

39th Annual Graduate Student Colloquium, April 19-27, 2007

First Prize Award
Oral Presentation by a Ph.D. Student
(Post-Comprehensive Exam)

2007/2008 Peter Deines Lectureship Awardee

Gavin Hayes
Relocation and Rupture Processes of Large Plate Boundary Earthquakes Near South Island, New Zealand

Co-Second Prize Award

Nathan Harkins
Consideration of Terrace Riser Evolution Promotes a Re-Evaluation of Slip-Rate Determinations Along the Kunlun Fault, Northeastern Tibet

Co-Second Prize Award

Jon Samuelson
The Effect of Dilatancy and Compaction on the Stability of a Fluid Infiltrated Fault

First Prize Award
Oral Presentation by a Ph.D. Student
(Pre-Comprehensive Exam)

Bryn Kimball
Using Copper Isotopes to Distinguish Biotic and Abiotic Effects on Acid Mine Drainage

Second Prize Award

Andrew Rathbun
Laboratory Study of Nonlinearity and Fabric-Dependence of Till

Third Prize Award

Julia Schneider
Consolidation, Pore Pressure, and Fluid Flow in Mudstones of Brazos-Trinity Basin IV, Northern Gulf of Mexico

First Prize Award
Oral Presentation by a M.S. Student

Brook Fambrough
The Influence of Changing Flood Hydrographs on Fluvial Sandstone Composition and Grain Size
Distribution

Second Prize Award

Brett Carpenter
The Effects of Normal Stress and Force Chains on the Transition from Rolling to Jamming in Sheared
Granular Media

First Prize Award
Petroleum Industry-Related Oral Presentation

Derek Sawyer
Shear-Induced Stress, Pore Pressure, and Consolidation in Fine-Grained Submarine Landslides

Second Prize Award

Burt Thomas
Deciphering the Acetate Cycle in Porewaters with Intramolecular Isotopic Measurements

First Prize Award
Poster Presentation

Gavin Hayes
Quantifying the Regional Velocity Ratio in California: Using Seismic Data to Map Shallow Structure

Second Prize Award

Dan Hummer
Nucleation, Growth, and Phase Transformation of Titanium Oxide Nanoparticles in Hydrothermal Solution

Co-Third Prize Award

Aubrey Adams
Earthquake Focal Depths and Source Parameters in the Zagros Mountains

Co-Third Prize Award

Dan Jones
Biogeochemistry and Genomics of Extremely Acidic Cave Wall Biofilms
