

an obelisk, from the upper part of which the features of Moissan emerge from the solid stone, while on the side are sculptured diagrammatic representations of his electric furnace and of the apparatus with the help of which he isolated fluorine, with quotations from his writings. Discourses were delivered under the direction of Professor Behal, representing the minister of public instruction. The first three were by the president of the organizing committee, by the mayor of Meaux, and by the president of the old students' association of the College of Meaux; the others were by M. Lebeau, the assistant and colleague of Moissan, representing the friends and students who had worked in Moissan's laboratory, by Professor Hönigschmid, of Munich, who was a former student of Moissan, on behalf of the foreign delegates and by Professor Behal on behalf of the government.

RECENT DEATHS

DR. SAMUEL RAYMONDS PARSONS, professor of physics at the University of Arkansas for the last eight years, died on October 10. He was forty-three years of age.

DR. JAMES SIMPSON CHESTER WILLS, metallurgical engineer, at one time adjunct professor of analytical

chemistry at Columbia University, died on October 29, aged eighty years.

DR. SAMUEL MATHER, pioneer in the development of the iron mining and steel industries and the Great Lakes shipping fleets, has died at the age of eighty years.

DR. JOHN J. DUNPHY, specialist in pediatrics and instructor of pediatrics at the Harvard Medical School and Tufts Medical School, died on October 13 at the age of thirty-eight years.

MR. JAMES LONG, formerly professor of dairy farming at the Royal Agricultural College in Cirencester, died on October 1. Mr. Long was eighty-five years of age.

MR. J. W. TAYLOR, of Leeds, England, known for his work on conchology, died on September 2 at the age of eighty-seven years.

THE death is announced of Dr. Josef Bayer, director of the division of anthropology and prehistory in the State Museum of Natural History in Vienna, and editor of the journal *Eiszeit*.

PROFESSOR GUIDO HOLZKNECHT, head of the Vienna Roentgen Institute, died on October 30 at the age of sixty years.

SCIENTIFIC EVENTS

APPROPRIATIONS FOR GRANTS-IN-AID BY THE NATIONAL RESEARCH COUNCIL

AT its meeting in October the National Research Council's committee on grants-in-aid made grants for the support of research as follows:

To Thomas B. Brown, professor of physics, George Washington University, cathodofluorescence; E. Hobart Collins, professor of physics, Parsons College, the resonance radiation of mercury.

To H. F. Moore, professor of engineering materials, University of Illinois, the effect of repeated stresses on nickel-chromium steels under high temperatures.

To W. L. Beuschlein, professor of chemical engineering, University of Washington, the hydrogenation of coal in various dispersion media; Richard Bradfield, professor of soils, and W. G. France, professor of chemistry, Ohio State University, size distribution in soil particles; Samuel C. Lind, director of the school of chemistry, University of Minnesota, the chemical reactions produced in gases and other dielectrics by passage of electrical discharge; James W. McBain, professor of chemistry, Stanford University, development of an ultra-centrifuge.

To Harold L. Alling, professor of geology, University of Rochester, the optical properties of feldspars; Julia Gardner, geologist, U. S. Geological Survey, Eocene faunas of northern Mexico; Elbridge C.

Jacobs, professor of geology and mineralogy, University of Vermont, installation of a seismograph at the University of Vermont; E. M. Kindle, chief, division of paleontology, Geological Survey of Canada, a bibliographic index of North American Devonian fossils; Asa A. Lee Mathews, assistant professor of geology, Oberlin College, Paleozoic stratigraphy and paleontology of Giles County, Virginia; Joseph T. Singewald, Jr., professor of economic geology, the Johns Hopkins University, petrographic investigations of rock specimens from the Andes of central Peru.

To J. McA. Kater, assistant professor of zoology, Washington State College, the functional significance of mitochondria; Reginald D. Manwell, assistant professor of zoology, Syracuse University, avian malaria; W. D. Salmon, research professor of animal nutrition, Alabama Polytechnic Institute, the relation of vitamin B to carbohydrate metabolism; Bruce Webster, assistant professor of medicine, Tulane University School of Medicine, the nature of a goiter-producing substance found in cabbages.

To Alan A. Boyden, assistant professor of zoology, Rutgers University, serological study of the early development of the chick; E. B. Copeland, research associate in the department of botany, University of California, the Old World species of the fern genus *Trichomanes*; Berwind P. Kaufmann, professor of

botany, University of Alabama, chromosome structure in several plant genera; Harold Kirby, Jr., associate professor of zoology, University of California at Berkeley, protozoa of termites; C. L. Turner, professor of zoology, Northwestern University, fishes of the Mexican plateau.

To J. E. Coover, professor of psychology, Stanford University, analysis of expert performance in typing; Warren K. Moorehead, director of the department of archeology, Phillips Academy (Andover), classification of stone-cutting tools of the American Indians of the United States and Canada; S. L. Pressey, professor of educational psychology, and L. C. Pressey, assistant professor of educational psychology, Ohio State University, emotional attitudes and interests among certain tribes of American Indians; Ruth Sawtell Wallis, assistant professor of sociology, Hamline University, cranial types of western Europe.

VERNON KELLOGG,
Secretary

THE NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

ACCORDING to the *U. S. Daily*, facilities of the Langley Memorial Laboratory of the National Advisory Committee for Aeronautics were made available to members of the nation's aircraft industry on October 22 when the committee at its regular annual meeting passed a resolution favoring such action.

Use of the laboratory for test purposes will be permitted, providing the individual pays the expense, the resolution provided. This action was taken, it was explained orally at committee headquarters, in order that test projects not of general interest to the industry, yet capable of being carried out only at the Langley laboratory, might be conducted for the benefit of individual manufacturers.

Results of such experimental and test work will be turned over to the person requesting the test, it was agreed, but in the discretion of the committee may also be published for general distribution.

Rear Admiral William A. Moffett, chief of the bureau of aeronautics, Department of the Navy, extended the committee an invitation to inspect the new naval airship *Akron*. Considerable research work on airships was conducted by the National Advisory Committee for Aeronautics at Langley Field in conjunction with building of this dirigible.

The committee also adopted a testimonial resolution on the death of Dr. Samuel W. Stratton, late president of Massachusetts Institute of Technology, former director of the Bureau of Standards, one of the three organizers of the committee and a member of the research group since its formation.

Dr. Joseph S. Ames was reelected as chairman and Rear Admiral David W. Taylor (retired) as vice-

chairman. The executive board which was elected consists of Dr. Ames, Admiral Taylor, Dr. Charles G. Abbot, Dr. George K. Burgess, Major General James E. Feechet, Mr. William P. MacCracken, Jr., Brigadier General Henry C. Pratt, Admiral Moffett, Captain Arthur B. Cook, U. S. N., Mr. Edward P. Warner and Mr. Orville Wright.

THE DOHME FOUNDATION AND NA- TIONAL FELLOWSHIPS AT THE JOHNS HOPKINS UNIVERSITY

IN the first lecture of the 1931-32 series under the Dohme Foundation, given at the Johns Hopkins University on October 23, Dr. Leo Hendrik Baekeland, honorary professor of chemical engineering at Columbia University, addressed the faculty and students of the department of chemistry. Under the title, "My Mistakes," the lecture dealt with the fortunate accidents which have contributed to Dr. Baekeland's long and successful career in chemical research and industry, describing from the speaker's personal experience the adjustments that must be made by a man who carries the spirit of pure research into the industrial field.

The lecture was followed by a dinner given in honor of Dr. Baekeland by the students under the national fellowship plan, in connection with which the Dohme Foundation lectures are conducted. This furnished the first occasion of the academic year for a formal gathering of these students, who now number thirty-one. The new incumbents of national fellowships are: Philip G. Ackerman, from Oregon State Agricultural College, on the American Can Company fellowship for Oregon; C. Gerald Albert, from Yale University, the Mary Carroll Garvan memorial fellowship for Connecticut; R. Keith Blakely, from the University of New Mexico, the Chemical Foundation fellowship for New Mexico; Kenneth W. Brighton, from the University of Utah, American Can Company fellowship for Utah; Harold G. Burman, from Dakota Wesleyan University, Chemical Foundation fellowship for South Dakota; Lawton A. Burrows, from Drury College, William R. Warner and Company fellowship for Missouri; Clayton W. Ferry, from the University of North Dakota, John M. Hancock fellowship for North Dakota; William P. Hall, from Occidental College, American Can Company fellowship for California; Arnold L. Lippert, from the University of Illinois, Central Scientific Company fellowship for Illinois; Robert J. Myers, from Creighton University, Cudahy Packing Company fellowship for Nebraska; James L. Nauman, from Cornell College, G. A. Pfeiffer Company fellowship for Iowa; Charles C. Rainey, from Emory University, Coca-Cola Company fellowship for Georgia.

Subsequent lecturers for this year under the Dohme