8:50  Introductory remarks

9:00  Catherine Patterson  
Thrust Fault And Crustal Shortening In The Blue Ridge Footwall: An Example From The White House Farm, Page Valley, VA

9:15  Sean Fuller  
Stability Analysis of the Rapidan River Restoration at Graves Mill, Va

9:30  David McMichael  
Variations in soil carbon residence time over several lithologies in the area around Harrisonburg, VA

9:45  Brooke Tantillo  
Distinguishing Sea Ice-Rafted Debris from Iceberg-Rafted Debris Based on Grain Surface Features by Analyzing Quartz Grains from Modern Arctic Ocean Sea Ice Floes

10:00  Lowell Moore  
Pore water, in situ sampling, and one critical zone study from the Shenandoah Valley, VA

10:15  Jessica Burleson & Simon Boone  
Comparing Long-Term and Short-Term Shoreline Change and the Effect of Hurricane Irene At Currituck Beach, North Carolina

10:35  Break

10:45  Brittany Sacco  
Depth and temperature of the mantle beneath Mole Hill, an Eocene basalt near Harrisonburg, VA

11:00  Timothy Charlton  
Recommendations for Restoration of a Family Cemetery using Geophysical Methods

11:15  Kyle Hazelwood  
New Insights Into the Stratigraphy and Structure of the Siluro-Devonian Section on Bullpasture Mountain as Revealed by Bedrock Mapping in the Monterey SE Quadrangle, Highland County, Virginia

11:30  Victoria Stempniewicz  
Hydration profiles in clinopyroxene mantle xenocrysts from the Eocene Mole Hill basalt, Rockingham County, VA

11:45  Matthew Huckfeldt  
Local Transition Zone Topography Beneath Hawaii and Implications for Thermal Upwelling

12:00  Lunch Break
1:00  Introductory remarks

1:05  Michael Tracy
*Structural Analyses of a Re-exposed Roadcut Near Bergton, VA: Using Modern Imaging Techniques to Re-evaluate Deformation*

1:20  Cameron Noon
*Proposals for Magnetic Survey Design at the JMU Farm*

1:35  Zachary Kiracofe
*The Origin of Sandstone Xenoliths at Mole Hill, an Eocene Volcanic Neck Near Harrisonburg, Virginia*

1:50  Gina Capiello & Craig Morris
*Simulating Vertical Movement in Venus’ Lithosphere and the Expression of Surface Features*

1:50  Zachary Kiracofe
*The Origin of Sandstone Xenoliths at Mole Hill, an Eocene Volcanic Neck Near Harrisonburg, Virginia*

2:10  Jessica Jondahl & Alexander Huss
*Subsurface Analysis of Sinkhole Activity Along Augusta Springs Wetland Trail*

2:30  Erika Powers
*A Geologic Walking Tour of Historic Buildings in Downtown Harrisonburg, Virginia*

2:45  Break

3:00  Brittany Wolchak
*Educational Outreach Materials for the White House Farm Foundation*

3:15  Brendan McGowan
*Residential Damage related to the August 23rd, 2011 Earthquake in Central VA*

3:30  Emily Madison
*The Influence of El Niño and La Niña on the Duration and Intensity of Atlantic Tropical Cyclones*

3:45  Adam Robinette
*Planktonic Foraminifera Biostratigraphy and Paleoenvironmental Interpretation of the Upper Sedimentary Section of Core MD02-2560, Kane Spur, Gulf of Mexico*

4:00  Selina Cole
*The Development of a Unique Methodology for Point Counting at Outcrop Scale and its Application to Paleoenvironmental Trends in a Stromatoporoid-Dominated Biostrome in the Silurian Keyser Formation, Highland County, Virginia*

4:15  Mel Lawlor
*The Difference between Non-magnetic Magnetite and Lodestone*