

AAS Divisions Award Four Prizes

Three divisions of the American Astronomical Society have announced the winners of their awards for 2003.

The Dirk Brouwer Award, presented by the division on dynamical astronomy, went this year to **William Ward**, institute scientist in the space studies department at the Southwest Research Institute in Boulder, Colorado. He was recognized for his "many contributions to the field of dynamical astronomy over the past 30 years."

The historical astronomy division awarded the LeRoy Doggett Prize for Historical Astronomy to **Michael Hoskin**, a fellow of Churchill College at Cambridge University. According to the citation, he has "long been renowned for both his scholarship and the high standards he has maintained in editing and publishing," and, as founder and editor of the *Journal for the History of Astronomy*, he has "helped to define the field of historical astronomy and give it a central focus."

Reta Beebe received the Harold Masursky Award, given by the division for planetary sciences, for her "outstanding service to planetary science and exploration" through a combination of managerial, programmatic, and public service activities. Beebe is a professor of astronomy at New Mexico State University in Las Cruces.

The division for planetary sciences also awarded its Gerard P. Kuiper Prize to **Steven Ostro**, senior research scientist at NASA's Jet Propulsion Laboratory in Pasadena, California. He received the award for his "years of research demonstrating the power of radar techniques to wrest information from asteroids."

Science Writers Recognized by AIP

In 2003, four individuals have received awards for their science writing from the American Institute of Physics.

The Science Writing Award to a Scientist was presented to **Ray Jayawardhana**, assistant professor of astronomy at the University of Michigan, Ann Arbor, and a contributing editor to *Astronomy* magazine. He was recognized for "Beyond Black," an article he wrote for the June 2002 issue of that magazine.

The Science Writing Award to a Journalist went to **Diane Tennant**, staff-writer for *The Virginian-Pilot*, for

her seven-part article "A Cosmic Tale," which appeared in the 24–30 June 2001 issues of the newspaper.

Illustrator and author **Ron Miller** received the Science Writing Award for Children's Literature for four books in the Twenty-First Century Books series *Worlds Beyond*. At present, his works for that series are *Extrasolar Planets*, *The Sun*, *Jupiter*, and *Venus*.

Host **Bob McDonald**, senior producer **Jim Handman**, and producer **Pat Sensen**, all of *Quirks & Quarks*, a Canadian Broadcasting Corp radio show, shared the Science Writing Award in Broadcast Media for a segment entitled "It's About Time! Inside the Fourth Dimension." It aired on 8 September 2001 and can be heard at <http://www.radio.cbc.ca/programs/quirks/archives/01-02/sep0801.htm>.

Muller Is to Lead SoR

Susan Muller took office for a two-year term as president of the Society of Rheology during the society's annual meeting in October. She replaced **William Russel** (see PHYSICS TODAY, February 2002, page 67).



Muller

"I am delighted to serve the Society of Rheology and its membership," said Muller. She added that she "looks forward to working with the society to find ways of increasing membership and to serving mem-

bers who find themselves tackling an increasingly diverse array of synthetic and biological materials processing issues."

Muller is a professor of chemical engineering at the University of California, Berkeley (UCB) and an associate faculty scientist in the materials sciences division of Lawrence Berkeley National Laboratory. She received her undergraduate degree in chemical engineering from Princeton University in 1981 and her PhD in chemical engineering from MIT in 1986. After completing her postdoc at Schlumberger Cambridge Research in Cambridge, England, in 1987, Muller joined AT&T Bell Laboratories (now Lucent Technologies' Bell Labs) in Murray Hill, New Jersey, as a member of the technical staff. In 1991, she joined the UCB faculty as an assistant professor.

Muller was promoted to associate professor in 1997 and to professor in 2001. At UCB, Muller's research interests include non-Newtonian fluid mechanics, polymer dynamics, rheology, and microfluidics.

The society's new vice president is **Andrew Kraynik** (Sandia National Laboratories in Albuquerque, New Mexico). **Jeffrey A. Giacomin** (University of Wisconsin–Madison) retained his position as secretary and **Montgomery T. Shaw** (University of Connecticut, Storrs) was reelected treasurer. **Morton M. Denn** (City College of the City University of New York) also was reelected as editor of the society's *Journal of Rheology*. The new members-at-large on the society's executive committee are **Wesley Burghardt** (Northwestern University in Evanston, Illinois), **Timothy Lodge** (University of Minnesota in Minneapolis), and **Lynn Walker** (Carnegie Mellon University).

Bahcall Elected Vice President of APS

On 1 January 2004, **John Bahcall** of the Institute for Advanced Study in Princeton, New Jersey, will be the new vice president of the American Physical Society. Bahcall, who will become the society's president-elect in 2005 and president in 2006, succeeds **Marvin Cohen** (see PHYSICS TODAY, November 2002, page 88). **Helen Quinn** is the society's president for 2004 (see PHYSICS TODAY, December 2001, page 70).

Bahcall received all of his professional degrees in physics: his AB from the University of California, Berkeley, in 1956; his MS from the University of Chicago in 1957; and his PhD in 1961 from Harvard University. After spending two years as a research fellow at Indiana University, Bahcall taught physics at Caltech, where he remained for the next eight years.

Since 1971, Bahcall has been affiliated with the Institute for Advanced Study. He is currently the Richard Black Professor of Natural Sciences there and a visiting lecturer with the rank of professor at Princeton University. The recipient of numerous honors and awards, Bahcall is a leader within the astrophysics community. He has written or cowritten four books on astrophysics and served as president of the American Astronomical Society (1990–92). When he becomes president of APS, Bahcall will be the first person ever to have held the rank of president in both societies.

In his candidate statement, Bah-