

technical and theoretical classes for the training of apprentices in the works. He showed his further interest by founding the Paul Scholarship, which is administered by the Institution of Electrical Engineers, for enabling young students to enter the works of a scientific instrument firm for two years training.

Paul interested himself in several societies and served on the councils or boards of the Institution of Electrical Engineers, the Institute of Physics and the Physical Society. He acted as treasurer of the last-named Society during 1935-38 and as vice-president during 1939-42. He had also served the Royal Institution as a manager and a vice-president. He was awarded the sixteenth Duddell Medal by the Physical Society in 1938.

Mention should be made of the admirable collection of electrical instruments that he assembled at the Royal Albert Hall in 1931 for the Faraday Centenary Exhibition. Many of the exhibits were constructed under his direction, several with his own hands.

In his prime, Paul had immense energy and a great capacity for getting things done. With it all, he had a dry sense of humour and an attractive personality. The wreath sent by the Cinema Veterans 1903 Society for his funeral was inscribed: "The first Englishman to produce and exhibit a Cinematograph Film".

R. S. WHIPPLE.

WE regret to announce the following deaths:

Dr. Edgar Allen, professor of anatomy at Yale University School of Medicine, aged fifty.

Prof. A. A. Boon, emeritus professor of chemistry at Heriot-Watt College, Edinburgh, on April 2, aged seventy-six.

Prof. Gary N. Calkins, emeritus professor of protozoology in Columbia University, on January 4, aged seventy-three.

Lieut.-Colonel E. Kitson Clark, president during 1931-32 of the Institution of Mechanical Engineers, and during 1921-22 of the Institution of Locomotive Engineers, on April 15, aged seventy-six.

Dr. Albert Hassall, bibliographer and formerly assistant chief of the Zoological Division, U.S. Bureau of Animal Industry, on September 18, aged eighty-one.

Dr. J. E. Ives, for many years physicist to the United States Public Health Service, aged seventy-seven.

Prof. A. Lloyd James, University professor of phonetics, School of Oriental and African Studies, London, aged fifty-eight.

Prof. Heinrich Zwicky, professor of veterinary medicine at the Zurich faculty of veterinary medicine.

NEWS and VIEWS

Mr. P. I. Dee, F.R.S.

MR. P. I. DEE, whose appointment to the chair of natural philosophy at the University of Glasgow was announced in *NATURE* of April 17, has for the past twenty years been one of the most outstanding of the younger physicists at Cambridge; first as student, then as teacher and research worker. From Marling School, Stroud, Mr. Dee entered Sidney Sussex College in 1922 as entrance exhibitioner. In 1925 he obtained a first class in Part I of the Natural Sciences Tripos and was elected scholar of his College. In the following year he gained a first in physics in Part II of the Tripos, was elected research scholar at Sidney and started work under Prof. C. T. R. Wilson at the Solar Physics Observatory. For several years after this, Mr. Dee's work continued to be mainly on the Wilson cloud chamber, and it gained him in 1928 a Taylor research fellowship (at Sidney) and in 1930 the Stokes studentship, which required his emigration to Pembroke. On the expiry of his tenure of this studentship in 1934, his own College reclaimed him with the award of a full fellowship (without teaching duties). Meanwhile, the University of Cambridge had appointed him demonstrator and then lecturer in the Cavendish Laboratory. Here, for a period, he was responsible for the teaching in the advanced practical class, and in 1937 he took over the organization of research in the High Voltage Laboratory, in which, at the outbreak of the War, he had just succeeded in bringing the second (2-million volt) Philips set into operation. When this set comes to be re-assembled and work restarted, when the War ends, his colleagues at Cambridge will miss his leadership more than brief words can convey. Mr. Dee was elected to the Royal Society's fellowship in 1941.

Prof. C. A. Elvehjem

THE thirty-second Willard Gibbs Medal, the highest award of international scope which the Chicago Section of the American Chemical Society can bestow, has been given to Prof. C. A. Elvehjem, professor of biochemistry in the University of Wisconsin. In 1928, Prof. Elvehjem with his associates received wide recognition for work involving trace elements in nutrition. They discovered that copper is essential to the formation of haemoglobin. Later their studies revealed the place of a number of metals in nutrition, such as iron, manganese and aluminium. While at Cambridge, Prof. Elvehjem conducted studies on tissue respiration which have since been applied to the study of vitamin functions. Use of nicotinic acid in the prevention and cure of pellagra and other deficiency diseases have developed from Prof. Elvehjem's discovery. The role of nicotinic acid in animal nutrition has also been developed. He is now conducting studies on the newer members of the growing family of B vitamins.

Institute of Fuel: New President

DR. E. W. SMITH has been elected president of the Institute of Fuel for the session 1943-44, and will take office in October next. Dr. Smith has been well known in the fuel world for many years, having been chief chemist at the Birmingham Corporation Gas Department for several years before becoming technical director of the Woodall-Duckham Companies some twenty years ago. In 1941 he was appointed by Sir Andrew Duncan, then president of the Board of Trade, as director-general of gas supply in Great Britain, a position he continued to hold when the Government interests in the gas industry