



2009 RESEARCH GRANT RECIPIENTS

The GSA Committee on Research Grants met at GSA Headquarters on 21 March 2009 and awarded US\$520,425 to 194 graduate students (30% of the applicants). The average grant was US\$2,683. The committee also selected eleven alternate candidates in the event that any grantees return all or part of their funds due to a change in their research project or receipt of funds from another source.

Special thanks to the 2009 committee members: Lisa Stillings (chair), Nan Crystal Arens, Elizabeth Jones Crafford, Rupali Datta, Robert V. Demicco, Missy Eppes, James E. Evans, Darren Grocke, Anita Grunder, Patricia Holroyd, Jeffrey Lee, Tim

Lowenstein, Michelle Markley, Joseph Meert, Susannah M. Porter, Michael F. Roden, Dibyendu Sarkar, Kaye Shedlock, Paul Tomascak, Timothy White, Peter D. Wilf, and Kevin M. Yeager. The GSA Graduate Student Research Grant Program is funded by GSA, the GSA Foundation, GSA Divisions, and the National Science Foundation.

Certificates and ribbons will be presented to the Outstanding Mention, Specialized Award, and Farouk El-Baz Grant recipients in a formal recognition ceremony at the 2009 GSA Annual Meeting in Portland, Oregon, USA.

2009 Outstanding Mentions

The committee recognized the following grant proposals to be of exceptionally high merit in conception and presentation:

Evan Bagnesi, University of Kansas, "Thermochronometric constraints on detrital provenance and source thermal evolution from a supradetachment basin in Paros, Greece."

Kelsey Bitting, Rutgers University, "Optically-stimulated luminescence dating of a widespread Holocene unconformity within Delaware River Valley alluvial deposits."

Erin Eastwood, The University of Texas at Austin, "Paleoclimate reconstructions using aeolian cross-strata."

Sarah Evans, University of Kansas, "Tectonic evolution of a Tethyan rift margin and ocean-continent transition in the Eastern Alps—An integrated magnetite and zircon (U-Th)/He approach."

Emily Gercke, Indiana University, "Sedimentary analysis of prehistoric hurricanes on Catalina Island, Dominican Republic."

Eric Hogan, University of Tennessee, "Detailed sequence stratigraphic analysis of the basal Sauk Supersequence across a craton hinge zone, eastern California."

Elisha Hughes, The University of Texas at Arlington, "Chemostratigraphy and thin section petrography of the Smithwick Formation, Fort Worth Basin, San Saba County, TX."

Angela Hull, Kent State University, "Testing models of Paleoproterozoic crust formation in central North America."

Elliot Jagniecki, Binghamton University, "Temperature and CO₂ phase equilibria of the Green River Formation Na-carbonates."

Bronwen Konecky, Brown University, "Abrupt climate changes in southern east Africa during marine isotope Stage 3: A new precipitation record from Lake Malawi."

Isaac Larsen, University of Washington, "Quantifying spatial patterns in landslide frequency to assess coupling among erosion, tectonics, and climate."

Adam Lee, Texas A&M University, "Characterization of channel stability and evaluation of restoration efforts on the Uncompahgre River between Ouray and Ridgeway, Colorado."

Ryan McKeon, Lehigh University, "Demystifying Appalachian topography through new ideas in apatite (U-Th)/He thermochronology."

Amy Mueller, Massachusetts Institute of Technology, "A multiple-sensor/multivariate signal processing architecture for in-situ water chemical analysis."

Dolores Neshyba-Bird, Emporia State University, "Using direct push electrical conductivity and geochemical profiling to map chloride migration in the Equus Beds aquifer."

Paul Probasco, University of Virginia, "Effects of riparian zone landscape on denitrification in groundwater near streams of the Eastern Shore of Virginia."

Adam Springer, University of South Florida, "Constraining basin geometry and fault kinematics on the Santo Tomas Segment of the Agua Blanca Fault."

Jessica Tierney, Brown University, "Reconstructing Holocene hydrology in central Indonesia via a molecular approach."

Amelinda Webb, Yale University, "Repair scars and vital effects: Brachiopod shell chemistry."