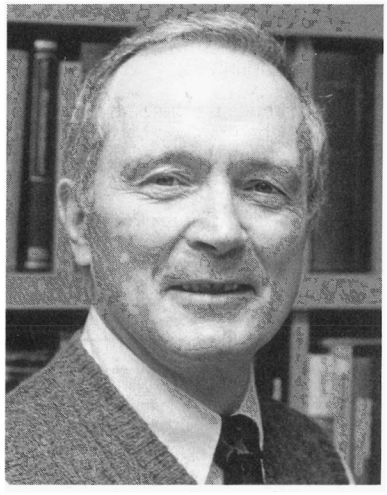
AGU MEDALS RECOGNIZE OUTSTANDING WORK IN GEOPHYSICS

At the American Geophysical Union's spring meeting in Baltimore, six individuals were presented with awards in recognition of their contributions to geophysics.

The William Bowie Medal, AGU's highest honor, went to **Peter S. Eagleson** of MIT. "Through his personal research and teaching," the award citation said, "he has made seminal contributions to fundamental hydrologic understanding, contributions whose originality and insight place them among the more exciting advances in our field over the past quarter-century. Through his unselfish dedication to defining and promoting the scientific research agenda for hydrology, he is internationally recognized as a leader of the field." Eagleson is the Edmund K. Turner Professor of Civil and Environmental Engineering, Emeritus, at MIT.



Peter S. Eagleson

Daniel J. Jacob received the James B. Macelwane Medal, given for significant contributions by a young scientist. The award citation praised Jacob's involvement in developing the Harvard–Goddard Institute of Space Studies Global Chemical Transport Model—"one of the premier research tools for atmospheric chemistry in the world"—and in analyzing observations from a number of field programs, through which he has sought to quantify the impact of anthropogenic pollution on the natural environment. Jacob is a professor of atmospheric chemistry at Harvard University.

AGU presented the John Adam Fleming Medal to **John A. Jacobs.** Among his contributions, the award citation noted in particular that Jacobs was responsible for the concept that "the inner–outer core [of the Earth] is a phase boundary, below which freezing occurs." This concept has been central to efforts to determine the Earth's thermal history and the temperatures in the Earth's core. Jacobs is a professor in the Institute of Earth Studies at the University of Wales.

The Robert E. Horton Medal was awarded to **Mikhail I. Budyko.** He was cited for his pioneering research on the relationship between large-scale energy balance and large-scale water balance and on the biospheric aspects of the hydrological cycle. Budyko is a professor at the State Hydrological Institute in Saint Petersburg, Russia.

F. Sherwood Rowland received this year's Roger Revelle Medal for "the codiscovery of the threat posed by chlorofluorocarbons to the stratospheric ozone layer, for fundamental contributions to atmospheric chemistry leading to an understanding of the global distributions of trace chemicals and the origin of the 'ozone hole,' and for unwavering dedication to the preservation of the global ozone shield and protection of human welfare." Rowland is a professor of chemistry at the University of California, Irvine.

The Walter Sullivan Award, given for excellence in science journalism, was presented to **Robert Kunzig.** He was chosen for his article "Between Home and the Abyss," which appeared in the December 1993 issue of *Discover* magazine, where Kunzig is a senior editor. The article describes his experiences aboard Atlantis II, a research vessel operated by the Woods Hole Oceanographic Institution, as it monitored an ocean dive of the deep-sea submersible Alvin.

OBITUARIES

David Joseph Bohm

David Bohm, emeritus professor of theoretical physics at Birkbeck College of the University of London and a fellow of the Royal Society, died of a heart attack on 27 October 1992, at

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David Joseph Bohm