

care and treatment of in-patients and out-patients with cancer or other neo-plastic disease.

For research into the causes, prevention and methods of diagnosis and treatment of cancer.

For the education of physicians, medical students, dentists and others in the various aspects of cancer.

SCIENTIFIC NOTES AND NEWS

THE seventy-eighth annual meeting of the National Academy of Sciences will be held in the building of the academy, 2101 Constitution Avenue, Washington, D. C., on April 28, 29 and 30. Arrangements have been made for members and guests to visit on Monday afternoon the new building for the National Gallery of Art and view the Mellon Collection of paintings and art objects recently put on exhibition for the first time.

THE annual general meeting of the American Philosophical Society will be held in the Hall of the Society, Independence Square, Philadelphia, on April 24, 25 and 26.

DR. LINUS PAULING, head of the division of chemistry and chemical engineering at the California Institute of Technology, received on March 7 the 1941 William H. Nichols Gold Medal of the New York Section of the American Chemical Society at a joint dinner at the Hotel Pennsylvania of the section and the Society of Chemical Industry. The medal was presented in recognition of his "fundamental inquiry into the nature of the chemical bond" by Professor Arthur W. Hixson, of Columbia University, chairman of the jury. Professor Paul H. Emmett, of the Johns Hopkins University, spoke on "Linus Pauling—The Man," and Professor Joseph E. Mayer, of Columbia University, on "The Work of the Medallist." Dr. Pauling delivered the annual medal address on "The Structural Chemistry of the Future." Dr. Robert Calvert, chairman of the section, presided.

THE Joseph A. Capps Prize of \$400 for 1940 of the Institute of Medicine of Chicago has been awarded to David N. Danforth, of the Medical School of Northwestern University, for his investigation of "The Anatomy of Labor as Revealed by Frozen Sagittal Sections of the Macacus Rhesus Monkey and of Man."

The *News Edition* of the American Chemical Society reports that recipients of the Harvey W. Wiley memorial awards to students for 1940 have been announced by the Association of Official Agricultural Chemists. Julius James Denzler, Purdue University, received the first award of \$300. To Peter C. Duisberg, Pennsylvania State College, the second award of \$200. A. Zuckerman, McDonald College, was awarded the third prize of \$100. The object of the

It is provided that the city will appoint the members of the clinical and other professional staff of the hospital upon nomination of the university, except such appointments as are made under the rules of the Municipal Civil Service Commission.

awards is to stimulate undergraduates to enter the field of chemistry in its relation to agriculture and to encourage research upon problems within the scope of the association's activities.

GEORGE H. PRING, of the Missouri Botanical Garden, St. Louis, has been awarded the Thomas Roland Medal of the Massachusetts Horticultural Society.

THE award of the Wollaston Medal of the Geological Society, London, to Dr. Arthur L. Day was announced last week in *SCIENCE*. Other medals were awarded as follows: The Murchison Medal to Dr. Murray Macgregor, of H. M. Geological Survey (Scotland); Lyell Medal to Mr. Ernest Sheppard Pinfold; the Bigsby Medal to Dr. C. J. Stubblefield, of H. M. Geological Survey; the Wollaston Fund to Dr. K. P. Oakley, of the British Museum (Natural History); the Murchison Fund to Dr. John Weir, of the University of Glasgow; a moiety of the Lyell Fund to Mr. W. Eltringham; another moiety of the Lyell Fund to Dr. F. S. Wallis, of the Bristol Museum and Art Gallery.

DR. FREDERICK J. CONBOY, a past president of the Canadian Dental Association and a professor of the dental faculty of the University of Toronto, was recently elected mayor of Toronto.

ALL officers of the Chemist Advisory Council, New York City, have been reelected. These are Dean William T. Head, of the School of Chemistry of Rutgers University, *president*; Dr. Gustavus J. Esselen, of Boston, *vice-president*; R. Bhagwat, of New York, *secretary*, and Dr. Robert T. Baldwin, of New York, *treasurer*.

PROFESSOR FREDERICK G. REYNOLDS, chairman of the department of mathematics of the College of the City of New York, has resigned as secretary of the faculty after thirty-two years of service. Dr. Reynolds will retire from the chair of mathematics in June, when he will have reached the age of seventy years.

DR. W. C. COFFEY, since 1921 dean and head of the department of agriculture of the University of Minnesota, has been elected acting president of the university. He will take up office on July 1, when Dr. Guy Stanton Ford, who succeeded the late Lotus D. Coffman in 1938, will retire.

DR. J. D. STRANATHAN, since 1921 a member of

the department of physics and astronomy of the University of Kansas, since 1934 professor of physics, will become chairman of the department at the end of the present academic year. He will succeed Professor Frederick E. Kester, who will retire from the chairmanship after serving for thirty-two years. Dr. Kester will remain as professor of physics on full time.

GORDON FREDINE has been appointed associate in the department of forestry and conservation of the Agricultural Experiment Station at Purdue University, effective on April 1. He will have charge of research in wild life management and conservation. Since 1936 he has been biologist in charge of wild life management and conservation for the Minnesota Department of Conservation. Charles M. Kirkpatrick, of the University of Wisconsin, has been appointed instructor in wild life management and conservation in the School of Agriculture and assistant in the Agricultural Experiment Station.

DR. MERRILL MOORE has been appointed medical director of the Washingtonian Hospital in Boston, an institution founded in 1858, for the study and treatment of alcoholism. Recently it has been reorganized, with a psychiatric staff, and its program has been enlarged to include research on as well as treatment of alcoholism.

DR. W. BISHOPP, economic geologist of the Government of British Guiana, has been appointed director of the Geological Survey of Eire.

DR. W. J. HAMILTON, JR., of the department of zoology of Cornell University, has become a member of the editorial board of *Mammalogy*.

A. C. BOYLSTON, since 1922 a director and since 1925 vice-president and general manager of the Mallinckrodt Chemical Works, St. Louis, Mo., has been made president of the company, succeeding the late Oscar L. Biebinger. Mr. Boylston has been with the company for thirty-two years as research chemist, plant superintendent and general manager.

RICHARD M. HITCHENS has been promoted from group leader in the Organic Chemicals Division of the Research Department of the Monsanto Chemical Company, St. Louis, to be assistant research director. He succeeds Dr. Russell L. Jenkins, who recently became director of research for the Phosphate Division.

DR. HENRY FIELD, curator of physical anthropology at the Field Museum of Natural History, Chicago, has been granted leave of absence from the museum to accept a temporary assignment in the Library of Congress, Washington, D. C. Dr. Field will work on a project in connection with the southwestern Asiatic division of the library.

THE United States Mission to Great Britain, the object of which is to gather information on British progress in scientific warfare, left the United States on February 15, under the leadership of Dr. James Bryant Conant, president of Harvard University. On March 3 the following scientific men sailed from New York to join the mission in London: Dr. W. Weaver, director of the division of natural sciences of the Rockefeller Institute for Medical Research; Edward J. Poitras, of the Mount Palomar Observatory of the California Institute of Technology, and Dr. Kenneth T. Bainbridge, associate professor of physics at Harvard University. It is planned to maintain a continuing scientific mission in London, sending replacements from time to time. A secretary of the mission, however, will remain in London indefinitely.

PROFESSOR ERIK ASPLUND, of the department of botany of the Natural History Museum of Stockholm, Sweden, is making a visit to the United States after two years in Ecuador and Peru, where he collected plants for the museum. He expects to return to Sweden as soon as arrangements can be made.

DR. WALTER J. MEEK, professor of physiology at the University of Wisconsin, will deliver the sixth Harvey Society lecture of the current series at the New York Academy of Medicine on March 20. He will speak on: "Some Cardiac Effects of the Inhalant Anesthetics and the Sympathomimetic Amines."

PROFESSOR G. H. PARKER, of Harvard University, lectured on March 4 at the New School for Social Research, New York City, on "The Transmission of Nervous and Other Messages throughout the Body," and on March 6 he delivered before the Columbia University Chapter of Sigma Xi an address on "Nervous Activities and Animal Color Changes."

DR. CHAS. E. KELLOGG, chief of the Division of Soil Survey in the Bureau of Plant Industry and president of the Soil Science Society of America, spoke at Iowa State College, on March 3 and 4. He discussed "Great Soil Groups and Cultural Patterns."

DR. DERWENT STAINTHORPE WHITTLESEY, associate professor of geography at Harvard University, gave lectures on the Richard P. Westbrook Foundation of the Wagner Free Institute of Science, Philadelphia, on March 7, 8 and 9, at 8 o'clock in the evening. His subject was "Geography and Its Influence on History." The titles of the separate lectures were: "An Inquiry into the Relation between Geography and History," "Interrelations of Geography and History in Critical Historical Movements" and "Interrelations of Geography and History in Terms of Environmental Conditions."

THE thirty-sixth annual meeting of the American Association of Museums will be held at Columbus, Ohio, on Thursday and Friday, May 15 and 16.

THE regular spring meeting of the Pennsylvania Academy of Science will be held at Coatesville, Pa., on April 11 and 12. Further information can be obtained from the secretary, Dr. V. Earl Light, Lebanon Valley College, Annville.

THE twenty-fifth anniversary of the establishment of the Graduate College of Iowa State College will be celebrated on March 31. There will be an address by Dr. Frank Aydelotte, director of the Institute for Advanced Study at Princeton, who will speak on "Liberal Knowledge and Exact Scholarship." Following this address the anniversary dinner will be held. Among the speakers will be Dean Fernandus Payne, of Indiana University, who will discuss "Graduate Work—Its Future"; Dean George D. Stoddard, of the State University of Iowa, whose subject will be "The Scientist—a Look to the Future"; President C. E. Friley and Dean R. E. Buchanan, of Iowa State College. Dr. Buchanan has held the position of dean of the graduate college since its establishment.

THE International College of Surgeons will hold its fifth International Assembly in Mexico City from August 10 to 14, under the presidency of Dr. Fred H. Albee, of New York City, in response to the invitation of the Mexican Government. In connection with the assembly there will be scientific exhibits of advances in surgery and commercial demonstrations of equipment. Surgeons in the United States desiring information in regard to the presentation of papers or scientific exhibits are requested to query Dr. Desiderio Roman, chairman of the Scientific Committee, 250 South 17th Street, Philadelphia. Those seeking travel information are advised to communicate with Dr. Max Thorek, International Executive Secretary, 850 West Irving Park Boulevard, Chicago. Surgeons from other countries should address the member of the Scientific Committee nearest to them. These include: Dr. Manuel Manzanilla, Mexico City; Dr. Jose Arce, Buenos Aires; Dr. Oswaldo Campos, Rio de Janeiro; Dr. Rudolph Nissen, Istanbul, Turkey; Drs. Raffaele Paolucci and Mario Dogliotti, Italy; Dr. Felix Mandl, Jerusalem; Dr. Y. Seuderling, Helsinki, Finland; Dr. Arnold Jirasek, Prague, and Dr. J. C. McCracken, Shanghai.

A SYMPOSIUM on the history and biochemistry of the atmosphere will be held at 9:15 A.M. on Saturday, April 5, 1941, in Room 126 of the Osborn Zoological Laboratory of Yale University. Professor A. E. Parr, director of the Peabody Museum and professor of oceanography at the university, will preside. The following program has been arranged: Dr. Rupert

Wildt, Princeton University, "The Geochemistry of the Atmosphere and the Constitution of the Terrestrial Planets"; Dr. Emanuel G. Zies, Geophysical Laboratory, Carnegie Institution of Washington, "The Influence of Volcanic Activity on the Atmosphere"; Dr. G. A. Riley and Dr. G. Evelyn Hutchinson, Yale University, "The Carbon Metabolism of the Earth and Some Related Biological Problems." Adequate time will be given to informal discussion.

APPLICATIONS for the Walter Rathbone Bacon traveling scholarship for the study of the fauna of countries other than the United States should be addressed to the secretary of the Smithsonian Institution not later than June 1. The application should contain a detailed plan for the proposed study, including a statement as to the faunal problems involved; the reasons why it should be undertaken; the benefits that are expected to accrue; the length of time considered necessary for the carrying out of the project; the estimated cost; and the scientific and physical qualifications of the applicant to undertake the project. The scholarship will be awarded for a term of two years and may be renewed. All collections, photographs, records and equipment become the property of the institution. The incumbent shall not engage in work for remuneration or receive salary from other sources during the period of occupancy of the scholarship.

APPLICATIONS for grants from the Cyrus M. Warren Fund of the American Academy of Arts and Sciences should be received by the chairman of the committee, Professor Frederick G. Keyes, of the Massachusetts Institute of Technology, Cambridge, not later than May 1. Grants are made to assist research in the field of chemistry. On account of limited resources, grants to an individual are seldom made in excess of \$300. The application should be accompanied by an account of the research to be undertaken, a statement of the amount requested, and the manner in which the money is to be spent.

A WIRELESS dispatch from London to *The New York Times* dated February 21 reads: "The British Association for the Advancement of Science has announced that it has decided to join with American scientists in preparing 'a democratic charter of science' to be observed by scientists throughout the world. The first principle laid down will be that the fellowship of the commonwealth of science has 'service to all mankind as its highest aim and the whole world as its outlook.' The charter will not recognize any barriers of race, creed or class. Sir Richard Gregory, past-president of the British association, has submitted a preliminary charter to his organization and it will be considered by a committee including himself, H. G. Wells, Professor Alan Ferguson, Professor Hyman Levy and Ritchie Calder."