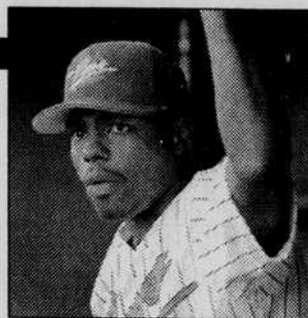


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TODAY

The Oregon Bach Festival continues tonight as Helmut Rilling conducts Bach's *Orchestral Suite No. 1* at 5 p.m. in Beall Hall.



INSIDE

Pooh Hines, Ems outfielder, leads in the dugout as well as at the plate, where he is batting .444

5

The dynamics of campus safety change in the summer thanks to the warmer weather

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WEATHER

Scattered showers. High 75. Low 50.

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HOUSING CONSTRUCTION

Bean Complex gets updated atmosphere

■ **HOUSING:** The aim of the remodel is to make the complex more popular and more appealing

By Michael Hines
Oregon Daily Emerald

Bean Complex. Proper noun meaning University residence hall. Cramped, oppressive. Also known as "prison" and "the ghetto."

This definition of Bean Complex, located at East 15th Avenue and Agate Street, is an image on the verge of change.

"We're trying to make [Bean] look more like their homes."

Patrick McFall
Bean Complex
Resident Director

The University sunk \$2 million into a two-summer construction project designed to improve Bean in several ways.

The building, which is more than 30 years old, is in need of renovation after years of use by students and conferences, Director of

Housing Facilities Nancy Wright said.

The complex is in Phase II of its two-phase project. During the summer of 1996, the East side of the complex was renovated. Now it is time for the West to be refurbished.

The project is scheduled to be completed on Sept. 9, and the new furniture is scheduled to be in the rooms by Sept. 15.

The new furniture is different from the darker, heavier furniture of the past. The closets are movable, as are the beds. Some beds have drawers, while others are in bunks, creating more space. The desks and bookshelves will also be new. The wood will be lighter, brightening the room.

In addition, the complex will be brought up to seismic requirements. The roof and mechanical system are also being renovated.

Housing residents are supplying none of the \$2 million. All of the money is coming from bonds. This also leaves reserve money intact for emergencies.



CHAD PATTESON/Emerald

Construction worker Rodney Schultz removes debris from the renovation of Bean West.

Turn to HOUSING, Page 4

'One card' system delayed

■ **NEW IDS:** The new cards do have some new options, including use as a photocopier card and as a check for student status at the bookstore

By Carl Yeh
Associate Editor

Further development of the "one-card" debit system will be delayed for a year or two due to lack of funding, said Dan Williams, University vice president for administration.

A fully developed one-card system would allow University students to use their ID cards for everything from buying snacks from the EMU Convenience Store to buying products from local vendors. Students would be able to add money to their card accounts and use it like a debit card.

Currently students can do many things with the new IDs issued last fall.

"It's been quite successful," said Trent Spradling, one-card project manager.

For example, "In the University Bookstore, computer sales use the magnetic stripe on the ID to make sure students are current," he said.

Students can also use the cards in photocopiers and as keycards in electronic security systems, Spradling added.

"We're holding the [card system] as it is," Spradling said.

"We're at the point now that any major development will require significant financial investment, and the University is not in the position to do that," Williams explained.

Further development would include upgrading the old cash registers and related systems in the EMU, Spradling said.

"That necessitates a major investment in computers and software," Williams said.

There are also management concerns.

"The question now is who needs to run the program: the EMU or some other campus office?" Williams said.

Spradling believes a good foundation is in place for the one-card system that will allow it to grow.

"We have a good basic platform in place with jumpstrips (the narrow stripe on the back of the ID card), barcode and magstripe (the larger magnetic stripe)," Spradling said.

Government-endorsed DES encryption code broken in challenge

PARTICIPATION

Ranking of university participation in DESCHALL

- **CARNEGIE MELLON:** First Place (most participation)
- **UO:** Sixth place
- **OREGON STATE:** 24th Place

■ **CODE:** The DES is still considered by many to be secure because it would take an effort equal to the one that broke the code for each and every encrypted message

By Carl Yeh
Associate Editor

Tens of thousands of computers all across the United States and Canada worked cooperatively in a grass roots effort to prove that the government-endorsed Data Encryption Standard (DES) could be broken.

A message encoded by DES was broken by Michael K. Sanders of iNetZ Corporation in Salt Lake City at around midnight on June 17.

"The DESCHALL (DES Challenge) effort is an attempt to prove the DES keys the government uses as encryption are insecure," said Joel Jaeggli, manager of the University's DESCHALL web page.

DES is a national standard adopted in 1977 by most federal agencies and in many areas of the private sector. It is used to encrypt information transmitted over computer networks to prevent a third party from accessing the information.

Sanders won 40% of the \$10,000 prize offered by RSA Data Security, Inc. The rest of the prize money goes to Rocke Verser, a contract programmer and consultant who developed the specialized software to break the DES. Verser coordinated the DESCHALL.

Hervey Allen, a microcomputer support special-

ist at the University, isn't worried about the integrity of DES despite the recent code break.

"I'm not worried about that at all," he said. "I'd worry about the credit card receipt that you leave at a restaurant before I'd worry about commerce security [on the Internet]." Credit card receipts contain financial information that could be abused, he explained.

Joe St Sauver, an assistant director at University Computing, isn't worried either.

"The DES is fine and is still in widespread use," he said. "However, if you were determined, you could still break it."

Determined means having thousands of ma-

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