JMU Geology & Environmental Science Student Research Symposium

Friday, April 24, 2015 Memorial Hall, Room 7370

9:00 Morning presenters upload their presentation files

9:30 Introductory remarks – MC John Haynes

9:35 Jeremy Butcher and Zach Swartz
Sediment Sourcing of Smith Creek: Investigations of Massanutten Mountain Tributaries

9:55 Justin Wood
Thrust Faulting and Duplication of the Massanutten Sandstone near Rileyville, Virginia

10:10 Thomas Farrell
Eruptions Triggered by Magma Mixing at Mount Jefferson, Cascade Range, Oregon?

10:25 Matthew Davis and Otobong Udoh
Using Daily Sampled Bulk Water Chemistry to Measure Chemical Variability of North River (at the JMU College Farm) for Winter and Spring 2015

10:45 Paul Mumaw
The Effects El Niño/La Niña has on Precipitation

11:00 Emily Fuller and Kaitlyn Allen
Changes in the Bulk Water Chemistry of the South Fork of the Shenandoah River During the Seasonal Shift from Winter to Spring 2015

11:20 Holly Doherty
Stratigraphy of the Upper Reedsville Formation, Germany Valley, West Virginia

11:35 Joshua Rossi and Jennifer Von Erden
Changes in the Bulk Water Chemistry of the North Fork of the Shenandoah River During the Seasonal Shift from Winter to Spring 2015

11:55 Greg Brennan and Brendan Soles
Water in the Asthenospheric and Lithospheric Mantle Underneath Eastern North America

12:15 Lunch Break – Afternoon presenters upload their presentation files

1:15 Introductory remarks – MC John Haynes

1:20 Shane Showalter and Claire Morris
Marsh Stability in the Chesapeake Bay: Bluff Point

1:40 Kathleen Meierdiercks
Conodont Biostratigraphy of Tidwell Hollow, Alabama

1:55 Veronica Bohne and Dustin Williams
A Comparison of Springs Through $\delta^{18}O$ and $\delta^{2}H$ and Bulk Water Chemistry Analysis in the Shenandoah Valley

2:15 Charles Covington
Silurian Facies Changes from Southern to Northern Highland County

2:30 Max Showalter
Briery Gap Sandstone: A Non-Continuous, Regional Facies Among a Larger Scale Depositional Environment

2:45 Jarrett Nguyen
Imaging the Subsurface Through Ground Penetration Radar: A Geophysics Guide to Understanding the Luray Caverns

3:00 Gerrit Irish
Testing Washington, D.C.'s Urban Heat Island Effect on Ronald Reagan National Airport's Temperatures and Snowfall

3:15 Timothy Louie
The Origins of Upper Silurian Chert in a Calcarenaceous Sandstone of the Tonoloway Limestone in Bath County, Virginia

3:30 Elliott Andelman
Pangaea Breakup Revisited: A New Web Interface for Student Inquiry

3:45 Cari Rand
A Method for Examining Downcore Variations in Elemental Proxies Using a Portable XRF Detector

4:00 End of Symposium