Virtual Laboratory for Earth and Planetary Materials, VLab
Renata Wenztcovitch, Yousef Saad, Ilja Siepmann, Don Truhlar, Dave Yuen (Minnesota), Philip Allen (Stony Brook), Gordon Erlebacher (Florida), Bijaya Karki (Louisiana), Marlon Pierce (Indiana), Frank Spera (Santa Barbara), ITR 0428774, 0425059, 0427264, 0426601, 0426867, 0426757

VLab Undergraduate Internship Program - Summer 2005

Professor David A. Yuen, Department of Geology and Geophysics.
Project Description: Interns associated with David Yuen are working on visualization projects. One consists of visualizing and analyzing large geophysical datasets on the Powerwall display device. Amira and Paraview are the visualization software packages being used. Another project consists in developing a Web-service for allowing visualization from Paraview software to be rendered and observed by remote users through the middleware NaradaBrokering.
Students: (From left) Gretchen Beebe, Physics, Mathematics (Minor: Chemistry), Monica Christiansen, Aerospace Engineering, Benjamin J. Kadlec, Computer Engineering, Ekaterina Shukh, Computer Science, Shuo Wang (not shown), Computer Engineering. They are all University of Minnesota students.

Professor Donald G. Truhlar, Department of Chemistry
Project Description: This project is about modeling various water systems. It involves determining how well different methods do at modeling water systems with an OH radical, and possibly improving some existing method for this purpose.
Student: Ian Haken Texas Academy of Mathematics and Science, major in Mathematics, Computer Science

http://vlab.msi.umn.edu