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MINING 101



CHRIS CODUTO/Arizona Daily Wildcat

Mining engineering freshman Jeffrey Kinney climbs up a ladder at the San Xavier mine. The mine is operated by the College of Engineering and Mines, and is designed to provide hands-on experience for the mining students.

STUDENTS MAN THE MINES AT UA'S UNDERGROUND CLASSROOM

By Nathan Tafoya
STAFF WRITER

Back-dropped by a low hill, dusty men and women emerge from a mine entrance, turning off their hard hat lights and taking off their work belts.

Students in UA's department of mining and geological engineering experience the contemporary and often complex side of the mining industry the rest of us never see, by working at a laboratory donated to the UA in 1975.

The San Xavier Mining Laboratory is the only facility of its kind in the United States because of its working vertical shaft and because it is structured much like an operating mine.

The lab, approximately 23 miles away from the UA, is entirely student-run.

"We run equipment, run drills ... working, you know, maintenance here and there," said Claudio Cossio, a mining engineering senior. "We come out here every Saturday from 8 a.m. to 4 p.m."

The student mine

management is responsible for nearly every facet of the facility, including safety programs, mine planning, regulatory compliance and most administrative functions.

While clocking in the usual eight-hour shifts per week at the mine, engineering students are exposed to some of the latest technological advances in mining and excavation through hands-on training.

Even though he receives no credit or pay for the eight-hour days, Cossio said the commitment is not a waste of time.

"It's a small mine, but you get an idea of what it's like in the real world," he said.

Cossio was in Georgia this past summer working with a company constructing tunnels 18 feet in diameter for a 10-mile subway system.

Job placement for mining engineering is 100 percent, said Hugh Miller, associate professor and director of the mines. The high demand makes it the second or third highest paying degree,

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VP calls for more medical training

Tuition revenue could help fund increases in faculty salaries, Likins says

By Tim Lake
CONTRIBUTING WRITER

UA Vice President for Health Sciences Dr. Raymond Woosley told an audience of about 100 people yesterday that the UA must grow to handle a shortage of health-care professionals in Arizona.

The problem is getting worse, especially because Arizona is not keeping those who graduate from the in-state health care programs, he said.

"It's almost a perfect storm about to hit Arizona," he said. "We are a net exporter of physicians and health care providers."

At the town hall, where Woosley spoke along with President Peter Likins and Provost George Davis, Woosley said that negotiations are in progress with one of the three candidates for the College of Medicine dean position, who administrators hope will help address the shortages.

Likins then drew a laugh from the crowd when he quipped, "No word yet on the football coach."

Administrators also discussed faculty salaries at the town hall.

Davis said the university must get creative with salary packages and incentives to progress towards filling the salary gap.

The university needs to reduce its dependency on state funds and pay for salaries with growing revenue sources, Likins said.

At the September Arizona Board of Regents meeting, Likins submitted a request to the legislature for \$15 million to fund faculty salaries.

Likins said that one possible source of revenue to help fund faculty salaries is tuition, which until last year's \$1,000 tuition hike, was not a growing source of revenue.

"We're beginning to ramp (tuition) up," he said.

Another potential source of funds for the university is research, Likins said.

"Research is a big part of our mission," Woosley said.

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UAPD commander brings advice, experience to senate

By Dana Crudo
STAFF WRITER

As ASUA tries to tackle the problems between students and neighbors, they're turning to a fellow senator whom no one voted into office.

Cmdr. Brian Seastone of the UAPD has been the honorary adult senator in the ASUA senate for the past eight years.

Usually at Wednesday senate meetings, he sits quietly off to the side, but when a debate arises among the senators, he often pipes in to clarify an issue or offer some insight they might not otherwise have discussed.

This year, senators have been turning to him for help concerning how students can become better neighbors.

"It's good because it's not like the senators are asking a random police officer questions," said Senator Morgan Kisler. "Seastone is a good contact to have in the police

department."

Concerning neighbor-student relations, Seastone said he has been able to use his position at UAPD to provide contact information for the senators.

Seastone is a good resource when it comes to dealing with the conflict between students and neighbors. He is an expert because he faces underage drinking everyday, said Melanie Rainer, ASUA executive vice president.

Seastone said that he has not yet been offering advice, but rather he has just been answering senators' general questions, such as who should be invited to the forum that will bring together students and neighbors on Feb 3.

"I'll serve as a resource as best as possible, depending on where they want to go," Seastone said.

But the help goes both ways.

"The position really helps me because I can bring back their concerns to the department," Seastone said.

Seastone devotes a couple of hours assisting the 10 ASUA senators, while serving over 40 hours a week overseeing daily patrol and investigations.

The ASUA president and executive vice president choose the honorary senator and the senate approves the appointment.

"We thought about asking other people, but if he wants to be here then we want him here," Rainer said. "He has a lot of experience and is extremely dedicated."

Rainer said that he helps senators to look at all sides of an issue.

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UAPD Cmdr. Brian Seastone is an honorary adult senator in the ASUA senate, a position he has held for the past eight years.

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Arizona Daily Wildcat