

DEGREES AWARDED

DECEMBER 2006 - DECEMBER 2007

Ph.D. Degrees

- Elizabeth R. Clechenko**, Kelly, Terrestrial Response to Transient Warming Across the Paleocene-Eocene Boundary in the Williston Basin North Dakota: A Multi-Proxy Investigation
- Stephanie M. Maes**, Tikoff, Magnetic Fabric Constraints on the Emplacement of Igneous Intrusions
- Nancy J. Mahlen**, Johnson, Investigations of Radiogenic Isotope Geochronology and Element Zoning in Garnets: Partial Dissolution Studies Implications for Geochronology and a Case Study from the Zermatt-Saas Ophiolite Western Alps
- Michael E., Smith**, Carroll/ Singer, The Stratigraphy and Geochronology of the Western U.S., Green River Formation
- Jeffrey D. Wilcox**, Bahr, Transport and Fate of Organic Wastewater Contaminants Beneath Unsewered Residential Subdivisions

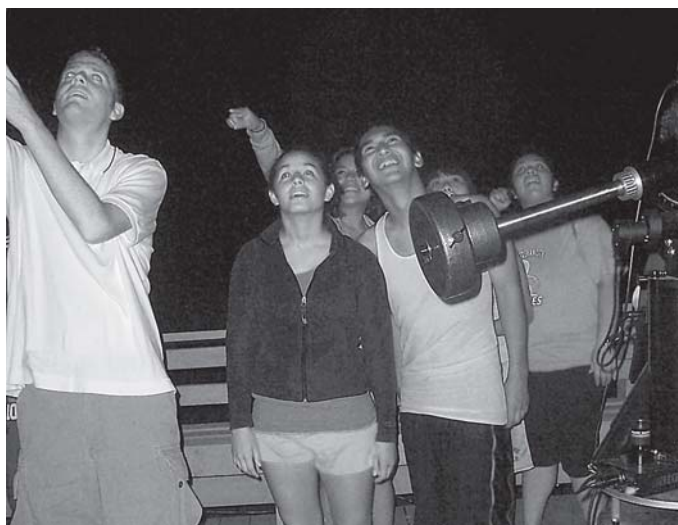
Master's Degrees

- Bryn Benford**, Tikoff, Geological Structures of the Granitic Rocks of the Owyhee Mountains, Idaho: Characterization of Along-Strike Variations in the Western Idaho Shear Zone
- Ninfa Bennington**, Thurber, Three Dimensional Seismic Attenuation Structure around the SAFOD Site, Parkfield, California
- Michael Cobb**, Anderson, Hydrogeologic characterization of the Ordovician Prairie du Chien Group in west-central Wisconsin
- Laura Craig**, Bahr, Identifying Denitrification Processes in Groundwater and Surface Water at Dorn Creek Marsh, Dane County, Wisconsin
- Amalia C. Doebbert**, Carroll, Geomorphic Controls on Lacustrine Isotopic Compositions: Evidence from the Laney Member, Green River Formation (Wyoming)
- Danica E. Dralus**, Wang, Pore Geometry Inferred from Fluid Drainage Experiments and Simulations in a Granular Medium

- JoAnn R. Gage**, Tikoff, Anisotropy of Magnetic Susceptibility (AMS) Analysis of Strain Partitioning in a Lithologically Heterogeneous Granulite Facies Sheer Zone, Mt. Chapple, Central Australia
- Justin C. Gosses**, Carroll, Stratigraphy and ⁴⁰Ar/³⁹Ar Geochronology of the Laguna del Hunco Formation: A sub-aerial and Lacustrine Caldera moat formation
- Rachel M. Greve**, Bahr, A Post-Closure Assessment of Natural Attenuation at Eight Leaking Underground Storage Tank Sites
- Morgan Herrick**, Johnson, Isotopic Studies of the 3.7-3.8 Ga Isua Banded Iron Formation Provide Insight into Early Archean Geochemical Cycles
- Preeya Jirutthitjaroen**, Simo, Application of Ground Penetrating Radar to Image Shallow-Water Carbonates, Cretaceous, South-Central Pyrenees, Spain
- Penelope J. Lancaster**, Valley, Granitoid Genesis in the Adirondack Mountains, NY State
- Jessica E. Lopez**, Carroll, Origin of Quartzose Sandstone in a Back-arc Setting: Upper Cretaceous Paso del Sapo Formation, Chubut Province, Argentina
- Laura J. Mitchell**, Kelly, The Paleocene Eocene Thermal Maximum in the Southern Indian Ocean: High-Resolution Records of Stable Isotope and Foraminiferal Assemblage Changes at ODP Site 738
- John C. Naranjo**, Carroll, Tertiary Basin Initiation and Sedimentation; East Java Basin, Indonesia
- Jennifer L. Nielsen**, Kelly, A High-Latitude Record of the Planktonic Foraminiferal Turnover During the Middle to Late Eocene Transition in the Southern Ocean (ODP Site 748)
- Matthew J. Reiderer**, Brown, Fluid Inclusion Study of the Midas Low-Sulfidation Epithermal Au/Ag Mine, Elko County, Nevada
- Eric D. Shullenberger**, Kelly, Stratigraphic and Mineralogic Evidence of Paleoweathering at the Paleocene-Eocene Boundary, Williston Basin, North Dakota
- Kathleen H. Staffier**, Goodwin, Field and Microstructural Investigation of Plagioclase Deformation Behavior in Granulite Facies Rocks Mt. Hay, Central Australia
- Mark Stevens**, Sahai, Oxide Specific Phospholipid Adsorption and Jurkat Cell Adhesion
- Jennifer E. Tang**, Simo, Provenance of Quartz-rich Sandstones Deposited Adjacent to the Tertiary Java Arc, Indonesia

Undergraduate Degrees

- | | | |
|----------------------|---------------------|-----------------------|
| December 2006 | Andrew J. Fraass | Matthew B. Tibbits |
| Craig A. Brumblay | Sarah E. Gatzke | Nicholas S. Tiedemann |
| Anna C. Dahl | Eli S. Goldberg | Michael S. Ursin |
| Nicholas T. Legg | Erin L. Gray | Meredith A. Wismer |
| Craig C. Schuettpelz | JoAnne Huie | August 2007 |
| May 2007 | Evan J. Parks | Ryan J. Kolb |
| Megan R. Bender | Alexis F. Rodriguez | December 2007 |
| William S. Cassata | Craig A. Schiller | Anthony A. Aiuppa |
| John W. Dockrey | Ryan J. Sharma | Samuel T. Hillier |
| David O. Doncheck | Adam W. Sindermann | |



Students participating in the 2007 PEOPLE Program observe the night sky at Wyalusing State Park. They were on a field trip studying fluvial processes and fossil and mammal identification. The overnight trip included tent camping.

Grad GeoClub

Baking event raises some dough

by Emily Freeman, President

In November, the GeoClub sponsored a charity event called "Cake for a Cause," which harnessed the baking talents and generous spirit of the Weeks community to raise money for the Madison YWCA shelter.

For three days, geologically-themed baked goods poured into the office. Just as swiftly, the goodies were headed back out the door on the plates of students, staff, faculty, and visitors. A panel of baking experts on hand for the event awarded honors to many of the donations. Paleooceanography graduate student Laura Mitchell received "Best in Show" for her marzipan replica of an ancient seafloor teeming with trilobites, crinoids, and early chordates.

Undergraduate geoscientists Kat Bevington, Lisa Lesar, Carrie Levitt, and Sarah Siewert, fashioned a mid-ocean rift, a sauropod, and a geode from cake, frosting, and pure genius, receiving the coveted awards for "Best Extensional Tectonics," "Most Cheerful Sauropod," and "Most Geochemical."

Hydrogeology graduate student



Left, Laura Mitchell's ancient seafloor, with all creatures safe for human consumption won "Best in Show." Above, a sweet geode by Sarah Siewert.

Seann McClure baked his very first cake and proudly took home an award for "Best Porous Medium." By the end of the event, the Weeks community raised \$280 for homeless families in the Madison area. Many thanks to everyone for donating their time (and insulin) to make this event a success! ●

STUDENT AWARDS & SCHOLARSHIPS FOR 2007

Shell Undergraduate Research Fund Awards **The Mack C. Lake Outstanding Senior Scholarships**

Jacob B. Birkett
Bridget C. Diem
Nathan C. Eck
Sarah E. Gatzke

Erin L. Gray
Peter J. Kottke
Andrew T. Olson
Rajarajan Panneerselvan

Joanne Yuet-Ling Huie
Meredith A. Wismer

Mineralogical Society of America Undergraduate Award

Jason M. Huberty

T.C. Chamberlin Scholarships

Erin L. Gray
Tyler J. Krucas
George X. Rothdrake

The Wasatch-Uinta Field Camp Scholarships

Anthony A. Aiuppa
Jacob B. Birkett
Jake T. Dalbec
Nathan C. Eck

Erin L. Gray
Joanne Yuet-Ling Huie
Patrick Statz-Boyer
Michael S. Ursin

The James J. and Dorothy T. Hanks Award in Geophysics

Jeremy D. Pesicek

The Carl and Val Dutton Scholarship

Kathryn S. Bevington

The Paull Family Undergraduate Scholarship in Geology and Geophysics

Megan R. Bender

The Sharon Meinholz Graduate Student Awards

Morgan J. Herrick
Matthew A. Kuchta
Nancy J. Mahlen
Jennifer L. Nielsen

The Lowell R. Laudon Outstanding Junior Scholarships

Jacob B. Birkett
Peter J. Kottke

The Stanley A. Tyler Excellence in Teaching Award

Mark J. Stevens

The Laurence Dexter Environmental Scholarships

Sarah E. Gatzke
Paul D. Schlicht

The Sturges Bailey Scholarship

Emily D. Freeman

The Thomas E. Berg Excellence in Teaching Award

Bryn A. Benford
Sarah E. Greene
Penelope J. Lancaster

The 2007 Graduate Fellowship of the American Federation of Mineralogical Societies

Emily D. Freeman

The Albert and Alice Weeks Outstanding Research Paper Awards

Daniel C. Douglass
Brian R. Jicha
Michael E. Smith

The George J. Verville Award

MaryRuth Kotelnicki

Van Hise Graduate Fellowship

Lauren M. Chetel

The Morgridge Distinguished Graduate Fellowship

Christopher S. Lowry

The 2007 Distinguished Undergraduate Student

William S. Cassata

The 2007 Distinguished Graduate Student

Jeffrey D. Wilcox