

course of his research on the absorption of x rays by solids, he realized that the small-angle scattering of x rays by fine particulates could be used to determine the size and fine structure of the particles. As a result of his research, small-angle x-ray scattering is now widely used in both the physical and the biological sciences. This technique proved especially useful in studies of the structure of biological macromolecules in solution. His innovative instrumentation and analysis set the standards for the emerging biophysical studies. He and three of his former students wrote a definitive review of the field of small-angle x-ray scattering for the *Handbuch der Physik* (1959).

Beeman was an outstanding teacher both in the classroom and in the supervision of thesis students. Thirty-five students received their PhDs under his guidance. Almost all of them have had distinguished careers; many of them continued work in the areas he developed.

His advice was sought by his friends and students. Discussions with him were always enlivened by his incisive comments and his subtle sense of humor.

H. H. BARSCHALL  
PAUL KAESBERG

University of Wisconsin-Madison

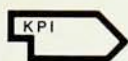
## Lawrence W. Davis

Lawrence W. Davis, professor of physics at the University of Idaho, died on 29 January 1987.

Davis was born in 1930 and received his BS degree from Pomona College in 1952, where he played guard on the football team for four years. He received his MS degree from the Caltech in 1956, and his doctorate from Stanford University in 1961.

Davis worked as a project engineer for the quantum electronics group of the Philco Corporation, in California, and as a senior scientist with the Interface Corporation after graduating from Stanford. He later taught at the University of California at Berkeley before moving to Idaho in 1968. He also served with the US Army for two years during the Korean War.

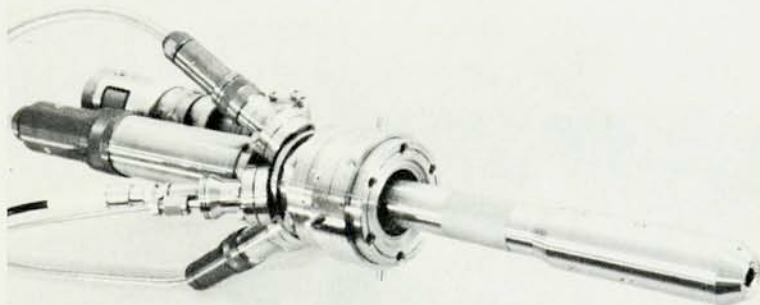
At Idaho Davis initiated a research program in laser spectroscopy and in the general area of propagation of electromagnetic fields. He was awarded a visiting fellowship to the Joint Institute for Laboratory Astrophysics in Boulder, Colorado, in 1981-82, where he participated and contributed to research in laser optics. He was active in antinuclear protests and used his laser experience to disseminate information regarding the SDI program. □



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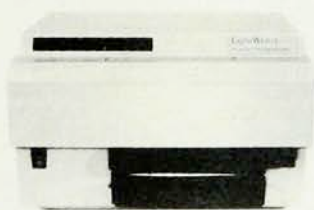
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