

Geophysicists Honored by AGU

The American Geophysical Union recently named the recipients of its 2005 medals and awards in recognition of contributions to geophysics and society. Designation of awards took place in May at AGU's joint assembly meeting in New Orleans, Louisiana, and medals will be presented at the society's fall meeting in December in San Francisco.

Johannes Geiss has been chosen to receive the William Bowie Medal, AGU's highest honor. He is being recognized for his "fundamental contributions to our understanding of the composition of the universe, including the composition of the solar system." Geiss is a professor of physics at the International Space Science Institute in Bern, Switzerland.

François M. M. Morel takes home the Maurice Ewing Medal for "his leadership in the revolution in low-temperature aqueous geochemistry that has resulted in a new field of studies at the interface between marine chemistry and biology." Morel is the Albert Blanke Professor of Geoscience at Princeton University in Princeton, New Jersey.

Margaret Galland Kivelson has been selected as winner of the John Adam Fleming Medal "for her remarkable career in the fields of solar-terrestrial physics, heliospheric and planetary science and, in particular, planetary magnetism." Kivelson is a Distinguished Professor of Space Physics at UCLA.

The Harry H. Hess Medal goes to **Sean C. Solomon**, director of the Department of Terrestrial Magnetism at the Carnegie Institution in Washington, DC, "for his outstanding and influential scientific achievements in planetary science, seismology, and marine tectonics."

The Robert E. Horton Medal recipient is **Gedeon Dagan**, professor emeritus of hydrology at Tel Aviv University in Israel. He is being honored "for his undisputed leadership in stochastic groundwater hydrology and the mechanics of groundwater aquifers."

Thomas H. Jordan will receive the Inge Lehmann Medal "for his fundamental contributions to our understanding of the structure, composition, and dynamics of the Earth's mantle." Jordan is director of the Southern California Earthquake Center in Los

Angeles and is the W. M. Keck Professor of Earth Sciences at the University of Southern California in Los Angeles.

Paul D. Asimow, **A. Hope Jahren**, and **James T. Randerson** will each collect a James B. Macelwane Medal from AGU. This award acknowledges significant contributions to the geophysical sciences by outstanding young scientists. Asimow is an associate professor of geology and geochemistry at Caltech in Pasadena. Jahren is an associate professor of geobiology at Johns Hopkins University in Baltimore, Maryland. Randerson is an assistant professor of Earth system science at the University of California in Irvine.

The Edward A. Flinn III Award goes to **Yvon Balut** for his "unselfish cooperation in research through facilitating, coordinating and implementing research activities in paleoceanography and the study of quaternary climate change." Balut is chief of the oceanographic department of the French Polar Institute in Brest.

Uppugunduri Aswathanarayana takes home the Excellence in Geophysical Education Award "for his outstanding contributions and dedication to the improvement of geoscience education, institutional development, and environmental management in developing countries." Aswathanarayana is a professor and the Honorable Director of the Mahadevan International Centre for Water Resources Management in Hyderabad, India.

Tim Appenzeller, *National Geographic* magazine's senior editor for science, is being acknowledged with the Walter Sullivan Award for Excellence in Science Journalism—Features. He receives the honor for his article, "The Case of the Missing Carbon," which appeared in the February 2004 issue of the magazine.

Jeffrey Kluger, a senior writer for *TIME* magazine, receives the David Perlman Award for Excellence in Science Journalism—News for his article "Secrets of the Rings," which he wrote for the magazine's 12 July 2004 issue.

Wheeler Elected President of AAS

Members of the American Astronomical Society recently elected **J. Craig Wheeler** as their president-elect. Wheeler, who took office at the society's annual meeting in June, will serve as president-elect until June

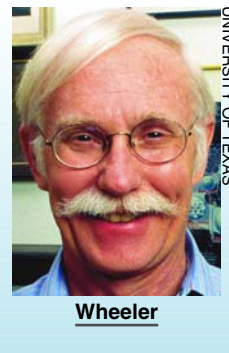
2006, when he will serve as president until June 2008. He succeeds **Robert Kirshner** (see *PHYSICS TODAY*, April 2003, page 79).

Wheeler received his BS in physics from MIT in 1965 and his PhD in physics from the University of Colorado in 1969. His research interests include supernovae, black holes, gamma-ray bursts, and astrobiology, and he heads the Supernova Research Group at the University of Texas at Austin (UT). Wheeler serves on the space studies board of the National Research Council and is co-chair of the NRC committee on the origin and evolution of life. He is a member of the University of Texas Academy of Distinguished Teachers.

Currently, Wheeler is the Samuel T. and Fern Yanagisawa Regents Professor of Astronomy at UT. He has published about 300 papers in refereed journals and conference proceedings, edited five books, and published a popular-level book, *Cosmic Catastrophes: Supernovae, Gamma-Ray Bursts and Adventures in Hyperspace* (Cambridge U. Press, 2000).

"I'm honored and pleased to take on this office and I'm looking forward to leading a very healthy and vibrant Society," Wheeler says. "Current issues facing the Society are the fate of the *Hubble Space Telescope* and integrating astronomical research with the goal of sending humans to the Moon and Mars."

In other AAS election results, **Paul A. Vanden Bout** (National Radio Astronomy Observatory) will serve a three-year term as society vice president and **Hervey Stockman** (Space Telescope Science Institute) will serve a three-year term as society treasurer. **Michael A'Hearn** (University of Maryland) is the new publications board chair and **Paul Hodge** (University of Washington) is the society's new member of the US National Committee for the International Astronomical Union. Also, **Lee W. Hartmann** (Harvard-Smithsonian Center for Astrophysics), **Suzanne L. Hawley** (University of Washington), and **James S. Ulvestad** (National Radio Astronomy Observatory) will serve three-year terms as AAS councilors.



UNIVERSITY OF TEXAS

Wheeler