

## we hear that

R. Hamilton doing molecular-beam research.

He joined the physics department of Washington University in 1957 and was the director of the university's cyclotron laboratory for the next ten years. During the latter part of this period Reynolds was responsible for initiating and planning an extensive conversion of the cyclotron to variable-frequency sector-focused operation, which greatly improved the usefulness and versatility of the machine for researchers in nuclear chemistry and physics.

### Franz A. Bumiller

Franz A. Bumiller, professor of physics at the Naval Postgraduate School, died on 15 October at the age of 51. Born in Zurich, Switzerland, Bumiller received his PhD for nuclear physics in 1955 from the University of Zurich. The following year he came to the US and joined the high-energy physics laboratory at Stanford University, where he engaged in electron-scattering studies and made important contributions to our knowledge of the structure of the proton.

In 1962 he joined the faculty of the Naval Postgraduate School, where he soon began construction of a 100-MeV linear accelerator. This facility was completed a few years ago, and he continued his research interests in electron scattering and nuclear-structure physics as director of the accelerator laboratory. Bumiller was highly regarded not only for his research activities, but also for his great ability as a teacher. He will be missed by his many friends on both continents.

JOHN N. DYER

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### David L. Arenberg

David L. Arenberg, president and founder of Arenberg Ultrasonic Laboratory Inc, died 8 September at the age of 55.

Arenberg's laboratory, which will remain in business, is one of the key manufacturers of ultrasonic test equipment. His first achievement at the laboratory was the successful use of solid delay lines. He also designed the PG-650 oscillator and many other pieces of ultrasonic test equipment. Arenberg, who received an MA degree from Clark University in 1936 and an MS degree from the Massachusetts Institute of Technology in 1942, had received awards from the Acoustical Society of America and the Institute of Electronics and Electrical Engineers. □



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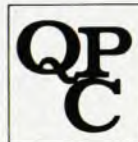
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