JMU Geology & Environmental Science Student Research Symposium  
Friday, April 22, 2016  
Memorial Hall, Room 7370

7:45  Morning presenters upload their presentation files

8:15  Introductory remarks – MC John Haynes

8:20  Julie Nawiesniak
Results and Challenges in Quantifying the Elemental Stratigraphy in Gulf of Mexico Sediments

8:35  Matthew Walker
A Comparison of Effectiveness of Various Remediation Methods for Mercury Contamination in Natural Waters and Soil

8:50  William Swanger
Using Google Earth’s Street View to Rate Cut Slopes Along Highways with Respect to Rockfall Hazards

9:05  Tyler Hansen
An Interactive Google Earth Interface for Investigating Plate Tectonics and the Breakup of Pangaea

9:20  Bryan Gallagher
A Look Back at the Deepwater Horizon Oil Spill

9:35  Charles Escobar and Jonathan Steinbauer
Smith Creek Stream Profile Analysis

9:55  Will Armstrong
Geophysics Through Subtraction: Cutting Through a Century and a Half of Cultural Noise to Look at Rocks

10:10  Caryn Martin
Use of Polymers to Strengthen Weak Erodible Rocks Affecting the Stability of Highway Cut Slopes

10:25  Whitney Spivey
The Response of Agglutinated Benthic Foraminifera to Dissolution Events in the Latest Paleocene

10:40  Elle Derwent
Systematic Classification of the Macrofauna from the Mt. Kindle Formation, NWT Canada

10:55  Airlie Lyle
A Self-Guided Tour to the Division of Geology and Mineral Resources' Rock, Mineral, and Fossil Collection, Charlottesville, Virginia

11:10  Caroline Robinson and Kelsea McKinley
Multi-proxy Analysis of Color Changes and a Revised Age Model for Holocene-Pleistocene Calcareous Ooze, IODP Site U1330, Western Equatorial Pacific

11:30  Kira Heeschen
A Look at Lake Shenandoah

11:45  Jessica Harris
Assessing Landslide Hazards Along Roadways in Augusta County, Virginia

12:00 – 12:45  Lunch Break – Afternoon presenters upload their presentation files

12:45  Introductory remarks – MC John Haynes

12:50  Thomas Harbour
Dominant Iceberg Transport of Terrigenous Coarse Sand, with Increases in Sea Ice Transport During Low IRD Times at Site 918, SE Greenland Margin

1:05  Logan Fike
Mineralogical Investigation of a Natrolite-Nephalite Porphyritic Phonolite Dike, Stoutameyer Creek Area, Augusta County, Virginia

1:20  Caroline Robinson
Combining Virtual and Actual Mud: An Interactive Google Earth Ocean Sediment Resource Complements a Real IODP Sediment Core Kit

1:35  Brandon Euker and Stacey Law
Testing of the Late-Ordovician Pre-GICE Warm Water Carbonate Hypothesis in Alabama

1:55  Rachel Hoar
Distribution of Water Content in Pyroxenes from Eocene Basaltic Volcanoes in Virginia and Bermuda

2:10  Anthony Giuseppe
Stratigraphy of the Upper Reedsville and the Oswego

2:25  Christopher Gates
Determining Pressure and Temperature Conditions of Lower Crustal Xenoliths from Augusta County, Virginia, Using Ternary Feldspars

2:40  Savvas Hadjichristodoulou
Cut Slope Design of the South Durant Road Cut in Covington, Virginia Using Terrestrial LiDAR

2:55  End of Symposium