

## Workshops

Spring 2003

### **Learning Through Guided Inquiry**

Wednesday, February 19, 3:00 - 4:30 p.m.

David E. Meltzer, Assistant Professor of Physics and CTE Teaching Scholar, 2002-03

Inquiry-based learning is an instructional method in which students are guided to synthesize concepts by investigating and resolving a series of carefully structured problems. Instructors avoid offering answers before students have had a chance to work out solutions and explanations for themselves. Instead, instructors provide guidance through a series of leading questions. In this workshop participants will work in groups, using simple physics laboratory equipment, and be guided to discover some important basic principles of electricity and magnetism.