



Bryn Benford
BS, Franklin & Marshall
Structure—Tikoff



Kathleen Bolger
BS, Temple University
Sed/Strat—Kelly



Jonathon Carter
BS, Iowa State University
Hydrogeology—Anderson



Jennie Cook
MS, U/Tennessee-Knoxville
Structure—Goodwin



Michael DeAngelis
MS, U/Tennessee-Knoxville
Geochemistry—Valley



Eduard Dragan
MS, Univ. of Bucharest
Sed/Strat—Simo



JoAnn Gage
BS, Bryn Mawr
Structure—Goodwin/Tikoff



Ninfa Harrington
BS, U/Mass-Amherst
Geophysics—Thurber



Morgan Herrick
BS, UW-Eau Claire
Geochemistry—Johnson



Penelope Lancaster
BS, Boston University
Geochemistry—Valley



Jessica Lopez
BS, UW-Eau Claire
Sed/Strat—Carroll



Laura Mitchell
BS, U/Colorado-Denver
Sed/Strat—Kelly



Christopher Muffels
BS, University of Waterloo
Hydrogeology—Anderson



John Naranjo
BS, U/Utah-SLC
Sed/Strat—Simo



Matthew Riederer
BS, U/Minnesota-Duluth
Economic Geology—Brown



Eric Shullenberger
BS, Miami University
Sed/Strat—Kelly/Carroll



Mark Stevens
BS, Michigan Tech Univ.
Geochemistry—Sahai



George Tangalos
BS, Carleton College
Geomicrobiology—Roden



Jennifer Thornburg
BS, UW-Eau Claire
Geochemistry—Sahai



Jana VanAlstine
MS, U/Arizona-Tucson
Sed/Strat—Carroll

NEW GRADUATE STUDENTS FALL 2005



Ting Xue
MS, Sun Yat-sen Univ.
Geochemistry—Xu



Nianli Zhang
MS, Fudan University
Geochemistry—Xu

GRADUATE DEGREES AWARDED
FOR THE ACADEMIC YEAR 2004-05

PhD Degrees

Aaron J. Cavosie, Valley, Geochemistry of >3900 Ma Detrital Zircons from Jack Hills, Western Australia

Daniel C. Douglass, Singer, Glacial Chronology, Soil Development and Paleoclimate Reconstructions for Mid-Latitude South America, 1 Ma to Recent

Benjamin J. Laabs, Mickelson, Late Quaternary Glacial and Paleoclimate History of the Southern Uinta Mountains, Utah

Jade Star Lackey, Valley, The Magmatic and Alteration History of the Sierra Nevada Batholith as Recorded by Oxygen Isotope Ratios of Zircon, Titanite, Garnet, and Quartz

Thomas J. Lapen, Johnson, Radiogenic Isotopes as Records of Tectonic and Metamorphic Processes: Examples From the Western Swiss and Italian Alps and the Western Gneiss Region, Norway

Leonardo H. Piccoli, Simo, Carbonate Platform Evolution During Icehouse Periods: A Late Paleozoic (Asselian/Sakmarian) Example, Hueco Mountains, West TX

Tara L. Root, Bahr, Controls on Arsenic Concentrations in Ground Water from Quarternary and Silurian Units in Southeastern Wisconsin

Hilary C. Sanders, Geary, Evolutionary Tempo and Mode of the Bivalve Congeria in Late Miocene Deposits of Lake Pannon, Central Europe

Essam Farag Mohamed Sharaf, Simo, Stratigraphy and Sedimentology of Oligocene-Miocene Mixed Carbonate and Siliciclastic Strata, East Java Basin Indonesia

Martin Shields, Carroll, The Evolution of the East Java Basin, Indonesia

Master's Degrees

Benjamin N. Bymers, Carroll, Evaluation of Stratigraphy and Evolution of the Gualala Basin, Northern Coastal California, using U/Pb and Hf Sedimentary Provenance of Single Detrital Zircons

Jonathan K. Eaton, Valley, The Role of Crustal Interaction on the Genesis of Silicic Magmas in Costa Rica and Nicaragua

Amy J. Garbowicz, Byers, The Upper Cambrian Geology of Adams County, Wisconsin

Hilary E. Gittings, Bahr, Development of a Groundwater Flow Model for the Mukwonago River Watershed, Southeastern Wisconsin

Rahul John, Anderson, Simulating Response Rates and Historical Transience of Surface Water and Groundwater: Trout Lake Basin, Northern Wisconsin

Alan F. Kobussen, Christensen, Xenolith and petrophysical perspectives on continental mantle seismic anisotropy: Case studies in Syria and Siberia

Christopher S. Lowry, Anderson, Assessment of Aquifer Storage Recovery: Defining Hydraulic Controls on Recovery Efficiency at Three Representative Sites in Wisconsin

Melissa D. Masbruch, Anderson, Delineation of Source Areas and Characterization of Chemical Variability Using Isotopes and Major Ion Chemistry, Allequash Basin, Wisconsin

Timothy A. Olesen, Sahai, Mineral-Specific Sorption and Self-Assembly of a Short-Chain Phosphatidylcholine on Oxide Surfaces

Eric L. Olson, Allen, A New Way to Look at Fault Rupture: Understanding and Characterizing Earthquake Predominant Period

Rebecca L. Poulson, Johnson, Investigating the Behavior of Aqueous and Precipitated Iron Species in Natural and Synthetic Systems

Elizabeth P. Valaas, Valley, Oxygen isotope thermometry in contact metamorphosed Biwabik Iron-formation

Caroline E. Webber, Tikoff, Structural Geology of the Porter's Knob Area, Red Hills, New Zealand: Implications for Upper Mantle Deformation

Xiaowei Yan, Thurber, Seismogenic Mechanism of the May 26, 2003 northeastern Japan Intermediate-Depth Earthquake

UNDERGRADUATE DEGREES AWARDED
FOR THE ACADEMIC YEAR 2004-05

Brooke J. Alderfer, Tikoff

Adam Behlke, Geary

Mary F. Bittner (GLE), Brown

Clint A. Boyd, Geary

Aaron J. Christensen (GLE), Bahr

Courtney A. Cowie (GLE), Byers

Adam K. Flaaten (ANR), Mickelson/Bahr

Kyle J. Francken, Tikoff

Mark D. Hagge, Tikoff

Emily L. Harrison (Physics), Singer

Hillary M. Holstein (GLE), Mickelson/Bahr

Lauren A. Hubbard, Mickelson

Daniel B. Hyslop, Geary

Elisabet J. Metcalfe, Byers

Eric A. Olson (Geog), Mickelson

Joel S. Prellwitz, Tikoff

Alexander R. Puetz (GLE), Bahr

Jeffrey M. Schneider (GLE), Tikoff

Corey M. Schwabanlander, Tikoff

Jesse Silverman, Tikoff

Meredith E. Smith, Brown

Troy D. Stoneman, Geary

Andrew J. Swaim, Brown

Laura E. Wagner, Byers

W-Mohd K. Wan Sulaiman, Brown

Eric C. Watruba, (GLE) Mickelson

STUDENT AWARDS & SCHOLARSHIP FOR 2005

Hilldale Award

Daniel G. Hallau (with Laurel Goodwin and Basil Tikoff)

Wasatch-Uinta Field Camp Scholarships

Sabrina L. Behrens

Matthew J. Carter

Michael J. Markgraf

Melissa M. Mitchell

Jon D. Popelars

Paull Family Undergraduate Scholarship in Geology and Geophysics

Anna C. Dahl

Laurence Dexter Environmental Scholarship

David O. Doncheck

Carl and Val Dutton Scholarship

Craig C. Schuettpehl

Eugene Cameron Scholarship

Corey M. Schwabenlander

Outstanding Sophomore Award

William S. Cassata

Lowell R. Laudon Outstanding Junior Scholarships

Daniel G. Hallau

Craig A. Schiller

Mack C. Lake Outstanding Senior Scholarships

George X. Rothdrake

Jeffrey M. Schneider

T.C. Chamberlin Scholarships

Sabrina L. Behrens

Matthew J. Carter

Sam C. Jorgensen

James J. and Dorothy T. Hanks Award in Geophysics

Justin R. Brown

Stanley A. Tyler Teaching Awards

Christopher S. Lowry

Richard A. Becker

Kurt A. Refsnider

Thomas E. Berg Teaching Award

Eric M. Horsman

Albert and Alice Weeks Outstanding Research Paper Awards

Aaron J. Cavosie

Brian R. Jicha

Jade Star Lackey

George J. Verville Award in Geology & Geophysics

Adam R. Eisenach

Geology and Geophysics Teaching Enhancement Awards

Eric M. Horsman

Sarah J. Titus

Morgridge Distinguished Graduate Fellowship

Nancy J. Mahlen

Bailey Distinguished Graduate Fellowship

Michael E. Smith

Kenneth and Linda Ciriacks Distinguished Graduate Fellowship

Eric M. Horsman

Van Hise Graduate Fellowship

Jeffrey D. Wilcox

Distinguished Undergraduate Student Award

Adam K. Flaaten

Distinguished Graduate Student Award

Daniel C. Douglass

SHELL UNDERGRAD RESEARCH FUND AWARDS

Justin Brown

Advanced cross-correlation techniques applied to Mount Spurr Volcano

Matthew Carter

Emplacement history of the Buckhorn Ridge Intrusion, Henry Mountains UT

William Cassata

High precision $^{40}\text{Ar}/^{39}\text{Ar}$ dating of Mono Lake Excursion

Justin Fairchild

A Study of Carbonate Mound Structure through 3-D mapping and GPR, Alamogordo NM

Daniel Hallau

Rock fabric and deformation at Ceilidh Hill, Australia

Angela Hull

Serpentine formation in the North Cascades of Washington State

Frank Klein

A Study of Carbonate Mound Structure through 3-D mapping and GPR, Alamogordo NM

George Rothdrake

Mollusc diversity in Bearpaw Cyclotherm, Western Interior Cretaceous

Craig Schuettpehl

Identification of contamination plume from new technology septic tank systems with geophysical methods

Ryan Sharma

Groundwater contamination from leaking underground storage tanks, Dane County