



Inaugural Award of the Jardetzky Medal and

17th Annual

W.S. Jardetzky Lecture

Honored Past Lecturers

Stephen R. Rintoul, 2010
CSIRO Marine and Atmospheric Research

Sallie W. Chisholm, 2009
Massachusetts Institute of Technology

Donald W. Forsyth, 2008
Brown University

Inez Fung, 2007
University of California, Berkeley

Barbara Romanowicz, 2006
University of California, Berkeley

Nicolas Gruber, 2005
Swiss Federal Institute of Technology Zurich

Alan R. Levander, 2003
Rice University

David M. Karl, 2002
SOEST, University of Hawaii

Veerabhadran Ramanathan, 2000
*Scripps Institution of Oceanography
University of California, San Diego*

John R. Delaney, 1999
University of Washington

Peter H. Raven, 1998
Missouri Botanical Garden

Sir Nicholas Shackleton (1937-2006), 1996
University of Cambridge

Dan McKenzie, 1995
University of Cambridge

Sean C. Solomon, 1994
*Lamont-Doherty Earth Observatory
Columbia University*

Edward A. Irving, 1993
Geological Survey of Canada

Frank Press, 1992
U.S. National Academy of Sciences

Ellen Mosley-Thompson

Distinguished University Professor
Department of Geography, Atmospheric Science Program
Director, Byrd Polar Research Center
The Ohio State University

Past and Contemporary Climate Change: Evidence from Earth's Ice Cover

Ice cores from Greenland and Antarctica as well as from glaciers and ice caps at high elevations in lower latitudes provide unique insights on Earth's climate history and the long term context critical for assessing contemporary climate variability. Abrupt climate change is not a recent phenomenon. Current widespread glacier retreat suggests large and rapid changes in the climatic regimes that sustain them and some tropical glaciers no longer retain the unique paleoclimate records they once archived.

Friday, 5 April 2013 at 3:00 p.m.
Monell Auditorium
Reception to follow

The Jardetzky lecture in geophysics honors the late Wenceslas S. Jardetzky, a renowned researcher and educator whose flourishing scientific career in Europe was halted by World War II and revived after he emigrated to the United States. From 1949 until his death in 1962, he was a research associate at Lamont-Doherty.

The Jardetzky lecture was established in 1992 by Dr. Jardetzky's son Oleg, who is the founder of the Magnetic Resonance Laboratory and professor of molecular pharmacology at Stanford University. In endowing the lectureship, Dr. Jardetzky said he hoped it would "help enrich the outstanding tradition of the Lamont-Doherty Earth Observatory, which provided a much cherished intellectual home to my father after he emigrated to this country."