
Shelley Olds

**Education and Outreach Program,
UNAVCO
Boulder, CO**



Shelley is a graduate from Millersville University's Earth Science / Geophysics program. After graduation, she began a career as a geologist in the environmental consulting industry to help clean up Superfund and other environmentally impacted sites. While this was fulfilling on many levels, the calling to share with others her excitement about science led her to pursue and complete an Education Masters degree in Instructional Systems Development. For the past decade, Shelley has had the privilege to work with many scientists to interpret their cutting edge results into learning activities and products for K-12 and college-level students and faculty.

She has worked with NASA Education to coordinate education programs and to support the Destination Earth website redesign, lead the [DLESE Teaching Box](#) project at the University Corporation for Atmospheric Research in Boulder, CO to facilitate collaborations between educators, scientists, designers, and technologists to develop classroom-ready instructional units that model scientific inquiry, and is currently a Science Education Specialist for UNAVCO's Education and Outreach program to create free educational materials that use geodetic data and data products for undergraduate and secondary Earth science courses, provide professional development opportunities for K-12, college and university faculty, and manage the web content for UNAVCO Education & Outreach.

Department of Earth Sciences Brown Bag Seminar

***GPS Geodesy as
Windows on Earth:
Exploring Plate
Tectonics and Other
Phenomena***

Join us as we explore how high-precision GPS and other geodetic technologies have led to new discoveries in Earth science. We'll take a look at some of the results from cutting edge research that you might not find in your textbooks such as episodic, tremor, and slip in the Pacific Northwest, plate deformation during and after an earthquake along the San Andreas fault, volcanoes 'breathing' in Italy and Yellowstone, and glacial isostatic adjustment in North America and Greenland.

**Friday, April 24, 2009, 12:00 – 1:00 p.m.
Caputo 400**

Bring your lunch and your curiosity. This will be a whirlwind hour!