of the fund will go to Mrs. Sedgwick during her life, after which the principal will go into the funds of the institute, where it will probably be used to establish a memorial professorship or some other project to encourage public health teaching and general sanitation.

PRESIDENTS of state academies of science have been elected as follows: Professor J. C. Jensen, University of Nebraska, of the Nebraska Academy of Science; Dr. D. W. Morehouse, of Drake University, of the Iowa Academy of Science; and Dr. Frank L. West, of the Utah Agricultural College, of the Utah Academy of Sciences.

DR. F. B. SUMNER, of the Scripps Biological Institution, at La Jolla, has been elected president of the San Jacinto Section of the Western Society of Naturalists.

PROFESSOR AUGUST KROGH, professor of physiology in the University of Copenhagen, recently awarded the Nobel Prize, and Dr.

Clemens von Pirquet, professor of children's diseases in the University of Vienna, have been appointed Silliman lecturers at Yale University. Dr. Krogh's lectures will be connected with his recent work on the physiology of capillaries, and those of Dr. von Pirquet on undernutrition, with reference to tuberculosis in children and its treatment.

A NUMBER of engineers of the United States will hold a joint meeting with British engineers in London in July. The American engineers will present Sir Robert Hadfield on June 29 with the John Fritz medal, awarded to him in recognition of his invention of manganese steel.

WE learn from *Nature* that Mr. J. E. Sears, Jr., has been appointed deputy warden of the standards in succession to Major P. A. MacMahon, who has retired under the age-limit. Mr. Sears is superintendent of the metrology department at the National Physical Laboratory, and will continue to hold this post in addition to that at the Standards Department of the Board of Trade.

IN recognition of the successful laboratory research accomplished by Dr. Esmond R. Long, of the department of pathology at the University of Chicago, on "The fundamental problems in the nutrition of the tubercle bacillus," the National Tuberculosis Association, with headquarters in New York, has appropriated \$4,000 for the further prosecution by Dr. Long of this work.

PROFESSOR W. H. STEVENSON, head of the department of farm crops and soils in the Iowa State College and chief in agronomy and vice-director of the Iowa Agricultural Experiment Station, has been granted a year's leave of absence to accept an appointment as the representative of the United States on the Permanent Committee of the International Institute of Agriculture at Rome, to succeed Dean Thomas F. Hunt, of the University of California. Dr. P. E. Brown will be the acting head of the department in Professor Stevenson's absence.

DR. MAURICE H. GIVENS has resigned as chief of the department of biochemistry in the research laboratories of the Western Pennsylvania Hospital, Pittsburgh, Pa.

MONSIEUR BÉHAL, professor in the Paris School of Pharmacy, has been elected a vice-president and president for 1922 of the Paris Academy of Medicine to fill the vacancy caused by the death of M. Bourquelot. Professor Béal has been a member of the Academy of Medicine since 1907, and was lately elected a member of the Academy of Sciences.

THE Council of the Institution of Civil Engineers has made the following awards for papers read and discussed during the session 1920-21: A Telford gold medal and a Telford premium to Mr. George Ellson (London); Telford gold medals to Sir Murdoch MacDonald (Cairo) and Dr. T. E. Stanton (Teddington); a George Stephenson gold medal to Mr. R. G. C. Batson (Teddington); a Watt gold medal to Mr. S. A. Main (Sheffield); and Telford premiums to Mr. Algernon Peake (Sydney, N. S. W.), Mr. L. H. Larmuth (London), Mr. H. E. Hurst (Cairo), Professor T. B. Abell (Liverpool), and Mr. Percy Allan (Sydney, N. S. W.).

THE observatory founded in 1913 by Sir Norman Lockyer and Lieutenant-Colonel F. K. McClean on Salcombe Hill, above Sidmouth, is henceforth to be called "The Norman Lockyer Observatory." It is proposed to place in the observatory a portrait of Sir Norman Lockyer, in the shape of a medallion, to be executed by Sir Hamo Thornycroft.

It is announced in *Nature* that the annual meeting of the British Medical Association will be held at Newcastle-upon-Tyne on July 15-23, under the presidency of Professor David Drummond. On the occasion of the president's address on July 19 the gold medal of the association will be presented to Sir Dawson Williams, editor of the *British Medical Journal* since 1898, in recognition of his distinguished services to the association and the medical profession. In connection with the annual meeting in 1922, to be held at Glasgow, Sir William Macewen, Regius professor of sur-

gery in the University of Glasgow, is announced as president-elect. The council of the association has recommended that the annual meeting in 1923 be held at Portsmouth.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE Connecticut legislature is being asked for \$625,000 for the State College, of which \$400,000 is for a new science building for the chemical, botanical, physics, and bacteriological departments. The remainder is for maintenance during the ensuing biennium, and would be an increase from \$150,000.

THE University of Virginia has received the promise of a gift of \$100,000 from the Carnegie Corporation of New York on condition that the money shall be used for the purposes of permanent endowment, and that it shall be payable after there has been raised not less than \$500,000 for permanent endowment from other sources.

PROFESSOR PAUL H. M.-P. BRINTON, head of the department of chemistry at the University of Arizona, has accepted appointment as professor of analytical chemistry in the school of chemistry at the University of Minnesota.

DR. CHARLES F. BROOKS, of the U. S. Weather Bureau, has been appointed associate professor of meteorology and climatology at Clark University.

DR. MEYER SOLIS-COHEN has been appointed assistant professor of internal medicine in the Graduate School of Medicine of the University of Pennsylvania.

DR. KLOTZ, of the chair of pathologic anatomy at the University of Pittsburgh, has accepted a call to the similar chair at São Paulo.

#### DISCUSSION AND CORRESPONDENCE

##### PRIMITIVE NOTIONS OF LIGHT

RELATIVE to Mr. Barton's "astonishment" (*SCIENCE*, April 15, page 364) that certain South American Indians do not recognize the sun as the source of daylight and his previous opinion that the Hibernicism,