

# AAPG Club News

This past year marked the return of the UW-Madison Student Chapter of the American Association of Petroleum Geologists (AAPG) as an officially recognized national chapter. A fall membership drive was successful with eight new members signed up. The chapter has received very generous donations from BP which will allow us to send members to the 2009 AAPG conference in Denver as well as to participate in the Imperial Barrel Award competition. This year is the first time the UW-Madison will field a team for the competition. Five chapter members will work as a team to interpret a dataset and identify



**Badgers at AAPG 2008 in San Antonio: Jen Walker, Kate Bower, and Kuwana Pietras.**

petroleum plays and prospects, then present their findings at the Eastern Section semi-final on March 28, 2009. ●



**Sheri Frodesen and Jean Bahr.**

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## DEGREES AWARDED, MAY–DECEMBER 2008

### *Ph.D. Degrees*

- Francisco Correa Mora**, DeMets, GPS Measurements and Finite Element Model Along the Middle America Trench
- Christopher S. Lowry**, Anderson, Controls on Groundwater Flow in a Peat Dominated Wetland/Stream Complex, Allequash Wetland, Northern Wisconsin
- Tina M. J. Nielsen**, Kelly, The Paleocene-Eocene Thermal Maximum Marine Response: An Analysis of Latitudinal and Depth Variations
- Betty J. Socha**, Mickelson, (12/07), Basal Till and Tillite: Sedimentary Characteristics and Inferred Sediment Sources, Mode of Transport, Depositional Environments, and General Conditions of the Glacier Bed

### *Master's Degrees*

- Daniel Alvarado**, DeMets, Crustal deformation of the Salvadoran-Nicaraguan forearc at the Gulf of Fonseca: a multidisciplinary tectonic study
- M'Bark Baddouh**, Byers, The Lower and Upper Contacts of the St. Lawrence Formation (Cambrian), Southwestern Wisconsin
- Kathleen F. Bolger**, Kelly, Morphologic and Chemostratigraphic Analysis of the Bear Den Member Paleosol of the Paleocene Eocene Golden Valley Formation of Western N. Dakota
- Brett B. Carr**, Feigl, Geodetic Measurements and Numerical Models of Rifting in Northern Iceland for 1993-1999
- Jonathon T. Carter**, Anderson, Investigation of Perched and Regional Flow Systems in Bedrock Aquifers, Iowa County, Wisconsin

- Kallina M. Dunkle**, Anderson, Hydrostratigraphic and Groundwater Flow Model: Troy Valley Glacial Aquifer, Southeastern Wisconsin
- Emily D. Freeman**, Xu, Characteristics and Formation Mechanism of Nano Phase Minerals in a Vent Deposit from the Snake River Plain, Idaho: Investigation of a Potential Mineral Biosignature
- MaryRuth Kotelnicki**, Geary, Remnants of Cruising Trilobites: The Application of Cruziana in North American Stratigraphy
- Seann D. McClure**, Anderson, Groundwater Flow Path Investigation Using Stable Isotopes of Water, Dissolved Organic Carbon, and a Groundwater Flow and Transport Model: Allequash Wetland, Vilas County, Wisconsin
- Christopher Muffels**, Anderson, Application of the LSQR Algorithm to the Calibration of a Regional Groundwater Flow Model: Trout Lake Basin, Vilas County, WI
- Ian J. Orland**, Valley, Climate deterioration in the Eastern Mediterranean as Revealed by Ion Microprobe Analysis of a Speleothem That Grew From 2.2 to 0.9 Ka in Soreq Cave, Israel
- Manuel Rodriguez**, DeMets, Crustal deformation in northern Central America related to the geometry of the North American Caribbean plate boundary
- George E. Tangalos**, Roden, Iron Isotope Fractionation by Microbial Iron Reduction in a Modern Banded Iron Formations Analog

- Jennifer C. Walker**, Carroll, Lacustrine Stratigraphic and Stable Isotopic Expression of Overfilled and Balanced-Filled Transitions Within the Tipton Member of the Green River Formation, Wyoming

### *Undergraduate Degrees*

#### *May 2008*

- Kathryn S. Bevington  
Jacob B. Birkett  
Jake T. Dalbec  
Nathan C. Eck  
Nathan J. Fuller (GLE)  
Jonathan A. Henning (GLE)  
Jason M. Huberty  
Robert A. Hunter  
Kevin J. Kowalchuk  
Tyler J. Krucas  
Carolyn G. Levitt  
Alexandra M. Morrow  
Andrew T. Olson  
Timothy J. Pokrop  
Paul D. Schlicht  
Patrick A. Statz-Boyer (Physics)  
Alex R. Summitt  
Matthew B. Williams (GLE)  
Laura I. Young

#### *August 2008*

- Scott K. Johnson  
Dale P. Lambert

#### *December 2008*

- Joseph R. Christman  
Amy J. Homan  
Peter J. Kottke (GLE)  
Diego Sologuren