Exploring the Ends of the Earth—Neptune’s Basement

Free Lecture by Dr. David Gallo
Director of Special Projects
Woods Hole Oceanographic Institution

Gallo’s presentation addresses the last two decades of deep ocean exploration leading up to the current challenge at Woods Hole Oceanographic Institution—designing a sophisticated robot that will, for the first time ever, enable exploration at depths of over five miles. Deep sea explorers have no idea what they’ll find in this deep, dark, and most hostile of worlds, but given what’s been seen in shallower waters, anticipation is high. The recipient of a Computerworld-Smithsonian Award and the John J. Conley medal for communicating science to the public, Gallo works closely with scientists and engineers at the forefront of global exploration and discovery and was one of the first oceanographers to use a combination of manned submarines and robots to map the undersea world with unprecedented clarity and detail.

Monday, September 25, 2006
7:30 p.m., Rozsa Center
Free. Open to all.
Appropriate for high school age and up.

Additional Free Lecture by David Gallo

Global Water Crisis

We live on the “blue” planet with more than 70% of the Earth’s surface covered by water. Yet more than one billion people still lack safe, clean drinking water, and another two billion lack adequate treatment for wastewater. With global water wars looming, clues from the ocean indicate that we are on the verge of a significant change in climate. Warming temperatures are causing increased melting of ice at the poles, altering the movement of warm ocean currents. How will changing climate and diminishing freshwater supplies alter human survival, global tensions, and the natural landscape?

Tuesday, September 26, 2006
Noon–1:00 p.m., 135 Fisher Hall
Free and open to all.