

## Seminars and Conferences

### UCSB On-campus

#### 2005-2006

UCSB Science Lite, *Tsunamis and Earthquakes—A Double Hit. Living in Santa Barbara You Can Have Both—Paradise Lost*, lecturer, Ralph Archuleta

### Off Campus-Invited Lectures

#### 2005

2005, Seismological Society of Japan, Fall meeting, “Comparison of nonlinear site response from the two large 2003 and 2005 Miyagi-oki earthquakes”, Kenichi Tsuda and Jamison Steidl

2005, Seismological Society of Japan, Fall meeting” Predictability of site response at Sendai City,” Kenichi Tsuda and Ralph Archuleta

2005, Seismological Society of Japan, Fall meeting, “Estimation of Site Response at Kanto Area by use of the data from SK-net”, Kenichi Tsuda, Y. Hisada, and Ralph Archuleta

2005, AGU Fall meeting (Chaired the session), “Predictability of site response based on the data recorded on Sendai city, Japan”, Kenichi Tsuda, Ralph Archuleta, and Jamison Steidl

2005, SSA Spring Annual meeting, “Predictability of the site response based on the data recorded on Sendai city”, Kenichi Tsuda, Ralph Archuleta, and Jamison Steidl

2005, UC Davis, “Antipodal fates of continental crust”, Bradley Hacker

2005, Goldschmidt Conference Keynote Address, “Geochronology of the Western Gneiss Region UHP Terrane”, Bradley Hacker

2005, Geological Survey of Norway, “Evolution of the Western Gneiss Region”, Bradley Hacker

2005, University of Texas, “Antipodal of continental crust”, Bradley Hacker

2005, University of Texas, “Phase transformations and earthquakes”, Bradley Hacker

#### September 2005

September 2005, Thesis Conference, NGWA, “A Comparison of Ground Water Travel Times Determined with Geochemical and Physical Techniques near artificial recharge ponds at the Montebello Forebay Spreading Grounds”, Jordan F. Clark

## **October 2005**

October 2005, MI, Geological Society of America National Meeting, “Impact of land use on carbonate weathering rates in a shallow glacial aquifer; Cheboygan watershed”, Jordan Clark

October 2005, IAEA, Vienna, “Managed Aquifer Recharge: A Solution for Shrinking Water Supplies”, Jordan F. Clark

October 2005, IAEA, Vienna, “The application of sulfur hexafluoride tracer experiments in hydrology”, Jordan F. Clark

October 5, 2005, Fall 2005 Speaker Series, Department of Earth Science, UC Santa Barbara, “Geology in Motion: Global and North America Tectonics, Ice Ages, and other fun. Geoprocesses, shrunk and sped up via computer animation”, Tanya Atwater

October 17, 2005, Princeton University, “Raindrops to Ranges: Climate-Tectonic Interactions during Himalayan Orogenesis”, Douglas Burbank

## **November 2005**

November 8, 2005, Halbouty Visiting Chair, Texas A & M University, “Raindrops to Ranges: Growth of the Nepalese Himalaya”, Douglas Burbank

November 10, 2005, Halbouty Visiting Chair, Texas A & M University, “Evolution of a Nascent Mountain Range: Cenozoic Development of the Kyrgyz Range, Tien Shan”, Douglas Burbank

November 15, 2005, Halbouty Visiting Chair, Texas A & M University, “Single-Crystal Dating and the Detrital Record of Orogenesis”, Douglas Burbank

November 17, 2005, Halbouty Visiting Chair, Texas A & M University, “Calibrating Erosion Rates with Cosmogenic Nuclides in Rapidly Eroding Landscapes”, Douglas Burbank

November 30, 2005, Fall 2005 Speaker Series, Department of Earth Science, UC Santa Barbara, “A Comparison of Hydrogeologic Models, Tritium/<sup>3</sup>He, and Helium Tracer Experiments to Understand Ground Water Residence Time”, Jeni McDermott

## **December 2005**

December 2005, AGU National Meeting, “A Comparison of Hydrogeologic Models, Tritium/helium<sup>3</sup>, and Helium Tracer Experiments to Understand Ground Water Residence Time”, Jordan F. Clark

## **2006**

2006, Goldschmidt Conference Keynote Address, “Duration of Ultrahigh-Pressure Tectonism”, Bradley Hacker

2006, GERM Conference, “Dehydration and Intermediate-Depth Seismicity in Subducting Slabs”

### **January 2006**

January 12, 2006, Graduate seminar, California Institute of Technology, Pasadena, CA, “Tectonic control of evolving depositional systems constrained by magnetostratigraphy in the southwestern Chinese Tian Shan foreland”, Richard Heermance

January 26, 2006, Caltech, “Raindrops to Ranges: Erosion and Mountain Building in the Himalaya”, Douglas Burbank

### **February 2006**

February 27, 2006, Department of Geological Sciences, University of Canterbury, Christchurch, NZ, “Geomorphic constraints on listric thrust faulting: Implications for active deformation in the Mackenzie Basin, South Island, NZ”, Colin Amos

### **March 2006**

March 10, 2006, Victoria University, Wellington, “Single, Crystal Dating and Testing the Detrital Record of Orogenesis”, Douglas Burbank

March 8, 2006, Winter 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “Parkfield earthquakes: characteristics... or not?”, Susana Custodio

March 8, 2006, Winter 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “The Volcano in the Lab: Experimental Investigations into Magmatic Transport Properties”, John Zayac

### **April 2006**

April 5, 2006, Spring 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “Parkfield earthquakes: characteristic... or not?”, Susana Custodio

April 5, 2006, Spring 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “The Volcano in the Lab: Experimental Investigation into Magmatic Transport Properties”, John Zayac

April 25, 2006, Seismic hazards seminar, USGS, Menlo Park, CA, “Patterns and timing of Late Cenozoic deformation in the evolving southwest Tian Shan foreland, West China”, Richard Heermance

April 26, 2006, Spring 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “Bedrock channel geometry along an orographic precipitation gradient in the upper Marsyandi River valley in Central Nepal”, Bill Craddock

## **May 2006**

May 2006, UC San Diego, “Compositional changes of bubbles above very large natural seeps: Observations off shore of Coal Oil Point, Scripps”, Jordan F. Clark

May 3, 2006, Spring 2006 Speaker Series, Department of Earth Science, UC Santa Barbara, “What we learned from the 2004 Sumatra-Andaman earthquake”, Chen Ji

May 19, 2006, USGS, Menlo Park, “From Raindrops to Ranges: Quantifying Himalayan Orogenesis”, Douglas Burbank

May 30, 2006, Stanford University, “Climate, erosion, tectonic interactions in the Nepalese Himalaya”, Douglas Burbank

## **Workshops**

### **Earth Education Collaboration**

The goals are to introduce a faculty team from a variety of institutions to the EarthEd Online software system. A primary goal is to test determine how this resource fits the team’s needs, and to specify what modifications and additions are needed to proceed to the beta test stage. A strategy for moving the software system from beta test to possible adoption will be developed. Also, because the team has extensive experience with online learning, another goal is to summarize “best practices” and other related issues to this learning modality.

Funding from National Science Foundation, Division of Undergraduate Education, and UCSB Office of Instructional Development.

[http://oceanography.geol.ucsb.edu/Collab/workshp\\_2005/index.html](http://oceanography.geol.ucsb.edu/Collab/workshp_2005/index.html)