

# SGE Student Research

## Poster Session at 2008 GSA Meeting

Congratulations to:



**Rafferty J. Sweeney** (*Eta Xi Chapter, St. Lawrence University*) - winner of the Austin A. Sartin Award.



**Sandy S. Marrufo** (*Alpha Lambda Chapter, University of Texas El Paso*), and



**Tiffany Elaine Neumann** (*Zeta Beta Chapter, West Chester University*) winners of the National Council Award.

Below are all of the titles and authors of the papers - a total of 30 papers were presented!

*Depositional Changes in An Active Rift Basin Reflected in Well Logs and Cuttings, Hueco Bolson, West Texas* **Sandy S. Marrufo**, University of Texas at El Paso; Sarah M. Quinonez, University of Texas at El Paso

*Patterns of Serrations on the Teeth of Fossil Great White and Megatoothed Sharks* **David K. Moss**, Centenary College of Louisiana; Jeffrey G. Agnew, Centenary College of Louisiana

*Explosively Erupted Hydrovolcanic Deposits at Minna Saddle, Antarctica: Evidence of Limited Ice-Magma Interaction* **M.E. Bosket**, Albion College; T.I. Wilch, Albion College; K.S. Panter, Bowling Green State University; Nelia Dunbar, New Mexico Institution of Mining and Technology; William C. McIntosh, New Mexico Tech

*Depositional Environments and Carbonate Petrology of the Lithograph City Formation (Devonian) of Northern Iowa* **Rodney M. Hubscher**, University of Northern Iowa

*Surficial Geology of the Waverly Quadrangle, Bremer County Iowa* **Drew Kreman**, The University of Northern Iowa; Chad Heinzl, The University of Northern Iowa; Bree McClenning, The University of Northern Iowa

*Spatial and Temporal Geomorphic Comparison of the Cedar and Wapsipinicon Rivers in Eastern Iowa* **Adam Lee**, Univ of Northern Iowa; Chad Heinzl, The University of Northern Iowa

*Environmental Evolution of Chincoteague Lagoon-Marsh System as Inferred from the Sediment Record* **Stephanie Andreucci**, University of Mary Washington; Ben K. Odhiambo, University of Mary Washington

*Preferential Flow Features of the Madison Aquifer, White Creek Canyon, Wyoming* **Tiffany Elaine Neumann**, West Chester University of Pennsylvania; Jennie Matkov, West Chester University of Pennsylvania; Lauren Sutton, West Chester University of Pennsylvania; Martin Helmke, West Chester University of Pennsylvania

*Aptian Platform-Interior Facies of Adriatic Platform, Southern Croatia* **Charles Harman**, St. Lawrence University; Rafferty J. Sweeney, St. Lawrence University; Antun Husinec, St. Lawrence University; J.F. Read, Virginia Tech

*Cyclicity of Barremian Tidal Flat Deposits of Southern Adriatic Platform, Croatia* **Rafferty J. Sweeney**, St. Lawrence University; Charles Harman, St. Lawrence University; Antun Husinec, St. Lawrence University; J.F. Read, Virginia Tech

*Effects of Paper Mill Effluents on the Foraminifera Community In the Big Bend Seagrasses Aquatic Preserve and Surrounding Waters of the Apalachee Bay, Florida* **Eric P. Coburn**; Melissa K. Lobegeier, Middle Tennessee State University; Marjorie Gombert, Middle Tennessee State University

*Comparing the Impact of Stormwater Runoff from Different Land Uses on Adjacent Properties* **Mindy R. Bader**, State University of New York College at Brockport; Mark R. Noll, State University of New York College at Brockport

*Stormwater Management as a Novel Tool for Earth Science Education within a Standards Based Curriculum* **Elena R. Chmielowiec**, State University of New York College at Brockport; Jillian M. Coady, State University of New York College at Brockport; Mindy R. Bader, State University of New York College at Brockport; Mark R. Noll, State University of New York College at Brockport

*Stratigraphic Analysis of Natural Gas Bearing Strata, Steuben County, New York* **Michael D. Collins**, State University of New York College at Brockport; Caldwell R. Payne, State University of New York College at Brockport; William Glynn, New York State Department of Environmental Conservation; Mark R. Noll, State University of New York College at Brockport; Whitney J. Autin, State University of New York College at Brockport

*Phosphorus Dynamics in a Karstic Groundwater-Surface Water System in Western New York* **Jill L. Libby**, State University of New York College at Brockport; Heather Carney, State University of New York College at Brockport; Timothy L. Daniluk, State University of New

York College at Brockport; Mark R. Noll, State University of New York College at Brockport; Paul L. Richards, State University of New York College at Brockport; James H. Craft

*Segment Analysis of the Mill Creek Watershed, Monroe County, New York* **Michael P. Scott**, State University of New York College at Brockport; Mark R. Noll, State University of New York College at Brockport

*Nearshore Sediment Deposition Patterns Associated with a Subwatershed of Conesus Lake, NY* **Aimee E. Szatkowski**, State University of New York College at Brockport; Mark R. Noll, State University of New York College at Brockport

*Foraminiferal Paleoecology and Sequence Stratigraphy of the Pachuta and Shubuta Members of the Yazoo Clay (EOCENE; PRIABONIAN), Wayne County, Mississippi* **Mary L. Banser**, Ball State University; Megan L. Foye, Ball State University; Rachel E. Grande, Ball State University; Christopher T. Horner, Ball State University; Kegan D. McKinney, Ball State University; Seth R. Robinson, Ball State University; Richard H. Fluegeman, Ball State University

*Deformation Bands In the Raccoon Mountain Formation at the Pinnacles, Southern Cumberland Plateau, Sewanee, TN* **Christopher A. Clinkscales**, University of the South; Elspeth M. Iralu, University of the South; Donald B. Potter Jr, University of the South

*Impact of Man-Made Reservoirs on Stream Water Quality on the Southern Cumberland Plateau of Tennessee: A Preliminary Report* **Emily M. Eastridge**, University of the South; Sally E. Neas, University of the South; Martin A. Knoll, University of the South

*Updates to the Taphonomy of the Aaron Scott Dinosaur Site (Jurassic, Morrison Formation) in Central Utah* **Kevin Donaldson**, Northern Kentucky University; Corrina Bissell, Northern Kentucky University; William Hester, Northern Kentucky University; Alice O'Bryan, Northern Kentucky University; Rath Robinson, Northern Kentucky University; Janet L. Bertog, Northern Kentucky Univ; David L. Jeffery, Marietta College; John R. Bishop, Marietta College

*Bone Weathering of the Aaron Scott Dinosaur Site (Jurassic, Morrison Formation) in Central Utah* **Allison Boschert**, Northern Kentucky University; Zachary Mergenthal, Northern Kentucky University; William Hester, Northern Kentucky University; Rath Robinson, Northern Kentucky University; Janet L. Bertog, Northern Kentucky Univ; David L. Jeffery, Marietta College; John R. Bishop, Marietta College

*Actualistic Tests of Paleoecological Hypotheses: Reconstructing An Existing Lacustrine Environment on the Utah-Idaho Border* **Ivy Abbott**, Westminster College; Nicholas Cummings, Westminster College; Erik Tamminen, Westminster College; David Goldsmith, Westminster College

*Septic Systems in Rural Georgia: Efforts of the Upper Tallapoosa Watershed Group to Elevate Home Owner Awareness of Improvements Needed to Improve Surface Water Quality in the Little Tallapoosa River, Carroll County Georgia* **Ellie L. Busse**, University of West Georgia; Randa R. Harris, University of West Georgia; Curtis L. Hollabaugh, University of West Georgia

*Mineralogy and Crystallographic Orientations of Inclusions within Vapor Phase Minerals of Topaz Bearing Rhyolite In Juab County, Utah* **Kimberly E. Cook**, University of West Georgia;

Curtis L. Hollabaugh, University of West Georgia

*Water Quality and Quantity of Centralhatchee Creek, Heard County, Georgia and Potential Drinking Water Resources for Georgia's Next Drought: Groundwater in the Brevard Fault Zone*

**Cameron G. Wolfe**, University of West Georgia; Curtis L. Hollabaugh, University of West Georgia

*Controls on Well Yields in the Fractured Bedrock Aquifers of Northwestern North Carolina*

**Rachel E. Storniolo**, Appalachian State University; William P. Anderson Jr, Appalachian State University; Christopher A. Badurek, Appalachian State University

*Determination of Bedrock Weathering Rates in the Juneau Area, Northern Southeast Alaska*

**Louis Hoock**, University of Alaska Southeast; Cathy Connor, University of Alaska Southeast

*Identifying Vadose-Surface Interaction Using Dripwater Chemistry from Diamond Caverns, KY*

**Chelsea Brunner**, Western Kentucky University; Heather Monohan, Western Kentucky University; Andrew Wulff, Western Kentucky University

*Serpentine Dehydration as a Source of Fluids and Metals In Hydrothermal Gold-Bearing Veins In the Bullrun Creek District, Northeastern Oregon* **Leena Thompson**, University of Houston-Downtown; Kenneth Johnson, University of Houston-Downtown