

WE HEAR THAT

Bush Honors Winners of Early Career Awards

At the White House in July, President Bush honored the 60 recipients of the 2001 Presidential Early Career Awards for Scientists and Engineers. He delivered an address at the ceremony, marking the first time a US president has attended the presentation. The PECASE awards are the nation's highest honor for young researchers at the outset of their professional careers.

Among the winners, the following 26 are involved in physics or physics-related work: **Douglas E. Adams** of Purdue University, **Ian M. Anderson** of Oak Ridge National Laboratory, **Philip J. Bart** of Louisiana State University, **James J. Bock** of NASA's Jet Propulsion Laboratory, **Steven Brown** of the National Oceanic and Atmospheric Administration's Aeronomy Laboratory and the University of Colorado's Cooperative Institute for Research in Environmental Sciences, and **Vince Cianciolo** of ORNL.

Also honored were **Stephane Coutu** of Pennsylvania State University, **James H. Crawford** of NASA's Langley Research Center, **Steven A. Cummer** of Duke University, **Ronald P. Fedkiw** of Stanford University, **Kenneth A. Gall** of the University of Colorado at Boulder, **Charles F. Gammie** of the University of Illinois at Urbana-Champaign, and **C. Allan Guymon** of the University of Iowa.

Also recognized were **Eric K. Lin** of NIST in Gaithersburg, Maryland, **Thomas M. Hamill** of NOAA's Climate Diagnostics Center and the University of Colorado's Cooperative Institute for Research in Environmental Sciences, **Mark C. Herrmann** of the Lawrence Livermore National Laboratory, and **Scott R. Manalis** of MIT.

The award also acknowledged **William "Ruddy" Mell** of the University of Utah, **Mark A. Moline** of California Polytechnic State University, **Veena Misra** of North Carolina State University, **Jeffrey D. Niemann** of Penn State, **Christine Ortiz** of MIT, **Paul M. Ricker** of the University of Chicago, **Peter Traykovski** of Woods Hole Oceanographic Institution, **Erik Winfree** of Caltech, and **Z. John Zhang** of Georgia Tech.

Krauss Honored by AIP

In May, the American Institute of Physics presented its 2001 Andrew Gemant Award to **Lawrence Krauss** at a meeting of the American Physical Society's division of particles and fields, held in Williamsburg, Virginia.

AIP recognized Krauss for his "excellence in the interpretation of physics to the public through numerous newspaper and magazine articles, books, lectures, and television productions." He was especially commended for his "communication of sound scientific literacy through timely opinion pieces and books" and for his "efforts to address incorrect popular interpretations of science disseminated in the mass media." Krauss is the Ambrose Swasey Professor of Physics, professor of astronomy, and chairman of the physics department at Case Western Reserve University.



KRAUSS

Astronomical Society Is Bestowing Honors

This month, the Astronomical Society of the Pacific will present its awards for 2002 during its annual meeting at the University of California, Berkeley.

The ASP's highest honor, the Catherine Wolfe Bruce Gold Medal, will go to **Bohdan Paczynski**, Lyman Spitzer Jr Professor of Astrophysics at Princeton University. The society is recognizing his "revolutionary work in many fields of astronomy" and notes that he has made "major contributions to our understanding of interacting binary stars."

Volker Bromm will receive the Robert J. Trumpler Award, which is presented to a recent PhD recipient whose doctoral research is considered unusually important to astronomy. Bromm earned his doctorate in 2000 from Yale University under the guidance of Richard Larson and Paolo Coppi. His dissertation was entitled

"Star Formation in the Early Universe." He is a postdoctoral fellow at the Harvard-Smithsonian Center for Astrophysics.

The ASP will present its Dorothea Klumpke-Roberts Award, which recognizes an individual's outstanding contributions to the public's understanding and appreciation of astronomy, to two space artists. **Don Davis** of Palm Springs, California, is being acknowledged for his artwork and animations for planetarium shows, movies, and television programs such as the television series *Cosmos*. **Jon Lomberg** of Honaunau, Hawaii, has "gained fame as Carl Sagan's long-time collaborator," according to the ASP. He was the chief artist for *Cosmos* and designed astronomical animation for the film *Contact*. He also was the design director for NASA's Voyager interstellar record.

Dean Ketelsen, senior research specialist at the Steward Observatory's Mirror Laboratory in Tucson, Arizona, will receive the Las Cumbres Amateur Outreach Award, which the ASP first presented last year. The award honors outreach to the public and to children by an amateur astronomer. Since 1991, Ketelsen has organized an annual "Grand Canyon Star Party" at which volunteer amateur astronomers help visitors gain an appreciation of the night sky.

The Maria and Eric Muhlmann Award will go to **François Roddier**, who retired in December 2000 from his position as an astronomer at the University of Hawaii's Institute for Astronomy. The award honors scientists who have obtained important research results based on their development of groundbreaking instruments and techniques. According to the ASP, "since the 1980s, Roddier has played a key role in the development of adaptive optics... [and has] pioneered the theory of adaptive optics, particularly the understanding of atmospheric turbulence."

The ASP will present its Thomas J. Brennan Award to **Philip M. Sadler**, Francis W. Wright Lecturer and director of the science education department at the Harvard-Smithsonian Center for Astrophysics, for exceptional achievement related to the teaching of pre-college astronomy. According to the ASP, he has headed many institutes and curriculum projects to improve the teaching of science. He also invented the Starlab