we hear that

Dan Q. Posin wins Grady award

Dan Q. Posin, professor of physical science and chairman of the department of interdisciplinary sciences at San Francisco State College, has received the American Chemical Society's 1972 James T. Grady Award for Interpreting Chemistry for the Public. The award, which consists of $2000, a certificate, a gold medal and a bronze replica of the medal, recognizes reporting "which materially increases the public's knowledge and understanding of chemistry, chemical engineering and related fields."

Posin, who received his PhD in physics from the University of California, Berkeley, received the award for his cumulative work since 1945, when he began making speeches on the atom. Since then he has produced a film, "The Atom and You," has written a novelized biography of Dmitri Mendeleyev, *Mendeleyev, the Story of a Great Scientist* and has produced 1500 television shows including, "Out of This World," "What's New" and "On the Shoulders of Giants." He also conducted a weekly show reporting on science for Chicago's WTTW-TV.

Phillips and Peterlin receive APS awards

During the March meeting of the American Physical Society in Atlantic City, N. J., the Oliver E. Buckley Solid-State Physics Prize was awarded to James C. Phillips of Bell Telephone Laboratories, and the 1972 APS High-Polymer Physics Prize was awarded to Anton Peterlin of the Research Triangle Institute. They will each receive $1000 and a certificate.

The Buckley prize, which is endowed by Bell Labs, was presented to Phillips "for his synthesis of theoretical and empirical knowledge of band structures and optical properties, and for his use of this understanding to unify the physical and chemical approaches to crystalline bonding." Before coming to Bell Labs, he was on the faculty of the University of Chicago, from which he received his PhD in 1956. Phillips spoke on the "Quantum Structure of Solids."

The High-Polymer Physics Prize, sponsored by the Ford Motor Co, cited Peterlin for his contributions to the rheology of polymer solutions and the deformation of solid polymers. Peterlin is director of the Camille Dreyfus Laboratory at the Research Triangle Institute and is also adjunct professor at Duke University. In 1960, one year before Peterlin joined the Dreyfus laboratory, he was head of the Experimental Physics Institute at the Technical University in Munich. Before that, he was professor of physics at the University of Ljubljana for 20 years and also head of the J. Stefan Institute in Ljubljana, which he organized for the Yugoslav Atomic Energy Commission in 1949. His talk at the meeting was on "Plastic Deformation of Crystalline Polymers."

OSA medals honor Byer and Fastie

BYER

Robert L. Byer and William G. Fastie were honored by the Optical Society of America during its spring meeting in April. Byer, assistant professor at Stanford University, received the Adolph Lomb Medal, and Fastie, adjunct professor at Johns Hopkins University, received the David Richardson Medal.

The Lomb medal, which is awarded bienially to a person who has contributed to optics before reaching the age of 30, cited Byer for his contributions to lasers, laser devices and parametric converters. Byer is presently serving as secretary-treasurer of the Northern California section of OSA. His current research is aimed at generating tunable infrared radiation in the 2–15-micron region. As an outgrowth of this research, the possibility of using infrared coherent light sources for air-pollution monitoring has been investigated. Byer has also initiated and helped the Stanford Clean Car Club enter and win the 1970 Clean Air Car Race with its alcohol-fueled car.

FASTIE

Fastie was acknowledged for his contribution to optical instrumentation. The Richardson medal is presented annually for contributions to applied optics. Fastie has been involved with optics since 1945, when he began to work for Leeds and Northrup, doing work in thermopile design and directing the development of spectroscopic equipment for spectrochemical analysis. Currently, he is doing research on optics to study geophysical and astrophysical phenomena and aircraft-borne and ground-based spectroscopic observations. He is also making underwater measurements of biological interest.

Mildred S. Dresselhaus, a former solid-state physicist for Massachusetts Institute of Technology's Lincoln Laboratory and currently a professor of electrical engineering at MIT, has been promoted to head of the department of electrical engineering.

Ronald C. Beeh has been appointed director of research and engineering for Packard Instrument Co, a division of AMBAC Industries Inc. He was previously technical consultant to the group vice-president of the electronics and aerospace division at AMBAC.

Joining the research and development staff of Arthur D. Little Inc is **Leonardo Peusner**. Peusner will be involved in biophysical and biomedical research and health-care delivery.

Recently appointed professor and chairman of the department of physics at the University of Nebraska is **Leo Sartori**, formerly of Massachusetts In-