



Teachers Experiencing Antarctica and the Arctic



Participant & Project List
Antarctic Field Season 2002/03

Through the Teachers Experiencing Antarctica and the Arctic Program (TEA) teachers journey to polar regions to participate in scientific research. As TEA Associates, other teachers bring this experience into their classrooms. The TEA Program is a partnership among teachers, researchers, and school districts.

TEA is sponsored by the National Science Foundation's Division of Elementary, Secondary, and Informal Education in the Directorate of Education and Human Resources and the Office of Polar Programs. TEA is facilitated by the American Museum of Natural History, the Cold Regions Research and Engineering Laboratory, and Rice University.

For more information please visit: <http://tea.rice.edu>

TEA Teacher: Andrew Caldwell

Douglas County High School, Castle Rock, CO
What: Antarctic Search for Meteorites with Dr. Ralph Harvey & Dr. Nancy Chabot (Case Western Reserve University)
When: 17 November 2002 to 19 January 2003
Where: remote ice fields in Antarctica
http://tea.rice.edu/tea_caldwellfrontpage.html

TEA Teacher: Jerri-Lynn Hollyfield

McElwain Elementary, Birmingham, AL
What: Chemical Ecology of Shallow Water Marine Macroalgae & Invertebrates on the Antarctic Peninsula with Dr. Charles Amsler and Dr. James McClintock (University of Alabama)
When: 2 April to 9 May 2003
Where: Palmer Station
http://tea.rice.edu/tea_hollyfieldfrontpage.html

TEA Teacher: Eric Muhs

Roosevelt High School, Seattle, WA
What: Antarctic Muon and Neutrino Detector Array (AMANDA) with Dr. Francis Halzen & Dr. James Madsen (University of Wisconsin)
When: 1 to 16 December 2002
Where: Amundsen-Scott South Pole Station
http://tea.rice.edu/tea_muhsfrontpage.html

TEA Teacher: Mary Ann DeMello

John W. Rogers Middle School, Rockland, MA
What: Millennial-Scale Fluctuations of Dry Valleys Lakes: Implications for Climate Variability with Dr. Brenda Hall (University of Maine)
When: 24 December 2002 to 10 February 2003
Where: McMurdo Dry Valleys
http://tea.rice.edu/tea_demellofrontpage.html

TEA Teacher: Louise Tolle Huffman

Kennedy Junior High School, Lisle, IL
What: Long Term Ecological Research (LTER) -- Flow, Sediment Transport, and Productivity of Streams with Dr. Diane McKnight (University of Colorado, Boulder) & Dr. Daryl Moorhouse (University of Ohio)
When: 22 December 2002 to 1 February 2003
Where: McMurdo Dry Valleys
http://tea.rice.edu/tea_huffmanfrontpage.html

TEA Teacher: Michael Weiss

Yarmouth High School, Yarmouth, ME
What: Ferrar Magmatic System with Dr. Bruce Marsh (Johns Hopkins University)
When: 2 to 25 January 2003
Where: McMurdo Dry Valleys
http://tea.rice.edu/tea_weissfrontpage.html

also in the field

Elizabeth Youngman

Phoenix Country Day School, Paradise Valley, AZ
What: International Trans-Antarctic Scientific Expedition (ITASE) with Dr. Markus Frey (University of Arizona)
When: November to December 2002
Where: Byrd Camp to South Pole
http://tea.rice.edu/tea_youngmanfrontpage.html

Barb Schulz

HutchLab, a research outreach program for students through the Fred Hutchinson Cancer Research Center
What: Yeast in the Antarctic Dry Valleys: Biological role, distribution, and evolution with Dr. Laurie Connell (University of Maine)
Where: McMurdo Dry Valleys
When: 20 November to December 2002
http://tea.rice.edu/tea_schulzfrontpage.html

TEA Arctic 2003/04 Field Season Participants

David Brown (St. Peter School, IL)
Amie Foster (Simmons Middle School, IL)
Sean Lally (Sewickley Academy, PA)

Lars Long (DeLong Middle School, WI)
Dora Nelson (Carolina Day School, NC)
James Rogers (Polson High School, MT)