

AGENDA
Virginia Geologic Research Symposium
Geologic Research in the Blue Ridge and Valley and Ridge Provinces of Virginia
DECEMBER 12, 2008
In Honor of Tom Gathright

AGENDA

- 8:00 - 8:15 Registration
- 8:15 - 8:30 Introduction
- 8:30 - 10:10 Presentations
- 8:30 *The contributions of Tom Gathright to Virginia geology* - Bob Milici, USGS
- 8:50 *Recent advances in the Virginia Blue Ridge: a tribute to Tom Gathright* - Scott Southworth, USGS
- 9:10 *Paleozoic orogenesis in the Virginia Blue Ridge* - Chuck Bailey, College of William and Mary
- 9:30 *Middle Proterozoic basement complex rocks on the Amherst and Piney River quadrangles, Amherst and Nelson Counties, central Virginia* - Mark Carter, Division of Geology and Mineral Resources
- 9:50 *Tectonic inversion, basement buttressing and Mesozoic reactivation of NW-trending extensional fault zones in the Roanoke area* - Bill Henika, Virginia Tech
- 10:10 *Geologic controls on stream water chemistry in Shenandoah National Park* - Karen Rice, USGS
- 10:30 - 10:45 Break
- 10:45 - 12:00 Discussion groups
- Unresolved issues in Blue Ridge and Valley and Ridge Geology - Resource Center
- Integrating Geologic and Hydrologic studies - Benefits and Challenges - Training Room
- 12:00 - 1:00 Lunch
- 1:00 - 2:00 Poster Session - Training Room and Resource Center

- 2:00 - 4:00 Presentations
- 2:00 *A new appreciation of the significance of faulting in the southern Page Valley based on recent 1:24,000-scale mapping* - Steve Whitmeyer, James Madison University
- 2:20 *New geologic discoveries in the Saltville and Broadford Quadrangles of SW Virginia* - Loren Raymond, Appalachian State University
- 2:40 *Recent geologic mapping by the USGS in the northern Shenandoah Valley - observations, interpretations, and speculation* - Dave Weary, USGS
- 3:00 *Fold-to-fault progression of a major thrust - evidence revealed in horses of the North Mountain fault zone* - Randy Orndorff, USGS
- 3:20 *Regional ground water characterization efforts in the fractured bedrock terrains of Virginia* - Joel Maynard, Virginia Department of Environmental Quality
- 3:40 *The composite alluvial-karst aquifer system of the North River Headwaters, Shenandoah Valley, Virginia* - Will Orndorff, Virginia Department of Conservation and Recreation
- 4:00 - 4:15 Break
- 4:15 - 4:45 Report-out and discussion related to break-out sessions
Open discussion and wrap-up