



Jesse W. M. DuMond

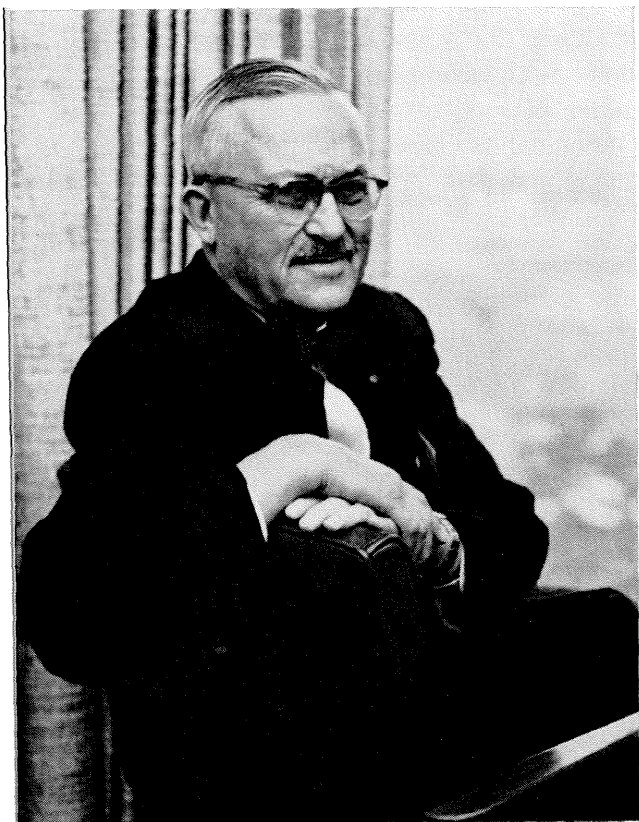
Retiring

Retiring this month: Jesse W. M. DuMond, professor of physics; Paul D. V. Manning, professor of chemical engineering and Arthur H. Warner, executive director of Caltech's Industrial Associates.

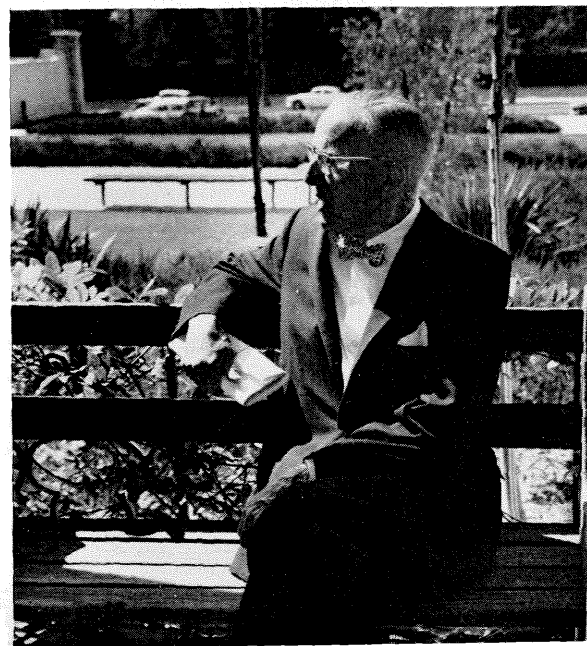
Dr. DuMond, who received his BS from Caltech in 1916 and his PhD in 1929, is a leading authority on the precise value of the physical constants and in the field of x-ray and gamma-ray spectra. He began his career as an electrical engineer in industry, and at the National Bureau of Standards, and soon became interested in fundamental physics. One of his early contributions concerned the analysis and theory of powerful x-ray spectrometers. He has built several such instruments and used them to make accurate measurements and precision studies of x-rays.

Paul D. V. Manning received his MS from Caltech in 1917, the first man from Caltech to earn a degree higher than the bachelor's. A specialist in the fields of chemical engineering and research administration, he joined the Caltech faculty in 1958 after retirement from his position as senior technical vice president of International Minerals and Chemical Corporation in Chicago.

Dr. Warner came to Caltech in 1962 from the Aerospace Corporation, after having established that firm's Atlantic Missile Range Office at Cape Canaveral. A graduate of the University of Colorado, he received his PhD in physics from Caltech in 1927 and for 28 years was on the UCLA faculty.



Arthur H. Warner



Paul D. V. Manning