

obituaries

June 1916, Burgy graduated from the University of Chicago in 1939. He worked at the Metallurgical Laboratory at the University of Chicago and at the Clinton Engineering Works in Oak Ridge before going to Argonne National Laboratory in 1940.

While at Argonne, Burgy collaborated with D. J. Hughes on important experiments on polarized neutrons and the neutron-proton interactions done at Argonne during 1947-51. In later years he played an essential role in the neutron decay experiments, showing that the beta-decay interaction obeys V-A theory and is invariant under time-reversal. He left Argonne in 1965.

Paul Zilczer

Paul Zilczer, a physicist and mathematician, died on 25 November. He was 55.

Zilczer retired as a department manager for Computer Science Corp last spring. Born in Hungary, he earned his doctorate at the Eötvös Lóránd in Budapest in 1933. After coming to the US he worked at City College in New York, at Drew University, with the Bristol Co in Connecticut, with the W. L. Maxson Corp, New York University and Fairchild Engineering and Air-plant Corp. He was head of the advanced systems-analysis laboratory at Kollsman Instrument Corp before joining Computer Science Corp in 1963. Zilczer's scientific interests included linear and nonlinear control system theory, noise theory, and space navigation and control.

Frederick H. Giles Jr

Frederick H. Giles Jr, an associate professor and director of undergraduate studies in the physics department at the University of South Carolina, died on 19 December. He was 46 years old.

Giles's primary areas of research were chemical physics, especially surface activity during electrolysis, and biological physics. But he was also interested in other aspects of science, as is shown by his publication of several articles on the teaching of physics and on the relationship of science to religion and society.

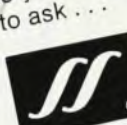
Before joining the faculty at the University of South Carolina in 1957 Giles had worked at the Savannah River Laboratory, in the biophysics division at the Medical College of Ohio State University, at Bowling Green State University, with Motorola, Inc and Wheaton Engineering Corp, and at the University of Illinois, where he completed his PhD in 1955. □

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