

Dept. of Geology and Environmental Studies: Student Research Symposium Science

Friday April 27th, 2001, Miller Hall Room 217

- 9:00 **Stephen P. Flora** and W.C. Sherwood - STUDY OF THE LITHOLOGY AND SOURCE OF THE STONE WALL ALONG SUNKEN ROAD AT FREDERICKSBURG, VIRGINIA
- 9:20 **Amy Edwards** and Gene D. Robinson - DO TRACE METAL CONCENTRATIONS IN ROCK VARNISH VARY WITH AGE?
- 9:40 **Brian H. Neely** and L. Scott Eaton - SOIL PEDOGENESIS OF DEBRIS FANS, GRAVES MILL, VA
- 10:00 **Robert H. Greenlaw** and S.J. Baedke - DETERMINING THE ORIGIN OF SULFATE IN SELECTED WATERS OF SHENANDOAH VALLEY, VIRGINIA
- 10:20 **Rebecca Rodgers** and Roddy Amenta - COMPUTER MODELING OF CONTIGUITY AMONG GROWING CRYSTALS IN MAGMA
- 10:40 **Craig Kennedy** and S.J. Baedke - RECONSTRUCTION OF PALEO GROUNDWATER SYSTEMS IN THE MANISTIQUE EMBAYMENT, MICHIGAN
- BREAK-----
- 1:10 **Amy Parmenter** and S.J. Baedke - USING HYDROCHEMICAL DATA AND ENVIRONMENTAL ISOTOPES TO ASSESS MIXING OF WATERS IN A PRAIRIE WETLAND: COWBANE NATURE AREA PRESERVE, STUARTS DRAFT, VIRGINIA
- 1:30 **Christopher M. Printz** and L. Scott Eaton - THE KARST DEVELOPMENT OF THE UNION AND HURRICANE RIDGE CAVE SYSTEMS, DICKSON SPRING DRAINAGE BASIN, MONROE COUNTY, WEST VIRGINIA
- 1:50 **Stephen H. Reynolds** and L. Scott Eaton - THE INFLUENCE OF WATER AVAILABILITY ON PLANT RECOVERY RATES AT THE KINSEY RUN DEBRIS FAN; SHENANDOAH NATIONAL PARK, VIRGINIA
- 2:10 **Rodney Whittaker** and S.J. Baedke - TIDAL INFLUENCE ON THE HYDROCHEMISTRY OF A FRESHWATER TIDAL CREEK; MOUNT CREEK, VIRGINIA
- 2:30 **Mark Villa** and W.C. Sherwood - A GIS CONSTRUCTION OF A GEOLOGIC MAP OF THE GEORGE WASHINGTON NATIONAL FOREST