

# ASSOCIATION OF ENGINEERING GEOLOGISTS

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## **Richard M. (Dick) Iverson has been named the 2005 Jahns Distinguished Lecturer.**

The Association of Engineering Geologists and the Engineering Geology Division of the Geological Society of America (GSA) jointly established the Richard H. Jahns Distinguished Lectureship in 1988 to commemorate Jahns and to promote student awareness of engineering geology through a series of lectures offered at various locations around the country throughout the year. Richard H. Jahns (1915-1983) was an engineering geologist who had a diverse and distinguished career in academia, consulting, and government.

Richard Iverson is a graduate of Iowa State University (B.S., 1977) and Stanford University (M.S., 1980; M.S., 1981; Ph.D., 1984), where he was a student in several of Richard Jahns' classes and subsequently a teaching assistant to Jahns in his graduate course in Engineering Geology. Since 1984 Iverson has worked at the U.S. Geological Survey's Cascades Volcano Observatory in Vancouver, Washington, where his current position is Senior Research Hydrologist.

Iverson is a Fellow of the Geological Society of America and a past recipient of the Society's E.B. Burwell Award (1991) and Kirk Bryan Award (2001). Much of his research has emphasized the mechanics of post-failure landslide and debris-flow motion, modeling and measurement of hydrologic processes that trigger landslides, and statistical forecasting of areas likely to be inundated by future landslides and debris flows. Iverson has additionally worked on diverse topics ranging from erosion of desert soils to deformation of subglacial till layers and volcanic lava domes. He instigated construction of the USGS debris-flow flume in central Oregon in 1991 and thereafter has directed research at the facility. He is an Affiliated Professor at the University of Washington,

Seattle, an Adjunct Professor at Portland State University, and was recently a guest scientist at the Isaac Newton Institute for Mathematical Sciences, Cambridge University.

The 2003 Jahns lectures are titled "Dynamics of debris flows and rock avalanches" and "Long-term behavior of slow-moving landslides: measurements and mechanics." Both lectures will include video footage of relevant experiments conducted at the USGS debris-flow flume as well as descriptions of pertinent field data and mechanical analyses. Iverson will deliver whichever lecture is requested.

Requests for scheduling lectures should be directed to Richard Iverson at [riverson@usgs.gov](mailto:riverson@usgs.gov).