



Photo by Jeff Pasley

Aaron Koskelo, Shared Laser Facility director, displays a supersonic jet expansion apparatus, which chills molecules into solids without freezing them.

SCIENCE

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partments," said institute member Marvin Girardeau.

There is a need for more companies that do basic research, as opposed to manufacturing, Girardeau said, adding that the difference between companies that do basic research and companies that do manufacturing is one of motivation.

"The motivation of basic researchers is to learn and understand," he said. "The motivation of manufacturers is to make money."

Manufacturers employ scientists and that's where it gets "a little hazy," Girardeau said. The University's proposed Riverfront Research Park is an attempt to bring in non-polluting types of corporations that do basic research as opposed to manufacturing, he said.

Many institute members conduct research in the Shared Laser Facility established in 1984, said Aaron Koskelo, facility director. This shared facility allows members to interact in ways which otherwise might not be possible.

"There are a number of

groups that work down here," Koskelo said. "They're all in one big room so they can share ideas."

The institute itself "fosters exchanges" between researchers and students, he added.

Kellman hopes the number of high-tech companies in Oregon grow so that there are more opportunities for graduates in science research.

"More students would like to stay in Oregon," he said. "The state isn't taking advantage of them. Oregon could be spectacular in high-tech companies. The economic future of the state lies largely in high-tech businesses."

Besides a lack of post-graduate research in Oregon, the science program is also generally poorly funded by the state, Kellman said.

"We are not well funded," he said. "The reason for that has to be that we haven't got the news out about what we can do for the state. The state hasn't been generous with money for higher education in general."

"I'm mystified when legislators say, 'We have to cut the fat at these institutions' because there just isn't any fat to cut."

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POTTERY

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Peterson, who calls his business "People Pottery," sets up his wheel and drying machine every morning at 8 a.m. just outside the Main Desk. He works every day until 6:30 p.m.

"I just tell someone to come over and sit down and I'm going to make a bowl with them," Peterson said. "It's kind of funny, but people see what's going on, and they want the pottery."

Peterson taught pottery and other subjects in Czechoslovakia for three years before returning to the United States. His son, who went with Peterson on the trip, returned to

the University to finish a degree in education.

Peterson set up a similar business at Knotts Berry Farm in Southern California for 40 days last fall.

"I must have thrown 870 bowls and mugs in those 40 days," he said. "If people are in line, I can throw 20 pots in an hour."

But Peterson said he is interested in a bigger market than the EMU. "I want to start a franchise, but it's real hard to teach someone what I do," he said.

"Only 3 percent of all people I've taught are able to see a pot being thrown, remember the process, and do it easily. I guess I'm just a natural."

BUSINESS

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ing his business was going to be better off than some.

"The majority of our business comes in from town," he said. "But that doesn't mean we're not going to be impacted."

Williams, who estimated the University crowd makes up 95 percent of his business, said the chronic parking problem in the area dissuades many out-

side customers from coming to 13th Avenue.

"There doesn't seem to be a problem," he said. "That's why our whole marketing effort is directed at the campus."

"I don't know if attracting outside people is the answer," Scarpelli said. "There's the parking problem, and most people try to avoid the University area."

"It's going to be real interesting to see how it works out."

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