

**All
Big Red
Clothing
On Sale**

No Coupon Needed
Effective Through 12/22/94

**EARN
EXTRA
MONEY
AFTER THE
HOLIDAYS**

ASSIST MEDICAL RESEARCH

You can earn up to **\$2,000** by participating in a medical research study at Harris. Many studies are currently available. If you are in good medical condition and meet the criteria below, call us at **474-PAYS** to find out more.

- men
- nonsmokers
- 19-45 years old
- availability: weekend stays

Harris testing pays. Call **474-PAYS** today!

Dont delay! Call now before the holidays.

BE PART OF THE CURE

HARRIS
621 Rose Street
Lincoln, NE 68502

Technology moves off campus

By Andrew Lucas
Staff Reporter

UNL is experimenting with new video streaming technology and has shared the technology with a Lincoln school.

"It is instant TV embedded in your day-to-day computer work," said Professor Jim Emal of the University of Nebraska-Lincoln's Institute of Agriculture and Natural Resources.

IBM developed video streaming, which starts with an audio-video adaptor card that breaks down audiovisual signals and then compresses them. The adaptor is called EduPort.

The compression allows users to squeeze more signal into the same amount of space. The compressed signal can then be stored on a computer hard drive like any other computer file.

When someone calls up stored

material, the signal is pulled off the hard drive. It is then sent to the user's personal computer in a video stream. This allows any computer to play the signal without having to download all the information.

"Instead of changing mediums, you just pull up another file," Emal said.

The stream can be stopped, started and replayed just as a video tape would be.

"The challenge was to see if we could digitize stuff in real time," Emal said.

Al Stark, manager of computing services at IANR, said the technology had been used in a laboratory, but never in a real-world setting.

UNL is even letting people outside the university in on the advances. UNL was the first to put the technology in schools; Lincoln High was a test site last school year and part of

this year.

Cathy Knight, a Lincoln High teacher, used the system in her science fiction class.

"It didn't create a problem," Knight said. "It just added to our knowledge. It was very easy to work into the planning of classes," she said.

The system allowed Knight to show a variety of materials without having to switch video tapes or hand out photocopies to each student.

"It helped me to teach in an easier way with a smoother presentation," she said. Knight also said the access to up-to-date information and technology was helpful.

Emal said using this technology on campus was the project's next step. The lecture hall in Keim Hall is being converted to provide space for the technology, he said.

Reaction

Continued from Page 1

engineers were needed, he said. Actually, compelling data shows the opposite is true, he said.

Another issue is paying for the improvements in a year when the Legislature faces a projected \$40 million shortfall, he said.

"It's fine if you look at these things in a vacuum," he said. "But when it comes to paying for it..."

Smith has said a tuition increase would be considered if the money was not found in state, federal or private funds. That possibility was cause for concern, Hassebrook said.

Drew Miller of Papillion, who will replace Regent Nancy Hoch of Nebraska City, said Sunday that the decision would hurt the college when it came to private funding. A lot of businesses' support was contingent on creating a separate college in Omaha, he said.

Miller said the only positive thing he found in the weekend decision, besides the increased funding, was that Smith didn't rule out a separate college. Smith only stated that it was not logical at the time, Miller said.

The regents now will have to decide how to pay for the improvements, Miller said.

Friday's vote did not close the book on the "chronically pending engineering issue," Wilson said.

"I can't say it is the end for all time," Wilson said, adding that he expected the issue to be revisited within the next five years. "We can pass these things ... but the Legislature has to appropriate the money for it."

"In that sense, it is not over."

Wilson said the conflict between Omaha and Lincoln engineering faculty was nothing new, and wasn't without merit.

However, Wilson said, he did not know why a cross-campus engineering program couldn't work.

"There is nothing inherently wrong with cross-campus programs," Wilson said. "Why isn't this one

Regents' views differ

By Paula Lavigne
Senior Reporter

The NU Board of Regents voiced varied opinions during a three-hour engineering debate at Friday's meeting and public forum.

Regents voted 5-3 against creating a new engineering college at the University of Nebraska at Omaha. The regents also approved \$4.9 million to improve engineering education in Nebraska.

Regent Rosemary Skrupa of Omaha said additional funding for UNO would not solve its engineering problems.

"You've thrown a dog a bone without meat or marrow," she said.

Regent John Payne of Kearney backed NU President Dennis Smith, saying the number of engineering graduates exceeded the number of jobs available. Producing quality graduates was more important than having a large quantity of graduates, he said.

Payne also said the issue was unique because the UNO and UNL campuses were under the jurisdiction of one body. He suggested the engineering dean report to Smith instead of to University of Nebraska-Lincoln Chancellor Graham Spanier.

Regent Nancy O'Brien of Waterloo said UNO's engineering issue should have been treated like a child abused by its NU parents.

After seeing four engineering deans fail at UNL and after seeing

*"You've thrown a dog
a bone without meat
or marrow."*

■
ROSEMARY SKRUPA

NU regent, Omaha

the deterioration of the engineering program at UNO, O'Brien said an independent college was the only way to resolve the issue.

"You do not put the abused child back under control of the abuser," she said.

Regent Robert Allen of Hastings said the UNO engineering program was to blame for its own lack of funds. UNO engineering representatives never approached the Legislature when they needed funds, Allen said.

"It's not the parent abusing the child," he said.

Allen, who admitted he made negative statements during the debate, said the decision was made and that it was time to end the controversy.

O'Brien, who said she was disappointed with the decision, said an educational debate should never again be tried in a political arena.

"There are no winners or losers except the state of Nebraska," she said.

working?"

Wilson said NU's nursing program, which exists at sites across the state, was running smoothly.

The real solution, he said, may be in finding the source of the discord and resolving it.

Wilson said he thought the tension

among the regents had passed, and they were prepared to accept the decision and work to implement it.

At the end of Saturday's meeting, Wilson told regents their action had set a future course for the university.

"It's critically important that we make it work," he said.

Smith

Continued from Page 1

would pay for "phase-one" of the projects.

Smith said he would ask donors from across the state to help NU.

"We really do need the Omaha business community to help us," Smith said. He said he also would seek the help of the University Foundation, a fund-raising group for NU.

Smith said he couldn't respond to comments made by some regents that support in Omaha would dry up because he had not spoken to Omaha business leaders.

UNO Chancellor Del Weber said he would not be involved in implementing Smith's recommendations.

"It's not our responsibility for engineering," he said.

UNL Chancellor Graham Spanier said the first thing that needed to be done in Lincoln was to appoint an interim dean of engineering. Search committees for both a permanent engineering dean at UNL and an associate engineering dean for the Omaha campus would then be appointed.

Omaha would be well-represented on both search committees, Spanier said. He said it was likely those search committees would look outside the NU system to fill the positions.

Senior Vice Chancellor for Academic Affairs Joan Leitzel said she would meet with engineering department chairmen and the associate dean early this week to discuss prospects for the interim position. Leitzel said she would begin to conduct interviews from a "short list" this week.

The interim dean would not necessarily have to come from within the engineering college, she said.

Spanier said one of the interim dean's first jobs would be to strengthen the ties between the UNO and UNL engineering programs.

Senior Reporter Paula Lavigne contributed to this report.

Meeting

Continued from Page 1

to give coaches a share of the profits that come from national tournaments or bowl games.

In other business, the board approved a \$150,000 settlement with the Internal Revenue Service that stemmed from an audit of the uni-

versity.

NU General Counsel Dick Wood said the dispute arose over the use of complimentary football tickets. He said the IRS had said there was a lack of sufficient records to show that the tickets were being used for business.

As part of the settlement, Wood said, the university would keep record

of all complimentary tickets to show that they were used for business purposes. He said that if the tickets were not used for business, the university would have to pay taxes on them.

Over two years, 375 complimentary tickets were used, Wood said.

The regents voted unanimously to approve the settlement.

"Who says no to the IRS?" Skrupa joked.