

## ANNUAL MEETING SPECIAL EDITION

### EGD Again Sponsors a Pardee Keynote Symposium

Pardee keynote symposia are special events that examine leading edge topics in a scientific discipline or involve broad fundamental issues of an interdisciplinary nature. All speakers are invited to these sessions.

**Medical Geology** is the EGD-sponsored symposium developed through the diligent efforts of Syed E. Hasan, University of Missouri, Kansas City, MO. It is scheduled for Sunday, Nov. 7, 8 a.m. to noon. Experts from the geosciences, public policy, and health sciences will explore links between geologic factors and many health problems. This symposium will address new developments in the emerging field of medical geology.

Many EGD members may find another Pardee keynote symposium of particular interest. **Geoscientific Aspects of Human and Ecosystem Vulnerability** is offered on Sunday, Nov. 7 from 1:30 to 5:30 p.m. It will focus on how humans and the ecosystems they depend on are vulnerable to both natural hazards and human mismanagement.

### Abstract Deadline: July 13, 2004

In the continuing trend to electronic publishing, GSA asks that the online electronic abstract form found on the GSA website at [www.geosociety.org](http://www.geosociety.org) be used to submit your abstract for both topical sessions and discipline sessions. As in past years, a submission fee will be charged. The fee is \$18 for students; \$30 for all others. Additional details are provided in the June issue of **GSA Today** on p. 55. If submitting your abstract electronically is not possible, contact Nancy Carlson, (303) 357-1061, [ncarlson@geosociety.org](mailto:ncarlson@geosociety.org).

### EGD-Sponsored Short Courses Available In Denver

The Engineering Geology Division is sponsoring two of the nine GSA-sponsored short courses being offered to geologists attending the 2004 GSA Annual

Meeting. This is an excellent opportunity to improve an existing skill or develop a new one.

*Multi-temporal Stereo Aerial Photography* is a practical hands-on course to teach a simple but highly effective method to document the various terrain elements. The information developed from analysis and interpretation is applicable to all environmental and geologic investigations. This course includes a field trip to a study example. This is a two-day short course offered on Fri. and Sat., Nov. 5-6, 8 am-5 pm. Faculty for the short course are Dr. John C. Jens, U.S. Army Corps of Engineers, and Dr. Thomas E. Eastler, University of Maine at Farmington.

*Practical Geoscience Ethics: Elements and Examples* will benefit those who teach future geologists about ethics and those who find themselves encountering questions on ethics in their work. This one-day short course held Sat., Nov. 6, 8 am-5 pm, will examine the elements of professional geoscience ethics using case histories illustrating a variety of issues. It will explore the significant distinction between ethical rules and ethical ideals. The faculty is David M. Abbott, Jr., a consulting geologist from Denver, CO.

## **EGD Members Urged to Contribute Abstracts to Topical Sessions**

The quality of technical sessions at the GSA Annual Meeting depends heavily on the participation of GSA members. Topical sessions are proposed to promote an exchange of state-of-the-art information and to bring together the thinking of individuals working on similar research interests. Each topical session has one or more sponsors who can provide more details on the session focus. Topical sessions are typically oral presentations unless specified as poster sessions.

EGD members are encouraged to consider submitting an abstract to topical sessions that involve areas in which they are doing work. The Engineering Geology Division both sponsors and co-sponsors topical sessions. This is to ensure that its members will have technical sessions that are both interesting and informative. Listed below are topical sessions sponsored or co-sponsored by EGD in Denver. Topical sessions are identified by number as noted in the listing below. EGD members submitting abstracts should ensure that the correct session identifier is denoted on any abstract they submit.

### **T16. Linking Groundwater Models and Watershed Models.**

**Tom Winters, U.S. Geological Survey. Co-sponsored with the GSA Hydrogeology Division.** This session is intended to present the latest developments in integrating surface water into groundwater models and groundwater into watershed models, and to perhaps lay the foundations for new directions in these efforts.

**T31. Impacts of Water Storage and Consumption on Watershed Processes. Sara Rathburn and Ellen Wohl, Colorado State University. Co-sponsored with the GSA Quaternary Geology and Geomorphology Division.** Water

storage and consumption structures dictate water and sediment delivery to most watersheds. The myriad responses of watersheds to the imposed regulation informs us of the resilience and future of our fluvial systems.

**T32. Geological Mapping: Providing for Successful Water and Land Resource Planning.**

**Richard Berg, Illinois State Geological Survey, Harvey Thorleifson, Minnesota Geological Survey and Peter Lyttle, U.S. Geological Survey.** Co-sponsored with GSA Quaternary Geology and Geomorphology Division, GSA Geology and Society Division, GSA Geology and Public Policy Committee, GSA Hydrogeology Division and Association of American State Geologists. Geological mapping is a key to environmental protection and management of water and land resources. The session will highlight innovative mapping products that are being used by an increasingly broad range of users. (Poster)

**T37. GIS, GPS, and Remote Sensing in Geologic Hazard Assessment.**

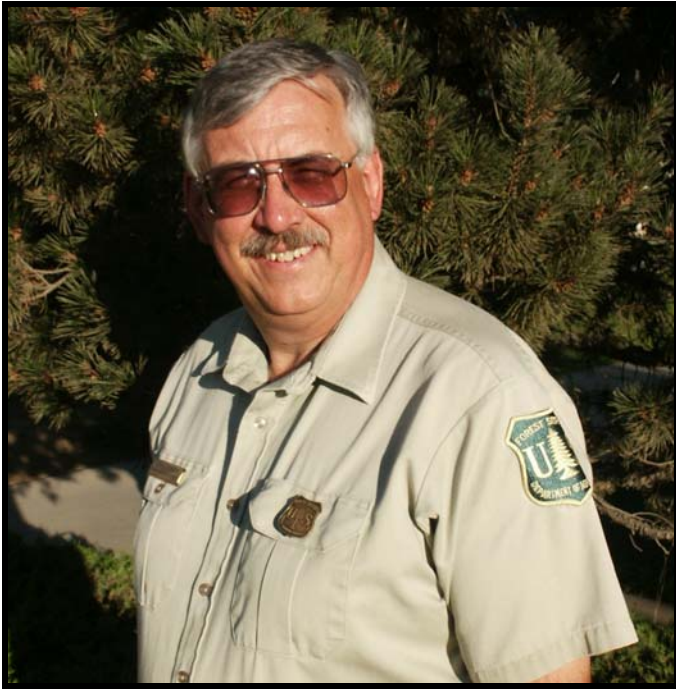
**William Haneberg, Haneberg Geoscience, Seattle, WA, and Norman Levine, Charleston, NC.** Case histories and research using geographic information systems, Global Positioning System, or remote sensing (including LiDAR {light detection and ranging}, InSAR {interferometric synthetic aperture radar}, digital elevation models, or hyper-spectral imaging) for mapping or simulating landslides, debris flows, floods, neotectonic and volcanic processes, subsidence, karst, and other hazards. (Both Oral and Poster)

**T128. Integration of Geoscience into Programs of Integrated Science and Math.**

**John Rockaway and Denice Robertson, Northern Kentucky University.** Co-sponsored with the GSA Geoscience Education Division. Presentations discussing the incorporation of geoscience into programs integrating science and math for the purpose of introducing students to the sciences and encouraging them to think outside their nonscience disciplines.

**EGD Luncheon – An Opportunity to See Old Friends and Make New Ones**

The EGD luncheon is planned for noon on Tuesday, November 9th. It is the only organized EGD event which provides for informal interaction among Division members. It is an excellent opportunity to finally catch up with that old friend you keep missing in the large crowded hallways during the topical sessions. This ticketed event should be included in your pre-registration (see page 25, June 2004 issue of *GSA Today*). Very few tickets are available onsite. The recipients of the E.B. Burwell, Jr. Award will be among those honored at this gathering. Also, the Distinguished Practice Award will be given to Jerry DeGraff, USDA Forest Service, and the Meritorious Service Award will be presented to Vince Cronin, Baylor University. Please plan on coming to honor this year's awardees, enjoy the camaraderie, and spend quality time with your fellow engineering geologists.



Jerome V. DeGraff, USDA Forest Service, Clovis, CA  
Recipient of the 2004 EGD Distinguished Practice Award



Dr. Vincent Cronin, Baylor University  
Recipient of the 2004 EGD Meritorious Service Award