What students and faculty say about

**Technology as a learning tool**

"...we don't try to come up with ways we could use the technology first. Instead, we think about what would be an interesting question to ask, and what resources we need to effectively do the inquiry...we are asking the students to analyze the temperature profile of the atmosphere using Excel and ArcView as it pertains to the development and possible presence of an urban heat effect in Portland...So you bring the technology to the task at hand, based on what needs to be done."

— William Becker, Center for Science Education
Portland State University

**Simulate, visualize, and model**

"I learned more in this one class than I did in probably a year and a half at [my old school], in just understanding how faults work in three dimensions. Geology is such a visual subject anyway that without being able to see things in three dimensions, and being able to move things around and physically go into a data set and pull things apart, you are at a great disadvantage..."

— Shane DeGross, Geology Student
San Diego State University