

WE HEAR THAT

Neugebauer and Others Honored by AAS

The American Astronomical Society has announced the recipients of its prizes and awards for 1996.

The Henry Norris Russell Lecture-ship Prize, AAS's highest honor, goes this year to **Gerry Neugebauer**, the Robert A. Millikan Professor of Physics at Caltech. The prize citation calls Neugebauer "one of the founders of modern infrared astronomy" and states that "his contributions to the 2.2-micron survey, to the development of various detectors, to studies ranging from dust-enshrouded young stars to active galaxies and quasars, and above all to the ultimately triumphant project known as IRAS [the Infrared Astronomical Satellite] will be remembered."

Roger A. Chevalier, the W. H. Vanderbilt Professor of Astronomy at the University of Virginia, is the recipient of the Dannie Heineman Prize for Astrophysics, given jointly by the American Institute of Physics and AAS. He is cited for "fundamental contributions to the quantitative physics of the violent and complicated supernova phenomenon."

The Newton Lacy Pierce Prize is being given to **Michael A. Strauss** for "his leadership in work on cosmic structure, based on redshift surveys from the IRAS database. Our knowledge of the local large-scale structure, flows and gravity field depends in large part on his work." Strauss is an assistant professor of astrophysical sciences at Princeton University.

Fred C. Adams has garnered the Helen B. Warner Prize for "his work on protostellar disks, the interstellar medium and quark-hadron phase transitions. His analysis of the evolution of young stars with nonstandard disks was both daring and fruitful." Adams is an associate professor of physics at the University of Michigan.

The Beatrice M. Tinsley Prize goes to **Alex Wolszczan** for "his creative and innovative analysis of binary and relativistic pulsars culminating in the discovery of a system of planets outside our solar system." Wolszczan is Distinguished Professor of Astronomy and Astrophysics at Pennsylvania State University.

Fred Hoyle is the recipient of the Annenberg Foundation Award in Education. "His radio lectures, television productions and science fiction novels

captured the imagination of audiences worldwide," the award citation states. "His strong and sustained influence on the progress of theoretical astronomy and its dissemination to professional and layperson alike and his inspiration of countless young people are unexcelled in this century." Hoyle, who is retired, was the Plumian Professor and director of the Institute of Astronomy at the University of Cambridge in England.

Engineering Academy Enlarges Its Ranks

On 15 February the National Academy of Engineering announced the names of 78 new members and eight foreign associates. The new members include

Ronald J. Adrian, a professor of theoretical and applied mechanics at the University of Illinois, Urbana-Champaign.

John F. Ahearne, executive director of Sigma Xi, the Scientific Research Society, located in Research Triangle Park, North Carolina.

Seymour G. Bankoff, the Walter P. Murphy Professor of Chemical and Mechanical Engineering at Northwestern University.

Thomas F. Budinger, head of the center for functional imaging at the Lawrence Berkeley National Laboratory.

James E. Carnes, president and chief executive officer of the David Sarnoff Research Center, in Princeton, New Jersey.

Y. Austin Chang, a Wisconsin Distinguished Professor in materials science and engineering at the University of Wisconsin—Madison.

Paul A. Fleury, dean of the school of engineering at the University of New Mexico.

Eduardo D. Glandt, the Russell Pearce and Elizabeth Crimian Heuer Professor at the University of Pennsylvania.

Martin E. Glicksman, the John Tod Horton Distinguished Professor at the Rensselaer Polytechnic Institute.

George M. Hornberger, the Ernest H. Ern Professor of Environmental Sciences at the University of Virginia.

Akira Ishimaru, the Boeing Martin Professor of Electrical Engineering at the University of Washington.

Bruce M. Lake, manager of the ocean technology department of the TRW space and technology division in Redondo Beach, California.

Francis C. Moon, the Joseph C. Ford Endowed Professor in the mechanical and aerospace engineering department at Cornell University.

Wesley L. Nyborg, a professor emeritus of physics at the University of Vermont.

Owen M. Phillips, the Decker Professor in Science and Engineering at Johns Hopkins University.

James D. Plummer, a professor of electrical engineering and senior associate dean of the engineering school at Stanford University.

Carl H. Rosner, the president and chief executive officer of the Inter-magnetics General Corp in Latham, New York.

Peter Staudhammer, vice president of science and technology at TRW Inc, in Cleveland, Ohio.

Donald R. Uhlmann, professor and head of the department of materials science and engineering at the University of Arizona.

Sheldon Weinbaum, a CUNY Distinguished Professor at the City College of the City University of New York.

The new foreign associates include

Jacob N. Israelachvili, a professor of chemical engineering at the University of California, Santa Barbara.

Frank R. Nabarro, an Honorary Research Professorial Fellow in the physics department at the University of the Witwatersrand, Johannesburg, South Africa.

Daniel Weihs, professor of aerospace engineering at the Technion—Israel Institute of Technology.

National Academy of Sciences Honors 13 Individuals

Among the 13 individuals being recognized at the annual meeting of the National Academy of Sciences this month are five who have made contributions to physics or physics-related fields.

The NAS will award its Arctowski Medal to **Raymond G. Roble**, a senior scientist at the High Altitude Observatory and the National Center for Atmospheric Research in Boulder, Colorado. Roble is being recognized for "his indispensable contributions to understanding the effects of variable solar inputs on the Earth's atmosphere and ionosphere by powerful global modeling techniques."

James G. Anderson is to receive