

in which his home and farm were located, and as a member of his church. Mainly, though, he will be remembered most by his students and colleagues for his keen intellect, his wise counsel, his unfailing devotion to the ethics and professional principles of the engineer and the absolute integrity with which he adhered to these principles. He is sorely missed by his colleagues and remembered with warm affection by legions of former students.

G. W. SWENSON JR

University of Illinois at Urbana-Champaign

Daniel R. Gustafson

Daniel R. Gustafson, professor and chairman of the department of physics at Wayne State University, died on 25 June 1980 after rescuing his daughter and her friend from the surf near Panama City, Florida. He was 43 years old.

Gustafson received a BA degree in physics and mathematics from the University of Minnesota at Duluth in 1959 and a PhD in physics from Iowa State University in 1964. His doctoral thesis involved positron annihilation in solids. Upon finishing his graduate work, he came to Wayne State, where he initiated an experimental program using positron annihilation as a probe to investigate the properties of metals and rare earths. Using a similar technique Gustafson developed a novel approach in the determination of the structure of cell water. He and his colleagues and students later extended these methods to the study of metals at high pressures, particularly in regard to determining vacancy formation in metals.

In addition to his research, Gustafson had a deep interest in the improvement of physics teaching. He designed several new experiments for elementary laboratories and wrote a book titled *Physics: Health and the Human Body*, which appeared earlier this year.

His outside interests were wide and ranged from spelunking, sailing in the Great Lakes and the Atlantic Ocean, motorcycling and golfing, to rose gardening, and local history (he served as treasurer of the Grosse Point Woods, Michigan Historical Commission).

Dan Gustafson was a solid and dependable colleague, quick to see the humor in much of our daily activities and always interested in the myriad ways physics interacts with our lives. Always friendly, never pompous, he earned our trust as a fellow faculty member, our approbation as department chairman and our affection as a man.

H. H. DENMAN

Wayne State University
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