JMU Geology & Environmental Science Student Research Symposium
Friday, April 26, 2013  Memorial Hall, Room 7370

9:30  Morning presenters upload Powerpoints

10:05  Introductory remarks – MC Steve Whitmeyer

10:10  Derek Guzman  
Evidence for a Two Stage Eruption at Trimble Knob, an Eocene Volcanic Plug in Highland County, Va

10:25  Alex Kopylov & Robert Klopfer  
“Helicon Focus” and the New Mineral Museum Website

10:45  Michael Tran  
Temperature profile of Tide Springs Rockingham, VA

11:00  Adriane Lam  
Planktonic Foraminiferal Biostratigraphy and Paleoclimatic Interpretations of Holocene-Late Pleistocene Core MD02-2535, Tunica Mound, Gulf of Mexico

11:15  Meredith Butler & Ryan Santry  
Bedrock Geology of the Rileyville Quadrangle in Page and Shenandoah Counties, Virginia

11:35  Daniela DiCarlo  
A Comparison of Two Tornado Seasons: An Assessment of the Relevant Meteorological Forcing Agents

11:50  Gina Waclawski  
Terrigenous and biogenic input to the Gulf of Mexico during Late Pleistocene to Holocene climate transition, as interpreted from sediment core MD02-2535

12:05  William Funke  
Effects of urban development on stormwater runoff

12:20  Stephen Stone & Billy Cheung  
Estimation of Colluvial Filling of Debris-Flow Sourcing Areas of the Blue Ridge and Valley and Ridge Provinces in the Central Appalachians, Virginia

12:40  Doug Jones  
Depth and temperature of the Eocene lithospheric mantle beneath Highland County, VA

12:55  Lunch Break  
(Afternoon presenters upload Powerpoints)

1:30  Introductory remarks – MC John Haynes

1:35  Lane Stokes  
Relative mineral abundances over a short, high resolution time interval for Eocene Central Arctic Ocean clay in a time of climatic transition

1:50  Jessica Antos & Johnathan Garber  
Temporal and spatial changes in stream channel morphology of Smith Creek, Shenandoah Valley, Virginia
2:10  Josh McKeon  
*Investigation of orbital forcing on climate variability at Shatsky Rise*

2:25  Corey Bosselman & Megan McKinley  
*Geomorphic Change at Bluff Point*

2:45  Amanda Wright  
*Petrologic Investigation of Lower Crustal Xenoliths in Highland County*

3:00  Devon Dilla  
*Structural Duplication of the Tuscarora Sandstone in West Virginia*

3:15  Chris MacPherson  
*An Investigation of Eolian Silt Deposit: Shenandoah County*

3:30  Meghan Moss  
*Geothermal evidence for the source of heat of thermal spring waters in caves of Bath and Alleghany Counties, Virginia*

3:45  Aimee Schuppin & Laura Hendrix  
*Flood and Erosional Hazards on Recreational Campgrounds due to Large Woody Debris Buildup*

4:05  Michael Bulas  
*Timing and eruption mechanism of felsic Eocene dikes in the Valley and Ridge Province of VA and WV*

4:20  Sarah O’Reilly  
*Melting the Eocene Mantle Under Mole Hill, VA: LA-ICPMS Analysis of Melt Inclusions in Olivine Xenocrysts*