APS honors four physicists at March meeting

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During its general meeting held last March in Atlanta, The American Physical Society honored four physicists with Society awards for 1976. The prizes were: the Oliver E. Buckley Solid State Physics Prize to George Feher, and APS High Polymer Physics Prize to Richard S. Stein and the APS International Prize for New Materials to William G. Pfann and Henry Theuerer.

Feher, professor of physics at the University of California, San Diego, received the Buckley Prize for his "development of electron-nuclear double resonance, and the application of spin resonance to a wide range of problems in the physics of condensed matter." The prize is endowed by Bell Laboratories. Feher earned his doctorate in 1954 at the University of California and went to work for Bell Labs the same year. He left that position after six years to become a faculty member at the University of California, San Diego, where he teaches solid-state physics and biophysics.

The High Polymer Physics Prize has been given to Stein, Commonwealth Professor at the University of Massachusetts, Amherst, for his "optical and x-ray studies of structure and deformation in solid polymers under both equilibrium and dynamic conditions." Stein, who is also director of the Polymer Research Institute on the Amherst campus, received his doctorate in physical chemistry from Princeton University in 1949 and has been a member of the University of Massachusetts faculty since 1950. The High Polymer Physics Prize is sponsored by the Ford Motor Co.

In the second year of its presentation, Pfann and Theuerer (both of Bell Labs) have been named the winners of the APS International Prize for New Materials. The prize is sponsored by the IBM Corp and cited Pfann and Theuerer for their "work on the development of methods for the purification of semiconductors and the growth of epitaxial crystals from the vapor phase."

Institute of Physics gives 1976 awards

The Council of the (British) Institute of Physics has presented 1976 IOP awards to: S. D. Smith, G. N. Hounsfield, Sir Montague Finniston, Abdus Salam, Stephen W. Hawking, Roger J. Blin-Stoyle and Joan M. Freeman.

Smith received the Charles Vernon Boys Prize for his contributions to the design of scientific instruments in solid-state physics and in physical meteorology; he is a professor at Heriot-Watt University in Edinburgh.

The Duddell Medal and Prize has been awarded to Hounsfield of EMI Limited for his development in the use of x rays for the examination of three-dimensional structures.

Finniston of the British Steel Corp was the winner of the Glazebrook Medal and Prize for his leadership in the application of science to the large-scale manufacture of steel.

Salam of Imperial College, London and the International Centre for Theoretical Physics, Trieste received the Guthrie Medal and Prize for his contributions to the theory of fundamental particles.

The Maxwell Medal and Prize was awarded to Hawking of the University of Cambridge for his contributions to theoretical astrophysics.

Blin-Stoyle of the University of Sussex and Freeman of the UK Atomic Energy Authority, Harwell shared the Rutherford Medal and Prize for their work on beta-radioactivity of complex nuclei.

Apfel named for acoustics award

The 1976 Biennial Award of the Acoustical Society of America has been presented to Robert E. Apfel, associate professor in Yale University's department of engineering and applied science. The award honors a Society member who has contributed through published papers to the advancement of theoretical or applied acoustics, and is under 35 years of age.

Apfel received his PhD in applied physics from Harvard University in 1970 for graduate work on physical acoustics, especially acoustic cavitation and the strength of liquids. This research resulted in a series of papers in the *Journal of the Acoustical Society of America*. The Biennial Award consists of a citation and a bound set of the *Journal* from 1929 to the present.

Kenneth C. Brog and **Robert H. Poirier** have been named research-department managers at Batelle's Columbus Laboratories. Brog heads research in physics, electronics and nuclear technology while Poirier is responsible for energy and environmental-processes research. In addition, **Edward W. Ungar** and **Duane N. Sunderman** have been appointed associate directors of research at Batelle-Columbus.

Michael C. King, formerly of Bell Laboratories, has joined Qualitron Corp as manager of engineering.

The Nuclear Regulatory Commission has appointed **Carson Mark** to its Advisory Committee on Reactor Safeguards (ACRS). Mark is a mathematician and physicist who, in 1973, retired from Los Alamos Scientific Laboratory.