



NEW YORK CITY
INTERNATIONAL
**POLAR
WEEKEND**

February 7 and 8, 2009 – 12:00 to 5:00 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, Polar-Palooza, and Wings World-Quest with special participation from the Norwegian Consulate and support from the National Science Foundation, to celebrate the wrap up of the International Polar Year (IPY) 2007-2008, and review our accomplishments!

The Museum will host two days of events and activities for all ages, including performances, short lectures, polar sculpture and art pieces created specifically for this event, film clips with commentary, and an interactive "Polar Fair". Special multi-media presentations by Polar-Palooza will show-

case polar scientists and their research. The fair will feature large sculpted arctic moulins and glacier art pieces, a walk-through lavvu - a 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 visit with Barbara Hillary (the first African-American woman to reach the North Pole on skis, at age 75), simulated northern lights display, and a presentation on marine mammals by the Central Park and Bronx Zoos. More in-depth programs include remembering the 100 year anniversary of the Peary-Henson expedition to reach the North Pole, discussions about climate

change and the melting Arctic ice sheet, and some of the cutting-edge discoveries made during this IPY.

For more than a century, New York has been a hub of polar exploration and discovery. 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 have been on ice-breaking ships and field locations to investigate how the polar regions affect the Earth's climate, ecosystems, and society.

Visit www.amnh.org/polar for a complete schedule.

www.amnh.org/polar



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



**POLAR
PALOOZA**

Public programs are made possible, in part, by the Rita and Frits Markus Fund for Public Understanding of Science. / *Climate Change* is organized by the American Museum of Natural History, New York (www.amnh.org), in collaboration with the Abu Dhabi Authority for Culture & Heritage, United Arab Emirates; The Cleveland Museum of Natural History; The Field Museum, Chicago; Instituto Sangari, São Paulo, Brazil; Junta de Castilla y León, Spain; Korea Green Foundation, Seoul; Natural History Museum of Denmark, Copenhagen; Papalote Museo del Niño, Mexico City, Mexico; and Saint Louis Science Center. / Proudly presented by **Bank of America**. / Major support has also been provided by the **Rockefeller Foundation**. / Additional support for *Climate Change* and its related educational programming has been provided by Mary and David Solomon, the Betsy and Jesse Fink Foundation, the Linden Trust for Conservation, and the Red Crane Foundation.

Presentations & Performances in
Kaufmann Theater

Saturday 2/7/09

-12:00 – 12:45 PM: Polar-Palooza - Climate & Our Changing Planet - With Richard Alley, Pennsylvania State University, & Andy Revkin, New York Times

-1:00-1:45 PM: Polar-Palooza - Seals, Native Lifestyles, Snow - Stories from Our Changing Planet - With Mary Albert, Cold Regions Research & Engineering Lab, Michael Castellini, University of Fairbanks Alaska, Orville Huntington, Alaskan biologist

-2:00-2:30 PM: Canadian Inuit Throatsinging - With Nukariik Cultural Performers

-2:45-3:15 PM: From Harlem to the North Pole - on skis, at 75, and the first African American Woman to Do So! - With Barbara Hillary

-3:30-4:00 PM: Northern Lights: A Message from the Sun - With Pål Brekke, Norwegian Space Centre

-4:15 – 5:00 PM: Stories from the Bottom of the World- With Robin Bell, Michael Studinger, Adrienne Block, Lamont-Doherty Earth Observatory Program for 2009

Sunday 2/8/09

-12:00 – 12:30 PM: Canadian Inuit Throatsinging - With Nukariik Cultural Performers

-12:45-1:30 PM: Polar-Palooza - Seals, Native Lifestyles, Snow - Stories from Our Changing Planet - With Mary Albert, Cold Regions Research & Engineering Lab, Michael Castellini, University of Fairbanks Alaska, Orville Huntington, Alaskan biologist

-1:45-2:15 PM: Performance with Sami Sisters -With Norwegian Sami Performers Sara Marielle Gaup and Risten Anine Gaup

-2:30-3:00 PM: Northern Lights: A Message from the Sun - With Pål Brekke, Norwegian Space Centre

-3:15 – 3:45 PM: Marine Mammals: Penguins & Polar Bears - Performance With Central Park/Bronx Zoo Players

-4:00 -4:45 PM: Polar-Palooza - Climate & Our Changing Planet - With Richard Alley, Pennsylvania State University, & Andy Revkin, New York Times

POLAR FAIR in the Grand Gallery& the
Hall of Northwest Coast Indians

Saturday 2/7/09 & Sunday 2/8/09

-Lakes & Mountains Under Ice? Lake Vostok and the Gamburtsev Mountains - With Robin Bell, Michael Studinger, and Adrienne Block, Lamont-Doherty Earth Observatory

-Polar Landscapes in New York - With Dorothy Peteet, NASA Goddard Institute for Space Studies and Lamont-Doherty Earth Observatory, and Miriam Jones, Sanpisa Sritirairat, Maia Beh and Calder Orr, Lamont-Doherty Earth Observatory

-Edge of the Icefiord, Ilulissat - With Marcia Clark, IPY Artist

-Arctic Ice Melt: Moulins of My Mind-With Cornelia Kavanaugh, Artist, Sculptor

-Shrinking Arctic Ice - With Stephanie Pfirman, Barnard College

-ANDRILL, Drilling Back to Our Future - With Steve Pekar, Queens College, And Antarctica's Climate Secrets - With Vanessa Miller, Central Park East II, Julia Dooley, West Park Place Elementary School

-School of Rocks - With International Ocean Drilling Program

-Norwegian Sami Culture & Life in the Circumpolar Region With Norwegian Consulate Staff and Guests

-Science Bulletins - Moñtanas en Movimiento (Mountains & Glaciers) - Created By The National Center for Science Literacy, Education, and Technology, AMNH

-Penguins and Polar Bears and the Tip of the Iceberg - With the Central Park and Bronx Zoo

-Create Polar Art- Illustrate Arctic & Antarctic Experiences - With Girl Scouts of America Join with the Zoo to help create Polar Art

-What is it Like to Work in the Poles? Visit a Portable Polar Work Station Straight from the Poles! With Ken Hunkins, Lamont-Doherty Earth Observatory, Charles Bentley, Ice Core & Drilling Services, University of Wisconsin

-Polar Warming and Melting - With David Holland, New York University

-Peary & Henson 100 Year Anniversary—To the North Pole!

With Deirdre Stam, Palmer Library & Genevieve LeMoine, The Peary-MacMillan Arctic Museum

-Exploration and Polar History - With Milbry Polk and Wings World Quest

-One Woman's Journey to the North Pole at 75 Years of Age - With Barbara Hillary

-Teachers on Ice - With Elke Bergholz, United Nations International School and Lisbeth Uribe, The School at Columbia

-Celebrating Native Polar Art and Artists - With Look North Gallery

-Measuring the Temperature of Polar Ice from Space! - With Malcolm LeCompte, Elizabeth City State University

-Northern Lights: Aurora Borealis - With Pål Brekke, Norwegian Space Centre

-Fossils in Antarctica and the Arctic? What Used to Live There? - With Carl Mehling, AMNH

-Do you Contribute to Global Warming? With The Earth Institute of Columbia University

Film Clips & Talks in Linder Theater

Saturday 2/7/09

-12:00 –12:30 PM: Floating Ice Meets Polar Waters - With David Holland, New York University

-12:45- 1:30 PM: Terra Antarctica, Re-Discovering the Seventh Continent- With Jon Bowermaster, Adventurer, writer, filmmaker

-1:45-2:15 PM: Climate: Personal Stories of the Impact on Norwegian Communities - With Olav Orheim, Research Council of Norway, Norwegian IPY

-2:30–3:00 PM: Intro to Aasivik Fire & Ice Ceremony: Melting the Ice in the Hearts of Man - With Greenland Elder Angaangaq

-3:15–4:00 PM: Performance with Sami Sisters -With Norwegian Sami Performers Sara Marielle Gaup and Risten Anine Gaup

-4:15 -5:00 PM: "Having the Time of Our Lives": With Robert E. Peary on the Quest for the North Pole -With Genevieve LeMoine, curator at the Arctic Museum

Sunday 2/8/09

-12:00-12:30 PM: Climate: Personal Stories of the Impact on Norwegian Communities - With Olav Orheim, Research Council of Norway, Norwegian IPY

-12:45 -1:15 PM: A Black Man's Quest for the North Pole: Matthew A. Henson's Historic 1909 Journey -With Deirdre C. Stamm, Palmer Library

-1:30 –2:00 PM: Silent Snow - The Slow Poisoning of the Arctic (Film) - With annotation by polar scientists

-2:15– 2:45 PM: Intro to Aasivik Fire & Ice Ceremony: Melting the Ice in the Hearts of Man - With Greenland Elder Angaangaq

-3:00 – 3:45 PM: Looking Back to Our Future: Climate and Atmospheric CO2 Changes During Ancient Greenhouse Worlds - With Stephen Pekar, Queens College

-4:00 -4:30 PM: Nansen and Shackleton: Just Going With the Floe? With Stephanie Pfirman, Barnard College