



NEW YORK CITY  
INTERNATIONAL  
**POLAR**  
WEEKEND

**February 2 and 3, 2008 – 12:00 to 5:30 p.m.**  
**American Museum of Natural History (79th Street & Central Park West)**  
**FREE! With Museum Admission**

**Join the American Museum of Natural History, Columbia University, Barnard College, and Wings WorldQuest, with special participation from the Norwegian Consulate and support from NSF, to celebrate the second season of International Polar Year (IPY) 2007–2008 and to reflect on New York City's vital role in the history of polar exploration.**

The Museum will host two days of lectures, panel discussions, films, and family events. An interactive “polar fair” will feature a walk-through lavvu, a type of temporary dwelling used by the Sami people of northern

Scandinavia, and a portable polar research tent. Family fun will include Inuit throat singers, Sami performers and artists from Norway, a simulated northern lights display, and a presentation on marine mammals by the Central Park and Bronx Zoos. More in-depth programs include discussions about global warming and the melting Arctic ice sheet and showcase some of the cutting-edge discoveries made so far during this IPY.

For more than a century, New York has been a hub of polar exploration and discovery.

Expeditions have set off from its piers and returned with sometimes surprising findings. Previous “polar years,” 1882–1883, 1932–1933, and 1957–1958, helped provide much of our current knowledge about these remote places. From March 2007 to March 2009, scientists around the world are being deployed on ice-breaking ships and to field stations to investigate how the polar regions affect the Earth's climate, ecosystems, and society.

Visit [www.amnh.org/polar](http://www.amnh.org/polar) for complete schedule.

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**BARNARD**  
THE LIBERAL ARTS COLLEGE  
FOR WOMEN  
IN NEW YORK CITY



THE EXPLORERS CLUB



 **The Earth Institute**  
AT COLUMBIA UNIVERSITY



THE NATIONAL SCIENCE  
FOUNDATION

AMERICAN MUSEUM OF NATURAL HISTORY 

  
NORWEGIAN CONSULATE GENERAL

 **LAMONT-DOHERTY  
EARTH OBSERVATORY**  
THE EARTH INSTITUTE AT COLUMBIA UNIVERSITY

Public Programs are made possible, in part, by the Rita and Frits Markus Fund for Public Understanding of Science. / *Water: H2O = Life* is organized by the American Museum of Natural History, New York ([www.amnh.org](http://www.amnh.org)), and the Science Museum of Minnesota, St. Paul ([www.smm.org](http://www.smm.org)), in collaboration with Great Lakes Science Center, Cleveland; The Field Museum, Chicago; Instituto Sangari, São Paulo, Brazil; National Museum of Australia, Canberra; Royal Ontario Museum, Toronto, Canada; San Diego Natural History Museum; and Singapore Science Centre with PUB Singapore. / The American Museum of Natural History gratefully acknowledges the **Tamarind Foundation** for its leadership support of *Water: H2O = Life*, and the **Johns Hopkins Center for a Livable Future** for its assistance. / Exclusive corporate sponsor for education is **JPMorgan and Chase**. / *Water: H2O = Life* is supported by a generous grant from the **National Science Foundation**. / The support of the National Oceanic and Atmospheric Administration is appreciated. / The Museum extends its gratitude to the Panta Rhea Foundation, Park Foundation, and Wege Foundation for their support of the exhibition's educational programming and materials.



## POLAR WEEKEND 2008 PROGRAM



| PERFORMANCES & PRESENTATIONS  | INTERACTIVE POLAR FAIR<br>SATURDAY & SUNDAY   | FILM CLIPS & TALKS   |
|---|---|--|
| <p><b><u>SATURDAY 2/2/08</u></b></p> <ul style="list-style-type: none"> <li>• <b>Canadian Inuit Throatsinging</b></li> <li>• <b>In headwind and tailwind</b> - stories from expeditions in Antarctica and the Arctic - Liv Arnesen, Norwegian Explorer</li> <li>• <b>Northern Lights:</b> A message from the Sun - Pål Brekke, Norwegian Space Centre</li> <li>• <b>Norwegian Sami Performers</b> - Johan Anders Bær &amp; Company</li> <li>• <b>Dramatic Changes in Polar Ice:</b> What Happens There Matters Here - Waleed Abdalati, NASA</li> <li>• <b>Lakes Under Ice</b> - Michael Studinger, Lamont-Doherty Earth Observatory (LDEO)</li> <li>• <b>The Art of Science:</b> Schoolchildren in Siberia are contributing to information on climate change. Max Holmes, Woods Hole Research Center</li> </ul> <p><b><u>SUNDAY 2/3/08</u></b></p> <ul style="list-style-type: none"> <li>• <b>Canadian Inuit Throatsinging</b></li> <li>• <b>In headwind and tailwind</b> - stories from expeditions in Antarctica and the Arctic - Liv Arnesen, Norwegian Explorer</li> <li>• <b>Northern Lights:</b> A message from the Sun - Pål Brekke, Norwegian Space Centre</li> <li>• <b>Norwegian Sami Performers</b> - Johan Anders Bær &amp; Company</li> <li>• <b>Dramatic Changes in Polar Ice:</b> What Happens There Matters Here - Waleed Abdalati, NASA</li> <li>• <b>Exploring the Changing Poles</b> –Robin Bell, Lamont-Doherty Earth Observatory</li> <li>• <b>Marine Mammals:</b> Penguins and Polar Bears - Central Park/Bronx Zoo</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Lakes &amp; Mountains under ice?</b> - Robin Bell &amp; Michael Studinger, Lamont-Doherty Earth Observatory</li> <li>• <b>Imaging the Poles</b> – Suzanne Carbotte, LDEO</li> <li>• <b>Polar Landscapes in New York</b> - Dorothy Peteet, NASA Goddard Institute for Space Studies &amp; LDEO</li> <li>• <b>Greenland in New York?</b> How can that be? - Yuri Gorokhovitch, Lehman College</li> <li>• <b>Norwegian Sami culture &amp; life</b> in the Circumpolar Region -special Norwegian Guests</li> <li>• <b>US/Norwegian IPY Expedition</b> - Tom Neumann, Univ. of Vermont</li> <li>• <b>Create Polar Art</b>– Illustrating PolarBooks - Girl Scouts of America</li> <li>• <b>What is it like to work in the poles?</b> Visit a Polar Work Station, Drill an Ice Core! Ken Hunkins, LDEO, Charles Bentley, University of Wisconsin</li> <li>• <b>Polar Warming and Melting</b> - David Holland, NYU</li> <li>• <b>Life in the Icy Waters</b> – Ray Sambratto &amp; Andy Juhl, LDEO</li> <li>• <b>What Motivates Exploration</b> - Debika Shome, Center for Research on Environmental Decisions, Columbia University</li> <li>• <b>Exploration and Polar History</b> - Milbry Polk and WINGS WorldQuest</li> <li>• <b>Teachers on Ice</b> - Lisbeth Uribe, The School at Columbia;</li> <li>• <b>Flexhibit</b> Vanessa Miller, ANDRILL /ARISE &amp; Central Park East II</li> <li>• <b>Drilling Back to Our Future</b> – ANDRILL – Steve Pekar, Queens College</li> <li>• <b>Penguins and Polar Bears and the tip of the Iceberg</b> - Central Park and Bronx Zoo</li> <li>• <b>Picturing Heat From Ice</b> - Malcolm LeCompte, Elizabeth City State Univ.</li> <li>• <b>Understanding Glacier Flow</b> - With David Braaten, CRESIS, Kansas University</li> <li>• <b>Do you contribute to Global Warming</b> The Earth Institute of Columbia University</li> <li>• <b>Build an Igloo</b> – Norbert Yankielun, CRREL</li> </ul> | <p><b><u>SATURDAY 2/2/08</u></b></p> <ul style="list-style-type: none"> <li>• <b>Living Antarctica: Filming Extreme Science... on Ice</b> - Anne Aghion, film director and producer</li> <li>• <b>Global Warming &amp; The Melting Arctic Ice</b> - Cecilie Mauritzen, Norwegian Meteorological Institute</li> <li>• <b>Norway-USA Traverse of East Antarctica</b> - Tom Neumann &amp; Zoe Courville, University of Vermont</li> <li>• <b>The Psychology of Environmental Decision Making</b> - Sabine Marx, CRED, Columbia</li> <li>• <b>New York Students on Ice</b> - Milbry Polk and NYC students</li> <li>• <b>International Polar Year 2007-2008</b> – what are we really doing? - National Science Foundation</li> </ul> <p><b><u>SUNDAY 2/3/08</u></b></p> <ul style="list-style-type: none"> <li>• <b>Norway-USA Traverse of East Antarctica</b> - Tom Neumann &amp; Zoe Courville, University of Vermont</li> <li>• <b>Global Warming &amp; The Melting Arctic Ice</b> - Cecilie Mauritzen, Norwegian Meteorological Institute</li> <li>• <b>Global Warming, What Can You Do?</b> - Earth Institute of Columbia University</li> <li>• <b>Living Antarctica: Filming Extreme Science... on Ice</b> - Anne Aghion, film director and producer</li> <li>• <b>At the End of the Earth: How Poles, Ice and Imagination Shape the World</b> - Geoffrey Brackett, PACE University</li> <li>• <b>International Polar Year 2007-2008</b> – what are we really doing? - National Science Foundation</li> </ul> |