

WEATHER: Tuesday, partly cloudy and mild. High in the upper 40s to lower 50s. Variable wind becoming southwest 5 to 15 mph. Tuesday night, partly cloudy. Low 25 to 30. Wednesday, partly sunny and mild. High in the mid- to upper-50s.

Daily Nebraskan

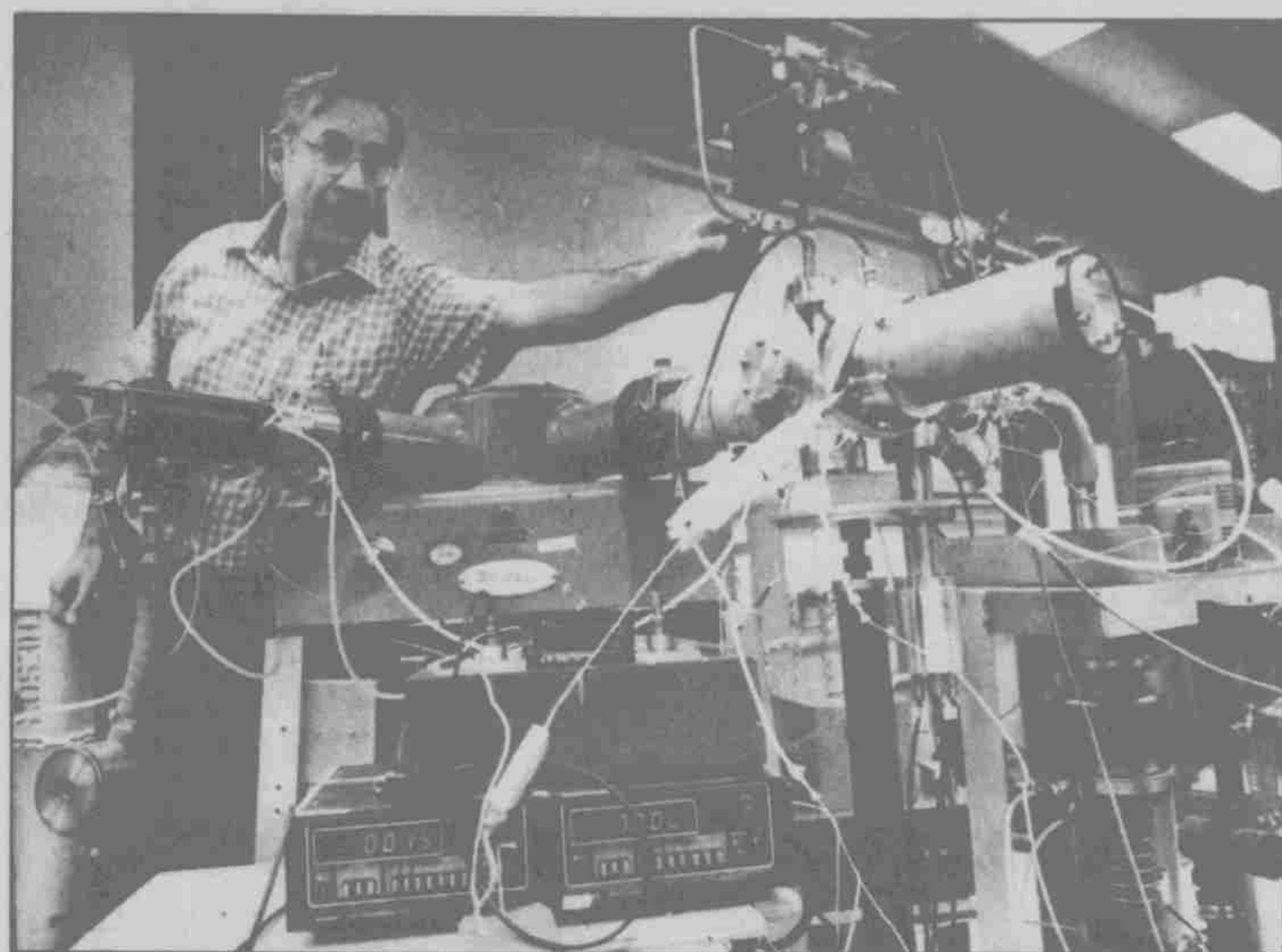
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Andrea Hoy/Daily Nebraskan

Professor James Samson checks over the machine he designed to experiment with x-rays and ultraviolet light.

Outstanding faculty named

By Laura Smith
Staff Reporter

NU's highest honor for a faculty member, the "Outstanding Research and Creativity Award," has been

received by UNL professors Robert M. Beadell and James A.R. Samson.

A faculty committee chaired by Dr. Samuel Cohen of the NU Medical Center, recommended them to NU Provost Lee B. Jones for his appro-

val. The selection was based on outstanding research and creative achievements.

Beadell, 61, professor of composition and music theory, has been at UNL since 1954. He has composed more than 70 works. Beadell said that at UNL he can hear his music performed immediately after it is written.

"Because the university is a patron of the arts," Beadell said, "I don't have to compromise like people in the commercial fields do. You don't have to hit the Top 40 every week."

Samson, 58, said UNL has an excellent climate for research. He said he enjoys the freedom of investigation found here.

Samson, a physics professor, studies the structure of atoms and molecules. In the lab, he uses ultraviolet and x-rays to observe how atoms and molecules break up.

In his lab, Samson duplicates the effect of the sun's rays that bombard the ionosphere, separating atoms.

Samson, who has been at UNL since 1970, said that he enjoys working with the graduate students who come here from all over the world.

Samson said he is glad the university has programs such as the Outstanding Research and Creativity Awards because "we don't work just an eight-hour day."



Andrea Hoy/Daily Nebraskan

Beadell works on one of his compositions.

Jackson to speak at conference

By Lee Rood
Staff Reporter

An audience of about 1,200 is expected to attend the keynote address of the Rev. Jesse Jackson Wednesday at the opening of the 20th Annual Nebraska Model United Nations.

Jackson will speak on "The Power of the Individual," at 8 p.m. in the Centennial Room of the Nebraska Union. Sponsors of Jackson's speech include the Nebraska Model United Nations, the American Minorities Council and UPC Talks and Topics.

Jackson's speech is one of many events scheduled for delegates during the conference, which will continue through Feb. 14. Other events include a

reception for Jackson and a dance to celebrate the conference's 20th birthday.

Delegates in the conference will be debating and voting on various international social and political problems as the United Nations in New York does.

The object of Nebraska's Model United Nations, according to Shari Lewis, the conference services director, is to help students understand how the real United Nations works. Delegates also will learn formal and informal negotiating skills and learn about international issues from a non-U.S. point of view.

The Model UN, a University Program Council organization, also helps stu-

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Jackson

Professor turnover endangers college

Students at the University of Colorado paid their tuition in quarters to protest a near-doubling of school costs in six years. In France, students marched in the streets to protest new government regulations. One ended up dead.

Here in Nebraska, professors and students have been quieter about their injuries. Since 1982, NU has absorbed \$11.2 million in permanent midyear budget reductions and now faces another \$3.1 million cut.

As UNL leaders continue to plan for present and future cuts, Daily Nebraskan reporters have been visiting the offices of deans and professors and talking to students in each of the 12 colleges to determine the health of the university — to identify its strengths and assess the damages in human terms.

The results of their work will appear twice a week for the next six weeks in a series titled, "State of the College Reports."

STATE OF THE COLLEGE REPORTS

By Dorothy Pritchard
Staff Reporter

The College of Arts and Sciences is plagued with an "exceptionally" high faculty turnover and an inability to offer and maintain competitive salaries, the dean of Arts and Sciences, said.

Gerry Meisels said 36 to 40 positions among a faculty of 450 in Arts and Sciences are vacant.

"Unfortunately, there are a lot of very good people leaving," he said.

Meisels said the only departments that do not have vacancies are psychology, political science and classics.

Outside offers

Meisels said that in the last six weeks he has negotiated with six "top people" at UNL who were considering outside offers. Four decided to leave UNL, one is staying and one is undecided. Meisels said that although he has some room in the college's \$23 million budget to negotiate the professors' salaries, there was no way he could compete with some of the outside offers. One university offered a 50 percent increase in salary. One professor earning \$63,000 at UNL had an offer of \$100,000. Another professor earning \$30,000 at UNL had an offer of \$50,000. In one instance, the professor's UNL salary was comparable to the outside offer, but the other college's personal research support was not.

Although state employees are scheduled to receive a 3 percent increase in salaries next year, Meisels said, UNL competes on a national level with universities that are receiving a 5 to 7 percent increase.

"And so, we fall further and further behind," he said.

Research labs

Jim Carr, coordinator of general chemistry, said it is expensive to replace some faculty members who leave because in addition to paying competitive salaries to new professors it is expensive to set up research labs for them. A lab can cost \$100,000, Carr said.

Tice Miller, professor of theater arts

and dance, said more than money is involved when tenured faculty leave.

"These people are what you've built your whole program around," he said. "You can't replace them with an assistant professor."

Fund-raising

Since it is often difficult to get the funds for new laboratories and other expenses needed to maintain a department, the faculty are being encouraged to do outside fund raising, Carr said.

Meisels said the College of Arts and Sciences receives \$5 million to \$6 million a year from the federal government and private sources. The chemistry department alone receives \$2 million, Carr said.

But Miller said fund raising shouldn't turn into another chore for the faculty.

Job expectations

"It focuses the faculty on things they're not trained to do," he said.

Meisels said certain types of fund-raising is and should be required of the faculty.

"In the sciences, outside funding is essential and a job expectation," he said. "In other areas it varies, and the type of fund raising may be different. It's very different to write a grant application to the National Science Foundation, which in many ways also serves as academically necessary research planning, than to try to obtain private support from individuals in the community such as alumni, which is very time-consuming."

Miller said one strength in the College of Arts and Sciences is its "forward-thinking" faculty, but he thinks they are asked to do too much.

Research pressure

Assistant Dean Stephen Hilliard agreed.

"We're really being pressured to the limits in the things we ask the faculty and staff to do. That is a continual concern, like a bad toothache," he said.

Besides increasing professors' workloads by putting more students in their classes, there is "significant research pressure" and an obligation to fulfill the university's service role, Hilliard said.

"It is encouraging how successful faculty and staff are at finding the energy to perform well at all the things they're asked to do," he said.

Courses eliminated

Hilliard said the elimination of courses is one of the effects of budget cuts in Arts and Sciences. Scandinavian languages were eliminated from the modern languages department and whole programs in comparative literature, linguistics and urban studies have been cut.

Miller said in addition to not having a full-time secretary in the theatre department, its production budget has been cut in half compared to 10 years ago.

Quality

"So we're unable to produce at the same quality as we did a decade ago," he said. Rex McGraw, chairman of the department of theater arts and dance said the department is not forgotten. McGraw said the department will receive an increase this year — the first in 10 years.

Dan Leger, associate professor of psychology, said although the budget has remained the same in the psychology department, the number of psychology majors has increased. In fall 1985 there were 431 on campus, and this semester there are more than 500.

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