

### DR. ALBERT EINSTEIN

THE sixtieth birthday of Dr. Albert Einstein occurred on March 14.

He said:

My birthday affords me the welcome opportunity to express my feelings of deep gratitude for the ideal working and living conditions which have been placed at my disposal in the United States. I am also very happy over

the prospects of becoming an American citizen in another year. My desire to be a citizen of a free republic has always been strong and prompted me in my younger days to emigrate from Germany to Switzerland.

What distinguishes a true republic is not only the form of its government but also the deeply rooted feelings of equal justice for all and of respect for the person of every individual.

## SCIENTIFIC NOTES AND NEWS

THE National School of Biological Sciences of Mexico recently opened with appropriate ceremonies a new laboratory of entomology, which is named in honor of Dr. Leland O. Howard, chief of the U. S. Bureau of Entomology from 1894 to 1927 and principal entomologist of the U. S. Department of Agriculture from 1927 to 1931, when he retired. Ambassador Josephus Daniels made an address in which he outlined Dr. Howard's career.

DR. HENRY NORRIS RUSSELL, research professor of astronomy and director of the observatory of Princeton University, and Professor A. Pictet, of Geneva, have been elected associates of the section of mathematical and physical sciences of the Royal Academy of Belgium.

PROFESSOR HARLOW SHAPLEY, director of the Harvard Observatory, has received the Bruce medal of the Astronomical Society of the Pacific in recognition of his "distinguished services to astronomy."

M. BERNARD LYOT, of the Meudon Observatory, to whom the Gold Medal for 1939 of the Royal Astronomical Society has been awarded, will deliver the George Darwin Lecture before the society on May 12.

THE James Alfred Ewing Medal of the Institution of Civil Engineers has been awarded to Professor A. H. Gibson, professor of engineering in the University of Manchester.

THE James Scott Prize of the Royal Society of Edinburgh was presented to Professor P. A. M. Dirac, Lucasian professor of mathematics at the University of Cambridge, at a meeting of the society on February 6, when he delivered an address entitled "The Relation between Mathematics and Physics."

THE Cameron Prize of the University of Edinburgh for 1939, the value of which is about £200, has been awarded to Dr. Gerhard Domagk, of the Institute for Experimental Pathology and Bacteriology, I. G. Farbenindustrie, Elberfeld, Germany, "in recognition of his discoveries which initiated the treatment of diseases of bacterial origin by compounds belonging to the sulphonamide group."

DR. ALEXANDER SILVERMAN, head of the department

of chemistry in the University of Pittsburgh, has been elected a member of the French Association of Scientific and Technical Ceramics.

THE University of Cincinnati Chapter of Sigma Xi has elected the following officers: *President*, Dr. Glenn E. Cullen, professor of biochemistry and director of laboratories of the Children's Hospital Research Foundation; *Vice-president*, Dr. Frederick O'Flaherty, director of the Leather Research Laboratory of the University of Cincinnati; *Secretary-treasurer*, Dr. Saul B. Arenson, professor of inorganic chemistry, University of Cincinnati.

DR. HAROLD PERCIVAL HIMSWORTH, deputy director of the Medical Unit at University College Hospital, has been appointed to the university chair of medicine, tenable at University College Hospital Medical School, University of London.

DR. C. D. DARLINGTON has been appointed to succeed Sir Daniel Hall as director of the John Innes Horticultural Institution, Merton.

DR. F. L. GOLLA, professor of the pathology of mental disorders at the University of London, has been appointed director of the new Burden Neurological Institute in the grounds of Stoke Park, near Bristol. The building comprises laboratories for biochemical, physiological and endocrinological research, together with two observation wards each containing ten beds. The institution will be opened by Sir Thomas Inskip early in May.

H. W. GRAHAM, general metallurgist of the Jones and Laughlin Steel Corporation, Pittsburgh, has been elected chairman of the executive committee of the Industrial Research Institute to succeed Robert B. Colgate, of New York. H. Earl Hoover, vice-president of The Hoover Company, Chicago, Ill., was elected vice-chairman. New members of the committee are: L. W. Wallace, of Chicago, Ill., director of engineering and research for the Crane Company, and F. W. Blair, of Ivorydale, Ohio, chemical director of the Procter and Gamble Company.

DR. GEORGE C. SHATTUCK, clinical professor of tropical medicine at the Harvard Medical School, has

been reelected president of the Massachusetts Health Council.

DR. GEORGE D. OBERLE, formerly an agent for the U. S. Department of Agriculture, has been appointed associate in research in pomology at the New York State Agricultural Experiment Station at Geneva.

THE Committee on Scientific Research of the American Medical Association has made a grant to Dr. George Herrmann, of the Medical School of the University of Texas, for continuation of his study of the physical and chemical changes in heart muscle under varying experimental conditions, and to Dr. Charles Weiss, director of the Research Laboratories of the Mount Zion Hospital, San Francisco, to permit him to continue his researches on the immunology of staphylococcus infections.

DR. PHILIP C. JEANS, professor of pediatrics at the College of Medicine of the State University of Iowa, has received a grant of \$7,500 from the Borden Company for the continuation of his investigations in infant nutrition. This grant was made available through the Council for Pediatric Research of the American Academy of Pediatrics.

PROFESSOR C. L. SHEAR, who retired in 1935 as principal pathologist in charge of mycology and disease survey of the Bureau of Animal Industry at Washington, is spending three months at the Citrus Experiment Station of the University of California working on the classification of fungi.

DR. ERNEST E. IRONS, formerly dean of the Rush Medical College of Chicago, and Dr. Peter Bassoe, professor of neurology, lectured recently at the School of Tropical Medicine at San Juan, Puerto Rico.

THE John Howard Appleton lecture at Brown University will be given on March 25 at 8:15 P.M. by Dr. J. E. Lennard-Jones, professor of theoretical chemistry at the University of Cambridge and fellow of Corpus Christi College. He will speak on "The Structure of Liquids."

DR. STEPHEN W. RANSON, director of the Neurological Research Institute of the Medical School of Northwestern University, gave the Charles R. Bardeen Memorial Lecture at the University of Wisconsin on February 8.

DR. CARL D. ANDERSON, associate professor of physics at the California Institute of Technology at Pasadena, gave a Sigma Xi address at the Louisiana State University on March 13. His subject was "Cosmic Rays and New Elementary Particles of Matter."

SIR ALDO CASTELLANI, visiting professor of preventive medicine and public health at the School of

Medicine of the Louisiana State University, gave two lectures before the students and faculty of the School of Medicine of Yale University on February 28. He discussed "Medical Organization in Tropical Expeditions" and "Mycetes and Mycoses."

PROFESSOR S. LEFSCHETZ has returned from a trip to Belgium, where he lectured on general topics of topology and algebraic geometry, under the auspices of the Belgium American Educational Foundation, at the Universities of Brussels, Ghent, Liège and Louvain.

DR. R. B. STOLTZ, chairman of the department of dairy technology of the Ohio State University, lectured on March 9 before the Lancaster Branch of the American Association for the Advancement of Science. The lecture was entitled "Dairying Down Under" and was illustrated by colored motion pictures and slides of Australia and New Zealand.

A SYMPOSIUM on "The Social Function of Science" was given on the evening of March 10 at a meeting at the American Museum of Natural History of the New York Chapter of the American Association of Scientific Workers. The speakers were: Dr. Franz Boas, professor emeritus of anthropology, and Walter Rautenstrauch, professor of mechanical engineering, both of Columbia University; Dr. Morris Meister, principal of the Bronx High School of Science, and Dr. Vilhjalmur Stefansson, the Polar explorer.

A SERIES of summer conferences on astronomy will be held at the Harvard College Observatory from July 5 to August 15. The program will include courses on stellar astronomy and the following seminars: "Survey of Modern Problems in Celestial Mechanics," "Stellar Structure and Stellar Variability," "Hollow Square Conferences," "Conferences on Special Problems," "Distribution and Motions of the Stars." There will also be opportunities for research under guidance in the fields of stellar statistics, astrophysics, eclipsing binaries and photoelectric photometry. In addition to members of the faculty, the following visiting lecturers will take part in the conferences: Dr. Svein Rosseland, of the Institute of Theoretical Astrophysics, Oslo; Dr. Jan Oort, of the University Observatory, Leyden; Dr. Freeman D. Miller, of Denison University; Dr. Zdenek Kopal, of the University of Prague; Dr. Richard A. Prager, of Berlin, and Dr. E. F. Freundlich, of Prague.

THE eighteenth International Congress of Anthropology and Prehistoric Archeology and the eighth session of the International Institute of Anthropology will be held at Istanbul, Turkey, from September 18 to 25. The general secretary for the congress is Professor Muzaffer Göker, dean of the faculty of languages, history and geography at Ankara, Turkey.

THE Museums Association of Great Britain will hold its fiftieth annual meeting from July 3 to 8 at Cheltenham. The council of the association has invited the American Association of Museums to be officially represented at this meeting. Members of the American association who may be able to attend are requested to communicate with the president or the director. Among the speakers at the meeting will be Lord Amulree, president of the Royal Society of Arts; Sir Robert Witt, chairman of the National Art Collections Fund; Sir Evan Charteris, chairman of the Standing Commission on Museums and Galleries; Arundell Esdaile, president of the Library Association; and E. Foundoukidis, secretary-general of the International Museums Office. Entertainment will include a reception by the mayor of Cheltenham; a reception by Viscount Bledisloe, president of the Museums Association, and Lady Bledisloe; an association reception and dance; and excursions to the Cotswolds on July 7 and to other places of interest near Cheltenham on July 8.

THE twenty-second annual Canadian chemical convention will be held this year in London, Ontario, from June 5 to 8. T. A. Faust, president of Yocum-Faust, Ltd., is the chairman of the local committee, with J. A. Gunton, head of the department of chemistry, University of Western Ontario, as vice-chairman. There will also be meetings of the Industrial and Engineering Section, the Pure Chemistry Section, the Biochemical and the Agricultural Chemistry Section, the Food and Cereal Section and the Chemical Education Section of the American Chemical Society. A new section, Metallurgy and Mining, will be inaugurated. Special attention will be given to a discussion of the possibilities of the wider and better utilization of agricultural products for chemical and industrial purposes, in line with the recently established Chemurgic Council of the Canadian Chamber of Commerce.

ACCORDING to the *Journal* of the American Medical Association property valued at nearly a million dollars was recently given to the City of Atlanta by Dr. Luther C. Fischer, including the Crawford W. Long Memorial Hospital, established in 1908 by Dr. Fischer and the late Dr. Edward C. Davis. Dr. Fischer gave also his 138-acre estate in Chamblee to the same board of trustees, who will handle the hospital for the public. Ten acres of the estate are planted in roses; the gardens are endowed with \$200,000 for maintenance. Dr. Fischer stipulated that the hospital must be operated for the benefit of families of modest means, those who are unable to pay the standard costs of hospitalization and unwilling to accept charity, but who will pay what they are able.

THE Rockefeller Foundation has appropriated £650 as a grant to the Cavendish Laboratory for the purchase of instruments and for assistance in connection with researches carried out by the Cavendish professor of experimental physics on the application of x-ray technique to the study of crystals of biological importance.

THE House Appropriations Committee recommended on March 8 the sum of \$160,578,905 to finance the work of the Department of the Interior, including the Reclamation Service, the Indian Service, the National Parks maintenance, the Geological Survey and the Office of Education. An increase of \$35,000 was recommended for the Bureau of Mines to permit it to carry on experimental and research work in connection with the production of metallic magnesium on the ground that it is valuable for aircraft construction. Some of the principal items in the bill included \$50,622,600 for the Reclamation Service, \$3,293,000 for the Geological Survey, \$2,325,760 for the Bureau of Mines, \$20,434,282 for the National Park Service, \$16,264,100 for vocational education and \$34,132,003 for the Bureau of Indian Affairs. Among other items in the bill is an appropriation of \$1,070,000 for the Government-owned reindeer industry in Alaska.

THE Carnegie Corporation of New York has made a gift to the American Association of Museums to provide grants-in-aid for foreign travel and study during the year 1939 by members of the staffs of museums: whose principal duties are of a professional nature; whose salary is not over \$3,000; who have not the private means to travel abroad; whose duties in their museums would not normally give them such opportunities; and to whom their institutions will give at least two months' leave on full pay for the travel for which the grant is made. These grants are for traveling expenses to places where the applicant will have an opportunity to broaden his background by familiarizing himself with the institutions, collections or regions of importance in the study of his particular professional subjects. It is planned that the average grant will not exceed \$500 except under most unusual circumstances, and that it will not amount to as much as \$1,000 in any case. All applications should be sent to the director of the American Association of Museums, Smithsonian Institution, Washington, D. C., before April 15.

THE Westinghouse Electric and Manufacturing Company has agreed to provide support for the science and engineering clubs of the American Institute of the City of New York for three years. The clubs provide an opportunity for young persons of high-school age to take part in scientific work.