

During the war he was technical attaché to the American Embassy in Paris. In March, 1935, he was appointed chairman of a committee to advise the Navy Department on design and construction of airships with respect to general stability.

He is a life member and gold medalist of the American Society of Naval Engineers. He is a fellow of the Royal Aeronautic Society, a past-president of The American Society of Mechanical Engineers and a member of the National Academy of Sciences, the American Physical Society, the Society of Naval Architects and Marine Engineers and Société Technique Maritime.

Dr. Durand was graduated from the United States Naval Academy in 1880, obtained the degree of doctor of philosophy from Lafayette College in 1888 and received an honorary doctorate of laws from the University of California in 1927. He is now professor emeritus of mechanical engineering at Stanford University.

The Daniel Guggenheim Medal was established in 1928 and placed under the sponsorship of The American Society of Mechanical Engineers and the Society of Automotive Engineers jointly, each of which appoints four members of the Board of Award. The president of the 1934-35 board, which awarded the medal to Dr. Durand, was Major E. E. Aldrin, of The Standard Oil Company of New Jersey, and Arthur E. Nutt, of the Wright Aeronautical Corporation, was vice-president.

Previous recipients of the medal were Orville

Wright, of the United States; Ludwig Prandtl, of Germany; Frederick William Lanchester, of England; Juan de la Cierva, of Spain; Jerome Clarke Hunsaker and William E. Boeing, of the United States.

ALFRED D. FLINN,
Secretary

RECENT DEATHS

DR. EDWIN BRANT FROST, director emeritus of Yerkes Observatory and professor emeritus of astrophysics at the University of Chicago, died on May 14 in his sixty-ninth year.

DR. MARSHALL HOWARD SAVILLE, professor of American archeology at Columbia University, died on May 7 at the age of sixty-seven years.

DR. LUCIAN W. CHANEY, formerly professor of biology at Carleton College and from 1908 until his retirement in 1930 statistical expert of the U. S. Department of Labor, died on May 6 at the age of eighty-seven years.

CHARLES THOMAS LUPTON, consulting geologist at Denver, Colo., died suddenly on May 8, at the age of fifty-seven years.

DR. WILHELM KOLLE, privy councillor and director of the State Institute for Experimental Therapy and of the Chemico Therapy Research Institute, at Frankfurt, died on May 10 at the age of sixty-six years. Dr. Kolle succeeded Paul Ehrlich at the Franklin Institute in 1915.

SCIENTIFIC NOTES AND NEWS

DR. FRANK B. MALLORY, until his retirement in 1932 professor of pathology at the Harvard Medical School, editor of *The American Journal of Pathology*, was awarded the George M. Kober Medal by the Association of American Physicians at the recent Atlantic City meeting. The presentation was made by Dr. James Ewing, of the Cornell University Medical College.

THE Mendel Medal, awarded annually by Villanova College for research by a scientific man who is a Roman Catholic, was presented on May 7 to Dr. Francis Owen Rice, professor of chemistry at the Johns Hopkins University. The Very Rev. Edward V. Stanford, president of the college, made the presentation at a faculty dinner with an attendance of about two hundred.

THE laboratory award of \$5,000 offered by Mead, Johnson and Company has been divided, one half being given to Dr. S. B. Wolbach, of Harvard University, for his "basic work on the pathology of avitaminosis A and his investigations on the regeneration of

epithelial tissue impaired by vitamin A deficiency, and the relationship of vitamin A to the integrity of the teeth"; and one half to Dr. Karl E. Mason, of Vanderbilt University, for "distinguishing exactly between the pathology of avitaminosis A and avitaminosis E, and for his contribution to the quantitative relationship of vitamin A deficiency to the keratinization of germinal epithelia." The award of \$15,000 to be given "to the investigator or group of investigators producing the most conclusive research on the vitamin A requirements of human beings" has been postponed until December 31, 1936.

Nature reports that the August Forel Foundation of the German Academy of Sciences at Halle, which is to award a prize every two years for researches in the subjects in which Forel was specially interested (eugenics, the alcohol problem, study of ants and the central nervous system), has made its first award to Dr. Graf, who is head of the department of industrial physiology at the Kaiser Wilhelm Institute of Dortmund.