

processes in complex molecular gases. Legvold's students figured prominently in the 110 scientific papers that he published during his career. He was active in research just prior to his death.

CLAYTON A. SWENSON
DOUGLAS K. FINNEMORE
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Iowa State University

John F. Noxon

John F. Noxon, leader of the Optical Aeronomy Program of the Aeronomy Laboratory of NOAA in Boulder, died on 19 January 1985.

Noxon was born in Pittsfield, Massachusetts, on 7 July 1928, and received his PhD in physics from Harvard University. He joined the Aeronomy Laboratory as a senior scientist in 1972, coming from Harvard's Blue Hill Observatory, where he was associate director.

Noxon pioneered studies of airglow and its relationship to atmospheric waves, spectroscopic measurements of atmospheric ozone on the Earth, Mars and Venus, spectroscopic studies of stratospheric trace gases (including the first observation of NO_3), and measurements of the global distribution of stratospheric NO_2 . Noxon was an adventurer and explorer throughout his scientific career, obtaining observations from aircraft flights over the North Pole, ship cruises in the Southern Hemisphere, and from sites that included Alaska, Peru, Hawaii and Greenland. His sense of discovery was not restricted to science. He had a lifelong interest in mountaineering and made two climbing trips in the Nepal Himalayas and an ascent of Mt. McKinley in his student days.

ELDON E. FERGUSON
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Omer Kaymakçalan

Omer Kaymakçalan of Syracuse University died on 22 February 1985 at the age of 30. A native of Ankara, Turkey, Kaymakçalan earned his PhD from the University of California at Berkeley, working for Stanley Mandelstam, and went to Syracuse University in November of 1981 as a research associate in high-energy particle theory. He worked on several problems of current interest: proton decay, the implications of the axial anomaly for vector mesons and an effective Lagrangian for supersymmetric quantum chromodynamics. More recently he worked on finding the absolute minima of $\text{SO}(10)$ -invariant Higgs potentials. □



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