

to his sick room, and said, "The next great step in the development of the California Institute is to get Max Mason, who has resigned his position as president of the Rockefeller Foundation, to come out here and join the staff of the California Institute of Technology as vice-chairman of the Observatory Council to take over a large share of the responsibility of this enormous enterprise of the 200-inch telescope and some other related undertakings which the institute must assume. I understand full well the difficulties which we are having at present to keep our budget balanced, but I know a way to handle that situation. I am getting a larger salary than I need, and I want you to take what it costs to get Mason here out of my present income."

As a result of that act I may announce to-day that beginning next October Dr. Max Mason joins the permanent staff of the California Institute of Technology, and takes his place upon its Executive Council. All this in the face of the fact that Dr. Noyes's personal life-long devo-

tion was to his chosen field of chemistry, the depth of that devotion and interest being attested by the fact that when we opened his will the day after his death we found that (save for some minor bequests) he had left all that he had, some \$150,000, to the California Institute to be devoted exclusively to research work in pure chemistry by men who had already obtained the doctorate in chemistry or had received the equivalent training. Do you wonder that I feel that the atmosphere of mutual assistance and self-forgetting cooperation toward a great ideal which has been created here and which is to-day the most priceless asset of this institution is largely the legacy of the mind and the soul of Arthur A. Noyes? We can not pay the debt which we owe to him by any words of eulogy or praise. "It is rather for us to be here dedicated to the great task remaining before us," that the spirit and ideals and accomplishments of Arthur A. Noyes shall not perish from the earth.

SCIENTIFIC NOTES AND NEWS

THE honorary degree of the University of Paris was conferred on August 12 on Dr. George David Birkhoff, Perkins professor of mathematics and dean of the faculty of arts and sciences at Harvard University.

THE *Bulletin* of the American Mathematical Society calls attention to the fact that Professor Oskar Bolza, of the University of Freiburg, who taught for twelve years at the Johns Hopkins University, Clark University and the University of Chicago, took his doctor's degree at the University of Göttingen on June 28, 1886, fifty years ago. Congratulations were forwarded to him by the Deutsche Mathematiker-Vereinigung and the American Mathematical Society.

DR. HARRY H. LAUGHLIN, of the Carnegie Institution, Cold Spring Harbor, N. Y., was among those awarded an honorary doctorate in medicine on the occasion of the celebration of the five hundred and fiftieth anniversary of the University of Heidelberg.

THE University of Wales has conferred the honorary doctorate of science on Dr. A. A. Read, emeritus professor of metallurgy, University College, Cardiff.

ON the occasion of the retirement of M. Marcellin Boule as director of the Institute of Human Paleontology and professor of paleontology in the Museum of Natural History, Paris, a medal, the work of A. de Jaeger, will be presented to him by his colleagues and students.

DR. JEAN SABRAZÈS, professor of pathological anatomy and clinical microscopy in the University of Bordeaux, has been elected correspondent of the Section of Medicine and Surgery of the Paris Academy of Sciences, in succession to the late Professor Léon Frédéricq.

WE learn from *Nature* that Dr. Emil Abderhalden, professor of physiology and director of the Physiological Institute of the University at Halle, has been elected an honorary member of the Society of Biological Chemists at Bangalore.

DR. W. R. DODSON, formerly dean of the College of Agriculture of the Louisiana State University and more recently connected with the Federal Experiment Station at Jeanerette, will join the faculty of the department of agronomy at the university. The honorary degree of doctor of science was conferred on Dr. Dodson at the commencement ceremonies on August 6, which brought to a close the summer session. In conferring the degree, President James M. Smith stated that it was given in recognition of his "forty years of service to the youth of the State of Louisiana as a teacher and leader in agriculture, as an organizer of the forces for the development of better agricultural conditions in the South, and for launching the movement that resulted in the establishment of the Louisiana State University on its present site."

PROFESSOR R. B. HARVEY, director of the Florida Citrus Research Laboratory at Dunedin, Fla., on sabbatical leave from the University of Minnesota for a year, has been elected president of the American Society of Plant Physiologists for the year 1936-37. Dr. O. F. Curtis, professor of plant physiology, Cornell University, Ithaca, has been elected vice-president.

DR. FRANK H. LAHEY, of Boston, was elected at the recent meeting in Chicago president-elect of the American Society for the Study of Goiter.

DR. MONROE E. FREEMAN, assistant professor of agricultural and biological chemistry in the University of Maine, has become research professor of chemistry

at the experiment station of the Massachusetts State College.

At the University of Washington the following promotions in the department of physics have been made: From associate professor to professor, Dr. Henry L. Brakel; from assistant professor to associate professor, Joseph E. Henderson and Donald H. Loughridge; from associate to instructor, Llewellyn A. Sanderman.

Dr. ARTHUR WORMALL has been appointed from October 1 to the university chair of biochemistry in the University of London, tenable at St. Bartholomew's Hospital Medical College. He has been since 1933 senior lecturer in biochemistry in the University of Leeds.

Dr. CARL E. LADD, dean of the New York State College of Agriculture at Ithaca and head of the Governor's agricultural advisory committee, has been named chairman of the New York State Planning Board to succeed Provost A. R. Mann, who has resigned.

New staff members of the Truesdail Laboratories, Inc., Los Angeles, have been appointed as follows: Dr. C. E. P. Jeffreys, California Institute of Technology, will serve as research chemist and bacteriologist. Dr. Jeffreys, for the past two years, has been a research assistant in biochemistry under a grant from the Rockefeller Foundation for Medical Research. Miss Marion G. Sharp, a graduate student from the University of California at Berkeley, is to serve as nutritionist in charge of animal experimentation, and Irving G. Halpern, University of Southern California, as chemist.

Dr. WILEY D. FORBUS, professor of pathology at the School of Medicine of Duke University, has been elected to serve on the National Board of Medical Examiners as chairman of the Division of Pathology. He succeeds as member of the board Dr. Howard T. Karsner, of the School of Medicine of Western Reserve University.

RESEARCH with pantothenic acid at Oregon State College will be carried out under the direction of Dr. Roger J. Williams under the provision of a three-year grant of \$20,000 made by the Rockefeller Foundation. Dr. John H. Truesdail, for two years on the research staff of the du Pont rayon plant at Buffalo, N. Y., and Dr. Harry J. Weinstock, a graduate student at the University of Illinois, will assist Dr. Williams. One more staff member and two graduate assistants may be appointed later.

A GRANT has been awarded by the Committee on Scientific Research of the American Medical Association to Professor Carl A. Dragstedt, of the North-

western University Medical School, for a continuation of his work on experimental anaphylaxis.

Dr. W. H. CAMP, of the New York Botanical Garden, has returned after spending two months of field study and collecting in the southern Appalachians, principally in the Blue Ridge of Virginia and the Great Smoky Mountains of Tennessee. His collections include more than 4,000 specimens.

DELEGATES from three more nations have been appointed to attend the World Power Conference to be held in Washington from September 7 to 12, bringing the number of nations participating to fifty. These are: R. J. Harvey, consulting engineer, from New Zealand; Luis Schlesinger Carrera, engineer, from Guatemala, and Wouter Cool, general secretary of the Royal Institution of Engineers, from the Netherlands East Indies.

THE third International Congress for Study of Light will be held in Wiesbaden, from September 1 to 7, under the presidency of Dr. W. Friedrich, Berlin.

THE fifteenth International Congress for Hydrology, Climatology and Medical Geology will be held at Belgrade, from September 25 to 29.

THE International Seed Testing Congress, which met this year at Stockholm, has accepted an invitation to hold the seventh congress in Washington, D. C., in 1937.

THE Omaha Section of the American Chemical Society announces that it will sponsor the next (fourteenth) Midwest regional meeting of the society. Sessions will be held in Omaha from April 29 to May 1. It is expected that the meeting will be of interest to those chemists of the Middle West who will not find it possible to attend any of the next three national meetings of the society, which will convene in the East (Pittsburgh, Chapel Hill, N. C., and Rochester, N. Y.). Divisional sessions are being tentatively planned in agricultural chemistry, biochemistry, chemical education, industrial chemistry, organic chemistry and in physical and inorganic chemistry. Several symposia are planned, including one on "Eggs" sponsored by the agricultural division. Additional information may be obtained by writing to the general convention secretary, Dr. Nicholas Dietz, Jr., School of Medicine, Creighton University, Omaha.

THE Prime Minister of England has nominated the following official delegates to represent the government at the third World Power Conference and Second Congress of the International Commission on Large Dams of the World Power Conference to be held concurrently in Washington between September 7 and 12: Lord Falmouth, vice-president, Conjoint Conference

of Public Utility Associations; N. G. Gedy, British delegate to the International Commission on Large Dams of the World Power Conference; T. Hardie, director, Gas Light and Coke Company; J. M. Kennedy, electricity commissioner; Dr. F. M. Lea, senior scientific officer, Building Research Station, Department of Scientific and Industrial Research; C. H. Merz, member, British National Committee of the World Power Conference; Sir Archibald Page, chairman, Central Electricity Board; C. Rodgers, deputy director, British Electrical and Allied Manufacturers' Association; Dr. F. S. Sannatt, director of Fuel Research, Department of Scientific and Industrial Research; E. T. Williams, assistant director of Electrical Engineering, Admiralty. There are 64 British members of the conference and congress; including ladies who will accompany the members, the total British party will exceed 100.

AMONG bills passed in the final week of Congress was one awarding a medal to Lincoln Ellsworth for his work in the Antarctic. The bill includes the first official recognition of the area claimed there for the United States. The law authorizes the President "to present a gold medal of appropriate design, with accompanying distinctive ribbon, to Lincoln Ellsworth, noted American explorer and outstanding pioneer in exploratory aviation in the Arctic and in Antarctica, for claiming on behalf of the United States approximately 350,000 square miles of land in Antarctica between the 80th and 120th meridians west of Greenwich, representing the last unclaimed territory in the world, and for his exceptionally meritorious services to science and aeronautics in making a 2,500-mile aerial survey of the heart of Antarctica, thus paving the way for more detailed studies of geological, meteorological and geographical questions of world-wide importance and benefit."

THE electors of the professorship of social anthropology at the University of Oxford propose shortly to proceed to an election of a professor. Candidates are requested to send in their names, with eight copies of any statement, references and testimonials that they may think desirable to submit, so as to reach the registrar not later than September 19. A fellowship without emolument at All Souls College is tenable during the tenure of the professorship. The stipend of the professorship will be £1,200 a year. According to the university statutes the duties of every professor shall include "original work by the professor himself and the general supervision of research and advanced work in his subject and department. The professor shall reside within the university during six months at least in each academical year, between the first day of October and the ensuing first day of August, and shall

lecture or hold classes in each term during that period. He shall give, or hold, not less than thirty-six lectures, or classes, in each academical year, of which not less than twenty-eight shall be lectures. His lectures or classes shall extend over a period not less in any term than six weeks and not less in the whole than twenty weeks, and in two of the three terms he shall lecture or hold classes, at least twice a week in each of six weeks."

ACCORDING to *The Experiment Station Record*, the University of Maryland plans to establish an Institute of Transport. A collection of books on highway education now at the University of Michigan and an exhibit of road-making machinery and models have been contributed by their owner, Dr. Charles Henry Davis, who is also undertaking to raise through private sources a fund of \$500,000 for a museum building which will serve temporarily as an administration building for the institute.

THE University of Cincinnati has received a gift that in five years will amount to \$55,000 from Mrs. Louise Fleischman Yeiser to establish in the college of medicine the Craig Yeiser Memorial Fund in Preventive Medicine. She will give \$10,000 a year for five years and an additional \$5,000 for equipment to carry on research in preventive medicine in memory of her sons who died in 1935 of pneumonia.

AN enlarged laboratory named in honor of Professor G. E. Stone, of the Massachusetts State College, was dedicated in Stamford, Conn., on July 20, at the sixth scientific meeting of the Bartlett Tree Research Institute. Dr. Stone, who was a pioneer in shade tree research in this country, was present to reply to Dr. E. P. Felt's address of dedication. The day's program included talks and discussions on the care and protection of shade trees, followed by a clam-bake in the evening.

ACCORDING to the *Journal* of the American Medical Association the U. S. Patent Office has recently issued to the Wisconsin Alumni Research Foundation two patents on the isolation and purification of the gonadotropic hormones of the anterior pituitary gland. These patents were on the application of Frederick L. Hisaw, Ph.D., and Harry L. Fevold, Ph.D., Madison, and were assigned by them to the Wisconsin Alumni Research Foundation. The foundation announces that although it contributed in part to the development of this research through grants in aid, it will administer these patents in a way designed to benefit the public without thought of any financial return other than that required to safeguard and control proper use of the products. Under these conditions Dr. Hisaw and Dr. Fevold will not receive any pecuniary reward for their discoveries.