

**H**ellmuth Etzold, veteran member of the AES, and a professor in the Department of Electrical Engineering at the University of Rhode Island, died recently after an illness in Wakefield, Rhode Island, at the age of 68.

Etzold was born in Germany and was educated at the University of Leipzig. He completed his doctoral work in physical chemistry at the University of Freiburg. Much of his professional life was spent in the fields of audio and acoustics. He headed the Sound Film And Motion Picture Technique Section of the German Forschungsgessellschaft Fuer Funk und Tonfilmtechnik; he was "Privatdozent" and chief engineer with the Department of Technical Acoustics at the Technical University of Berlin; and he was research engineer with the American Foundation for the Blind. In 1963 Etzold joined the URI faculty as a special lecturer. In 1965 he became associate professor and later earned the rank of professor.

He was a senior member of the IEEE and also belonged to the Acoustical Society of America, the American Institute of Physics, the Society of Motion Picture and Television Engineers, Groupement des Acousticiens de Langue Francaise and Deutsche Kinotechnische Gesellschaft. Etzold was active on many committees on standardization in the fields of audio and electroacoustics. He acted as a U.S. delegate to several meetings of the International Electrotechnical

Commission. During his lifetime he held 33 U.S. and foreign patents.

His career was a varied one. In addition to his interest in chemistry, music and acoustics, he strongly believed in engineering education and the need for understanding the basic principles on which electrotechnology is based. His insistence on precise measurements and measuring techniques and the interpretation and presentation of experimental results had a profound influence on the careers of many students. During his professional life he did considerable research and consulting in the fields of audio and acoustics. His sabbatical was spent in France at the Laboratoire de Physiologie Acoustique, CNRZ-IRNA, Jouy en Josas.

Behind the man of science was a teacher with a fine sense of humor. His passing will create a void among those who came to know him well. His students will miss this dedicated teacher and interesting personality.

**R**onald G. Bowen died recently in Denver, Colorado, at the age of 67. Most of his career in audio was spent as a manufacturer's representative, specializing in audio equipment. During World War II he was assigned chief of the special equipment branch of the Signal Corps Engineering Laboratories at Fort Monmouth, New Jersey. In 1976 Bowen became a life member of the AES.

**J**ohn C. Curry, AES member, died recently in California at the age of 53. After receiving a B.S. degree in electrical engineering in 1954 from Pacific States University, Curry began working in the design and maintenance of audio equipment. He then became a junior engineer at Ampex Audio Inc. in Sunnyvale, California, where he worked in the design and construction of audio products. Later he joined the Audiotronics Corporation, Pasadena, California.

**R**ichard Hilbert died recently in Canada at the age of 55. An associate member of the AES, he spent much of his career as a recording technician for Crawley Films Ltd. and for Valley Audio Visual Ltd. He was later employed by the Government of Canada, Agriculture Department. He was also an associate member of the SMPTE.

**W**ayne Wainwright, AES member, died recently in Santa Clara, California, at the age of 65. The father of eight children, Wainwright worked as a sound electronics engineer for much of his professional life. Until his death, he was Western regional manager of RTS Communications in Burbank. He is survived by his widow, Anne, who is office manager of the company's San Francisco office.