

WE HEAR THAT

NAS Elects New Members

In April the National Academy of Sciences announced the election of 60 new members and 15 foreign associates from eight countries in recognition of their distinguished and continuing achievements in original research. Eighteen of the new members do physics-related research:

Arthur Ashkin, a member of the technical staff at Lucent Technologies, Bell Laboratories, in Holmdel, New Jersey.

Roger A. Chevalier, the W. H. Vanderbilt Professor of Astronomy at the University of Virginia.

Robert N. Clayton, the Enrico Fermi Distinguished Service Professor in the department of chemistry and geophysical sciences at the University of Chicago.

Charles S. Cox, a professor emeritus at the Scripps Institution of Oceanography (part of the University of California, San Diego).

Herman Z. Cummins, a distinguished professor of physics at the City University of New York's City College.

Alan M. Dressler, a member of the scientific staff at Carnegie Observatories.

Zachary Fisk, a professor of physics at Florida State University.

James E. Hansen, head of the NASA Goddard Institute for Space Studies in New York City.

William Happer, Jr., a professor of physics at Princeton University.

Nancy J. Kopell, a professor of mathematics at Boston University.

Johanna M. H. Levelt Sengers, a guest researcher in the thermophysics division of the National Institute of Standards and Technology in Gaithersburg, Maryland.

Jerry E. Nelson, a professor of astronomy at the University of California, Santa Cruz, and an astronomer at the nearby Lick Observatory.

Neil D. Opdyke, a professor of geology at the University of Florida.

Alvin V. Tollestrup, Scientist III at Fermilab.

Richard A. Webb, the Alford Ward Chair Professor of Semiconductor Physics in the Center for Superconductivity Research at the University of Maryland at College Park.

John R. Winckler, an emeritus professor of physics in the school of physics and astronomy at the University of Minnesota.

John T. Yates, Jr., director of the Surface Science Center and R. K. Mel-

lon Professor in the departments of chemistry and of physics and astronomy at the University of Pittsburgh.

George Zweig, a senior fellow at Los Alamos National Laboratory.

Among the newly elected foreign associates are

Samuel F. Edwards, Cavendish Professor of Physics at the University of Cambridge in England.

Hartmut Michel, director of the Max Planck Institute for Biophysics and professor at the University of Frankfurt in Germany

Venkataraman Radhakrishnan, director emeritus of the Raman Research Institute in Bangalore, India.

American Philosophical Society Adds to its Ranks

Meeting in late April, the American Philosophical Society elected 31 new resident members and 8 foreign members. Among those chosen as resident members were

Alfred Y. Cho, director of the semiconductor laboratory at Lucent Technologies, Bell Laboratories.

Peter D. Lax, a professor at the Courant Institute of New York University and director of the Courant Mathematics and Computing Laboratory.

Malvin A. Ruderman, the Centennial Professor of Physics at Columbia University.

John A. Simpson, the Arthur H. Compton Distinguished Service Professor of Physics Emeritus at the University of Chicago.

Don Craig Wiley, a professor of biochemistry and biophysics at Harvard University and an investigator at the Howard Hughes Medical Institute.

Gerald Holton, the Mallinckrodt Professor of Physics and Professor of History of Science Emeritus at Harvard University.

The new foreign members include **Aaron Klug**, president of the Royal Society and director of the Medical Research Council Laboratory of Molecular Biology at the University of Cambridge.

Raphael David Levine, a professor of theoretical chemistry and the Max Born Professor of Natural Philosophy at the Hebrew University of Jerusalem.

Robert Wilson, the Perren Professor of Astronomy at the University of London's University College London.

IN BRIEF

At the May dedication of the Keck II Telescope at the W. M. Keck Observatory on the summit of Mauna Kea in Hawaii, it was announced that **Frederic H. Chaffee** would become director of the observatory. Chaffee, who for the past 12 years has been director of the Multiple Mirror Telescope Observatory near Tucson, Arizona, will assume his new post upon the retirement in October of **Gerald M. Smith**, who has been the Keck project manager for 13 years.

The Overseas Chinese Physics Association has presented its Outstanding Young Researcher Award to **Hong-Wen Jiang**, an associate professor of physics at the University of California, Los Angeles, for "his contribution to research in the quantum Hall effect." The association's Achievement in Asia Award has been given to **Ching-Ming Wei** of the Institute of Physics of Academia Sinica (the Chinese Academy of Sciences) in Taipei, Taiwan, for "his contribution to surface structure physics using electron-emission holography."

David W. Fahey has been honored with the Henry G. Houghton Award given by the American Meteorological Society. Fahey, a research physicist in the meteorological chemistry group at NOAA's Aeronomy Laboratory in Boulder, Colorado, was selected for "his outstanding contributions to our understanding of the ozone layer through airborne observations and theoretical analyses."

Robert L. Byer received the 1996 Quantum Electronics Award from the IEEE Lasers and Electro-Optics Society in June at the joint Conference on Lasers and Electro-Optics and Conference on Quantum Electronics and Laser Science. Byer, who is director of Stanford University's Center for Nonlinear Optical Materials, was cited for "pioneering inventions and contributions to solid-state lasers, optical parametric oscillators and nonlinear optics."

Richard C. Canfield has joined the physics department at Montana State University in Bozeman as Research Professor of Physics. Canfield had been an astronomer at the Institute for Astronomy at the University of Hawaii in Honolulu.

The Royal Swedish Academy of Sciences has awarded its 1996 Aminoff