

Santa Fe Science Café For Young Thinkers

“High and Dry at the South Pole”

Karolyn Eisenstein
U.S. National Science Foundation [Retired]

Thursday, November 12, 2009

6 – 7:30 PM

*Georgia O’Keeffe Museum Education Annex
123 Grant Avenue, Santa Fe*

Come share my adventures at the South Pole – the highest, driest, cleanest, coldest desert on Earth. We’ll travel there via New Zealand and the McMurdo station on the "coast" of Antarctica aboard a C130 Hercules cargo plane. The question we’ll explore is: what kinds of scientific research justify the effort and expense of setting up laboratories at the South Pole? Why is the Pole a unique place to study the Earth’s atmosphere, the ozone hole and solar winds, or to measure subatomic particles from outer space and evidence of the early universe? What kind of biological organisms might we find in such an extreme environment?

Admission is Free. Youth (ages 13-19) seating a priority. Light refreshments will be served.

Karolyn will also appear on the KSFR Radio Café (101.1 FM) with host Mary Charlotte at 8:00 AM earlier in the day.

Karolyn was the NSF science officer at the South Pole Station during the austral summer of December, 2000. A native of the Panhandle of Texas, Karolyn holds a B.S. degree from Texas Tech and a Ph.D. in chemistry from Yale University. She worked at Carnegie-Mellon University, the University of Illinois, and lastly at NSF before retiring to Santa Fe. Her career ranged over management of large research centers in electronic materials to promotion of undergraduate research opportunities.

The Café is sponsored by the Santa Fe Alliance for Science, the Santa Fe Public Schools, the Georgia O’Keeffe Museum, the Santa Fe Institute, and the New Mexico Public Education Department.

Please call 603-7468 if you’d like more information.