

## APS honors Overhauser, Cole, Stockmayer and Welker

The American Physical Society plans to present prizes to four physicists on 2 April during its meeting in Denver, Colorado (31 March–3 April). The awards are: Oliver E. Buckley Solid State Physics Prize to Albert W. Overhauser; Irving Langmuir Prize in Chemical Physics to Robert H. Cole; APS High Polymer Physics Prize to Walter H. Stockmayer and the newly established APS International Prize for New Materials to Heinrich Welker.

Overhauser, professor of physics at Purdue University since 1973, has been named winner of the Buckley Prize for his "invention of dynamic nuclear polarization and for the stimulation provided by his studies of instabilities of the metallic state." The prize is endowed by Bell Labs. Overhauser earned his doctorate in 1951 at the University of California and became a research associate at the University of Illinois. In 1953 he joined the faculty of Cornell University, which he left in 1958 to assume a supervisory position in the physical science lab of the Ford Motor Co in Dearborn, Michigan.

The Langmuir Prize has been awarded to Cole, professor of chemistry at Brown University, for his "masterly contributions to the understanding of molecular interactions through study of



COLE



STOCKMAYER



WELKER



OVERHAUSER

dielectric behavior . . ." Cole has been a Fulbright lecturer and a Guggenheim fellow. He received his PhD in physics from Harvard in 1940 and has spent 28 years at Brown, 12 of them as chairman of the chemistry department. The Langmuir Prize is donated by the General Electric Foundation.

Stockmayer, winner of the High Polymer Physics Prize was cited for his work on the statistical mechanical theory of polymer solutions. The Ford Motor Co sponsors this prize. Stockmayer earned his doctorate in chemistry in 1940 from the Massachusetts Institute of Technology and has been a Rhodes scholar and a Guggenheim fellow. He joined Dartmouth's chemistry

department in 1961, after teaching at MIT and Columbia.

The International Prize for New Materials, of which Welker is the first recipient, is sponsored by the IBM Corp. Welker earned his doctorate from the University of Munich and during 1935–40 worked as an assistant to Arnold Sommerfeld. He was cited for "pioneering investigations on the physical and chemical properties of the binary compounds of the elements in groups III and V of the periodic table. His program of research and development . . . has made many new devices and techniques possible." Presently, Welker is director of Siemens AG in Erlangen, West Germany.

## Eggers and Jenkins cited for service to NSF

Alfred J. Eggers Jr and Thomas E. Jenkins have received the Distinguished Service Awards of the National Science Foundation. Eggers is assistant director for research applications and Jenkins, until his retirement last July, was assistant director for administration. The award, which recognizes outstanding public service, is NSF's highest honor and in the 25-year history of the foundation has been presented to only 11 other persons. NSF Director H. Guyford Stever presented the awards to Eggers and Jenkins on 5 March and also presented Meritorious Service Awards to nine other staff members at that time.

Eggers was cited for his "creative leadership in proving that the concepts on which the Research Applied to Na-

tional Needs [RANN] program were founded are sound and that major contributions to the national well-being can be stimulated through the applied research activity of the National Science Foundation." He has been with NSF since 1971, and was formerly assistant administrator for policy at the National Aeronautics and Space Administration. Eggers earned his doctorate in mechanical engineering from Stanford University in 1956 and has specialized in aerodynamics and the management and planning of aerospace research and development.

NSF cited Jenkins for applying innovative managerial and administrative methods to its operation. Prior to joining the foundation in 1969 as deputy assistant director for administration, he held a number of management positions at NASA. He is now assistant vice-president for academic planning and re-

source management at the University of California, Berkeley.

Recipients of Meritorious Service Awards are Paul P. Craig, Jerome H. Fregeau, Richard J. Green, Walton M. Hudson, Elizabeth S. Hunt, Mary K. Johrde, John W. Mehl, William E. Morrell and Howard Tihila.

## Pinkston, Carr and Gordy recognized by APS section

Earl R. Pinkston, Howard E. Carr and Walter Gordy have been honored by the southeastern section of the American Physical Society. Pinkston, physics professor at the US Naval Academy at Annapolis and Carr, head of the physics department at Auburn University, have received George B. Pegram Awards for excellence in teaching. Gordy, physics professor at Duke University, has won