

cyclotron orbit is then used in conjunction with collection plates aligned with the magnetic field and intersecting the U^{235} orbits; this allows the U^{235} ions to be collected while the U^{238} ions pass through.

In its 1980 study, ERAB had recommended that because Jersey Nuclear Avco Isotopes had a technical lead, that JNAI should be the lead lab in developing the engineering for DOE. Indeed JNAI did work with DOE in late 1980, under a three-month contract. The contract was not continued, however, and a proposal made by JNAI to DOE for a joint effort was rejected by DOE. According to a spokesman from JNAI, the personnel have since been dispersed and the research program is no longer being actively pursued, as Exxon discontinued funding following the rejection of JNAI's proposal by DOE. JNAI still holds patents on many separate steps in the process, and as one spokesman told us, "We are wait-

ing to see what Livermore does."

Arthur Kantrowitz (Dartmouth College and formerly chairman of Avco-Everett), who was part of the research team at JNAI when much of the work on the isotope separation process was done, said, "Transferring the process to a government lab, away from the people who developed it, is the kind of spendthrift decision we cannot afford. It is one thing to use a government lab when the scientists who develop the process are in that lab, and quite another when the people who developed it are in private industry and are both enthusiastic and highly competent." —JC

Los Alamos establishes Matthias fellowship

The Bernd T. Matthias Research Fellowship has been established by Los

Alamos, to recognize Matthias's contributions to materials science at Los Alamos. The Matthias fellowship is only the second such competitive program at Los Alamos. The first was established about ten years ago, and is named after J. Robert Oppenheimer, the laboratory's first director; the Oppenheimer fellowships are open to candidates in any scientific field. Although the Matthias fellowship recipient must be in materials science, the term is to be interpreted broadly.

The fellowship is for two years, with the possibility of renewal for a third year. It is intended for recent recipients of doctoral degrees, and the stipend is \$36 600 per year. Applications, due by 31 December, should be sent to: Madeline Lucas, Personnel Division, MS P203, Bernd T. Matthias Program, Los Alamos National Laboratory, Los Alamos, New Mexico 87545.

Optical Society elects Shannon vice president

The Optical Society of America has elected Robert R. Shannon to be its vice president in 1983. Shannon, who is professor at the Optical Sciences Center of the University of Arizona, will become president-elect in 1984 and president in 1985. He will succeed Kenneth Baird of the National Research Council of Canada, who will be the president in 1983, and Donald R. Herriott, of the Perkin-Elmer Corporation, who will be president in 1984.

Shannon received his BS (1954) and MS (1957) degrees at the University of

SHANNON



Rochester. He started working at Itek Corporation as a staff physicist in 1959, became department manager of optical design in 1962, and director of advanced technical laboratories in 1967. He assumed his present position in 1969. He is a fellow of OSA and of the Society of Photo-Optical Instrumentation Engineers, of which he was president 1979-1980. His research has been in applied optics and includes work on lens design, image analysis, optical testing and laser applications.

Also elected, to three-year terms as directors-at-large, are Elsa Garmire, assistant director of the Center for Laser Studies of the University of Southern California, Christopher Dainty, professor of physics and astronomy and member of the Institute of Optics at the University of Rochester, and Richard Abrams, manager of optical physics at Hughes Research Laboratories.

Sternick is AAPM president-elect

The American Association of Physicists in Medicine has elected Edward S. Sternick as president-elect for 1983. Sternick will succeed the president for 1983, Nagalingam Suntharalingam, who is professor and chief of medical physics in the department of radiation therapy and nuclear medicine at Thomas Jefferson University in Philadelphia.

the physics community

Sternick is the director of the medical physics division of the Tufts-New England Medical Center and an associate professor of therapeutic radiology and diagnostic radiology at Tufts University. He received a BS at Tufts in 1960, an MA from Boston University in 1963 and a PhD in medical physics and radiology from UCLA in 1968. From 1968 to 1978, when his present positions began, he directed the medical physics section of the Norris Cotton Cancer Center in the Dartmouth-Hitchcock Medical Center. At the same time, he taught radiology at the Dartmouth Medical Center, first, from 1968 to 1971, as an instructor, then, starting in 1972, as an assistant professor. From 1972 to 1978 he was also a professor of radiology at the New Hampshire Vocational Institute. He currently is the director of the AAPM Placement Service and serves on several AAPM committees: science council, annual meetings and finance.

Also elected were new members of the board: Peter Fessenden (director of the radiological physics section at Stanford), Joel Edward Gray (associate professor of radiologic physics at the Mayo Medical School, University of Minnesota) and Margit Lassen (associate professor of radiology at Thomas Jefferson University).

AAPM also has a new executive secretary: Elaine P. Osterman, who was previously the executive secretary of the New York Conference of the American Association of University Professors. □