



" Mylonites and Mutton in the Land of Genghis Khan" Presented by Dr. Laura Webb

Mongolia is a large and sparsely populated country with little infrastructure sandwiched between Russia and China. The Gobi desert encompasses the southeastern portion of the country and is the home to nomadic herders, Buddhist monks, dinosaur bones and an amazing variety of wildlife. It is considered one of the most remote regions of Asia and one of the last frontiers of economic geology. The East Gobi Fault Zone is an intracontinental shear zone that records evidence for multiple stages of faulting, igneous activity, and basin development since the Paleozoic. Dr. Webb and her colleagues are attempting to unravel the details of the long and complex history of this structural corridor. Mongolia has essentially played as a wildcard in Asian tectonics due to paucity of data and the results of this work bear on the viability of regional tectonic models as well as the growth and evolution of continents.

Presenting September's program is Dr. Laura Webb, a Research Assistant Professor in the Department of Earth Sciences at Syracuse University and manages the Syracuse University Noble Gas Isotopic Research Laboratory (SUNGIRL). Her research involves field mapping and detailed structural, petrological, and geochronological analyses to solve tectonic problems. Through collaborative, multidisciplinary research she seeks to better understand the linkage between processes operating at deep and shallow lithospheric levels and the time scales of tectonic processes. Dr. Webb has spent the last decade working on problems

related to Asian tectonics including several field seasons in both Mongolia and China.

Meeting logistics: The meeting will take place on Thursday, September 16th at Baltimore Woods, Marcellus, NY. Please partake in a self-guided walk around the lakes from 5:00 p.m. to 6:00 p.m., followed by a catered dinner at 6:00 p.m. Our featured speaker, Dr. Webb, will begin her program at 7:00 p.m. in the Interpretive Center. The cost of dinner is \$10 for members, \$12 for non-members, and \$10 for student members. Please RSVP by Monday, September 13, 2004 to Bonnie at Parratt-Wolff via e-mail at bolney@pwinc.com or 437-1429.

DIRECTIONS: To get to Baltimore Woods from Syracuse:

- Take Rte 175 (Seneca Turnpike) to Marcellus
- Turn left at blinking light
- Take the first right (after gas station)
- At 'T' intersection turn left and follow road as it bends around to right
- At 'T' intersection turn left onto South Street
- Follow South a short distance to 'Y' in road
- Bear right at "Y" onto Bishop Hill Rd.
- Baltimore Woods is 1/2 mile up the hill on your right.

For more information about Baltimore Woods, and for additional maps and directions, please visit <http://www.takeahike.org>.

Calendar

October 14, 2004	The CNYAPG will present Dr. Barbara Bekins of the USGS. Her presentation, 'The Influence of Hydrogeology on 25 Years of Natural Attenuation at a Crude Oil Spill Site' is part of the GSA Hydrogeology Division's Birdsall-Dreiss Lecture Series. (Note earlier date for this meeting. Location and details will be provided later)
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Maps

