WE HEAR THAT

National Science Board Presents Awards

At a ceremony in Washington, DC, in May, the National Science Board honored four individuals and an organization for their contributions. For the first time in its 20-year history, the National Science Board's Vannevar Bush Award has been given to two scientists. **Herbert F. York**, a nuclear physicist, shared the spotlight with agronomist **Norman E. Borlaug**, winner of the 1970 Nobel Peace Prize. York was honored "for his work in nuclear energy and for leadership in the arms control movement." He is a professor and director emeritus for the Institute on Global Conflict and Cooperation at the University of California, San Diego.

Philip and Phylis Morrison garnered the NSB's public service award for individuals for "their unique teaming efforts over many years in communicating science and enhancing the public's understanding of it, and for educating, encouraging and influencing a new generation of scientists." Philip is an institute professor emeritus at MIT, and Phylis is an art and science teacher. The husband-and-wife team have coauthored many books, worked on films and on education reform initiatives, and appeared on television science programs.

The public service award for organizations went to **Science Service**, a nonprofit organization founded in 1921 to advance public understanding and appreciation of science. Science Service administers several educational programs for middle school and high school students, and also publishes the highly regarded weekly news magazine, *Science News*.

Also at the NSB ceremony, the National Science Foundation presented **Jennifer Doudna** with its Alan T. Waterman Award. A professor of molecular biophysics and biochemistry at Yale University and an assistant investigator at the Howard Hughes Medical Institute, Doudna was recognized for her work in structural biology, which has shown how RNA can act like an enzyme to catalyze specific biochemical reactions and how polyanionic RNA forms a three-dimensional structure.

President Honors Young Scientists

In April, President Clinton named 60 individuals as recipients of the fourth annual Presidential Early Career Awards for Scientists and Engineers, the highest honor bestowed by the US government on young professionals at the outset of their independent research careers.

Among the laureates are 25 who are engaged in physics-related research: **Waleed Abdalati** of NASA's Goddard Space Flight Center, **Gregory P. Asner** of the University of Colorado, **Linnea M. Avallone** of the University of Colorado, **Pamela M. Chu** of the National Institute of Standards and Technology, **Ken R. Czerwinski** of MIT, **Donald DeVoe** of the University of Maryland, College Park, **Brenda L. Dingus** of the University of Wisconsin–Madison, **Dennis E. Discher** of the University of Pennsylvania, **Richard J. Elston** of the University of Florida, **David M. Ford** of Texas A&M University, **Lori L. Graham** of the University of Virginia, **Aaron W. Harper** of Texas A&M University, **Fiona Anne Harrison** of Caltech, **John G. W. Kelley** of the National Oceanic and Atmospheric Administration, **Kenneth M. Kemner** of Argonne National Laboratory, **Michael Loewenberg** of Yale University's School of Medicine, **Nathan J. Mantua** of the University of Washington, **John F. Mitchell** of Argonne National Laboratory, **Kathryn A. Moler** of Stanford University, **Sanjay Raman** of the Virginia Polytechnic Institute and State University, **Eric L. Shirley** of the National Institute of Standards and Technology, **Gennady Shvets** of the Princeton Plasma Physics Laboratory, **Jeffrey S. Urbach** of Georgetown University, **Preete Verghese** of the Smith-Kettlewell Eye Research Institute in San Francisco, **Zhuomin Zhang** of the University of Florida.

IN BRIEF

The Abdus Salam International Centre for Theoretical Physics has awarded the 1999 ICTP Prize, given in the field of condensed matter physics in honor of Stig Lundqvist, to Professor **Daniel Domínguez** from Instituto Balseiro in Bariloche, Argentina. He was recognized for his studies of vortex dynamics in superconducting materials and Josephson junction arrays. The prize, consisting of a medal, a certificate, and $1000, will be awarded in a ceremony this summer.

Sheldon Glashow, who has been the Higgins Professor of Physics at Harvard University since 1979, will join the faculty of Boston University next month as the first Arthur G. B. Metcalf Professor of Science. Glashow shared the 1979 Nobel Prize in Physics with Abdus Salam and Steven Weinberg for work that led to the Standard Model of particle physics.

After almost 34 years at NASA's Goddard Space Flight Center, **Steve Holt** is leaving his position as director of space sciences. In September, he starts a joint appointment as a professor of physics at the new Franklin W. Olin College of Engineering in Needham, Massachusetts and the director of science at the neighboring Babson College in Wellesley.

In April, **Lura J. Powell** became the new director of the Pacific Northwest National Laboratory. She succeeded **William J. Madia**, who now serves as the director of the Oak Ridge National Laboratory.

At the European Physical Society's conference of the condensed matter division, held in Montreux, Switzerland, in March, the new Agilent Technologies Europhysics Prize was presented to **Gerrit van der Laan** of the UK's Daresbury Laboratory, **Paolo Carra** of the European Synchrotron Radiation Facility, and **Gisela Schütz-Gmeineder** of the University of Würzburg for "their pioneering work in the study of magnetic materials." The prize includes a cash award of 51 000 Swiss francs.

The American Chemical Society presented the 2000 ACS Nuclear Chemistry Award to **Richard L. Hahn** at its annual meeting in March. A senior scientist at Brookhaven National Laboratory, Hahn was cited for his "leadership role in experiments for the detection and measurement of solar neutrinos, for wide-ranging investigations of chemical and nuclear properties of the heaviest elements, and for numerous nuclear reaction and spectroscopy studies."

The Academy of Sciences of the Czech Republic has awarded the

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