

ERNEST WILLIAM BROWN, SC.D.

*Professor Phelps:* Professor Brown was born at Hull, England, and received in 1887 his B.A. degree at Christ's College, Cambridge, where two centuries earlier an English poet paid a compliment to Galileo. Professor Brown has won many prizes and is a member of learned societies in America and abroad. In 1891 he became professor of mathematics at Haverford, where he remained until 1907, when he was called to Yale. He became professor emeritus in 1932. His publications on lunar theory and celestial mechanics have given him an international reputation and have added to the glory of Yale. His *Tables on the Motion of the Moon* is a monumental work and has brought him a blizzard of degrees, medals, prizes and honors. He is an excellent chess player and an amateur humorist of high reputation. In his youth he expected to be a concert pianist, but later took up the music of the spheres. His versatility is additionally shown in that, although he is a specialist on the moon, in the year 1925 in the city of New Haven he arranged a personally conducted total eclipse of the sun.

*Dr. Angell:* In grateful and affectionate acknowledgment of the luster shed upon her by your brilliant scientific achievement during a long and distinguished service on her faculty, Yale University gladly confers upon you the degree of Doctor of Science, admitting you to all its rights and privileges.

HUGH SMITH CUMMING, LL.D.

*Professor Phelps:* Born in Virginia, taking his degree of Doctor of Medicine at the University of Virginia, Dr. Cumming was appointed Assistant Surgeon in the United States Public Health Service in 1894, and became Surgeon-General in 1920. In earlier years he made creditable contributions in the field of public health research, particularly in regard to the sanitary conditions of the shell-fish industry, but his finest achievements have been during the last thirteen years, in the administration of Public Health Service. When he took control it was a rather undistinguished organization; he gradually transformed it into an institution of which our country is proud, an institution equalled perhaps in no other country except England. Benchwarmers have been progressively lifted and their places taken by able investigators, with the result that during the last five or six years substantial and far-reaching contributions have been made in the study of such nutritional diseases as beriberi, in the investigation of tularemia, Rocky Mountain spotted fever and endemic typhus; in studies on silicosis, and other aspects of industrial hygiene; also in the field of pure science, where researches in the chemical composition of sugars have attracted attention. All these tech-

nical remarks simply mean that Dr. Cumming is a first-rate citizen.

*Dr. Angell:* Eminent representative of a noble profession, essential architect and builder of the Public Health Service of the United States, everywhere recognized as one of the most beneficent of all agencies dedicated to the public weal, in grateful recognition of the intelligence, devotion and skill which you have brought to your duties, Yale University confers upon you the degree of Doctor of Laws, admitting you to all its rights and privileges.

### THE CHICAGO MEETING

THE notable meeting of the American Association for the Advancement of Science and the associated societies, which opened in Chicago on June 19 and continues to June 30, will be fully reported in SCIENCE. The meeting was held on the invitation of the Century of Progress Exposition, which, together with the American Association, invited as guests a number of the most distinguished foreign men of science. Those who accepted the invitation and took part in the general sessions and conferences are the following:

OTTO APPEL, Agriculture, Berlin  
 F. W. ASTON, Chemistry, Cambridge  
 JOSEPH BARCROFT, Physiology, Cambridge  
 A. MENDELSSOHN BARTHOLODY, Political Science, Hamburg  
 JAKOB BJERKNES, Meteorology, Bergen  
 NIELS BOHR, Physics, Copenhagen  
 FILIPPO BOTTAZZI, Physiology, Naples  
 LUDWIG DIELS, Botany, Berlin  
 JEAN DUFRÉNOY, Agriculture, France  
 LEOPOLD FEJÉR, Mathematics, Budapest  
 ENRICO FERMI, Physics, Rome  
 A. P. M. FLEMING, Engineering, Manchester  
 R. GOLDSCHMIDT, Zoology, Berlin  
 HERBERT J. GOUGH, Engineering, London  
 SIR DANIEL HALL, Agriculture, London  
 A. V. HILL, Physiology, London  
 C. U. A. KAPPERS, Anthropology and Physiology, Amsterdam  
 WOLFGANG KOEHLER, Psychology, Berlin  
 AUGUST KROGH, Zoology, Copenhagen  
 TULLIO LEVI-CIVITA, Mathematics, Rome  
 EMILIO MIRA, Psychology, Barcelona  
 WILLIAM OUALID, Political Economy, Paris  
 HENRI PIERON, Psychology, Paris  
 J. J. SEDERHOLM, Geology, Helsingfors  
 CHARLES E. SPEARMAN, Psychology, London  
 T. SVEDBERG, Chemistry, Upsala  
 R. J. TILLYARD, Entomology and Paleontology, Australia

## SCIENTIFIC NOTES AND NEWS

DR. HARVEY CUSHING, who recently retired as Moseley professor of surgery at Harvard University and surgeon-in-chief at the Peter Bent Brigham Hospital, has been appointed first Sterling professor of

neurology at Yale University. The chair has been founded through a gift of \$300,000 from the estate of John W. Sterling.

DR. JAMES FRANCK, professor of physics at the