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SPORTS Rocked, Shocked Jayhawks

Nebraska explodes to a 24-point halftime lead and holds on to beat 10th-rated Kansas 96-87 before a raucous sell-out crowd at the Bob Devaney Sports Center.

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Thursday

27/11

Today, mostly cloudy with a chance of light snow.



Damon Lee/DN

Ted Jorgensen, professor emeritus of physics and astronomy, displays the matched set of irons he developed while researching his book, "The Physics of Golf." Jorgensen said the identical weight of the clubs helped golfers achieve a more consistent swing.

Professor blinds golfers with science

By Cami Walker
Staff Reporter

It took physics to build the atomic bomb, to create the steam engine and to invent the telephone.

But not everyone knows that it takes physics to play golf. Many professional golfers don't even know it, a retired physics professor said.

Fault for this lack of knowledge does not lie with the pros, the professor said. In fact, no one is at fault. The subject has never been studied intently, until now.

Ted Jorgensen, a University of Nebraska-Lincoln professor emeritus, is trying to show golfers with his new book, "The Physics of Golf," that the game is a lot more than just swinging a club.

"If you get a hold of a book about how to play golf," Jorgensen said, "it teaches you a style of swing rather than giving the would-

be golfer an understanding of what he's trying to do. Learning the physics that apply to the swing teaches them this."

Twenty-five years of the 88-year-old Jorgensen's life have been spent researching the subject.

He's been plugging complicated math formulas into computers and reading about golf all these years just because he is interested in the game, he said.

Jorgensen started golfing 34 years ago, when he married his second wife, Dorothy.

He said he began learning too late in life to become a good golfer.

He wouldn't disclose his handicap, but it has increased with age, he said with a smile.

"Being a really good golfer is like being a good violinist. You have to start when you're 5 years old and practice, practice, practice—which I didn't have time for. Also, that wasn't what I was after."

Jorgensen said he became interested in

the theoretical aspects of the game and began to look at golf as a problem in physics.

"I looked upon the swing of a golf club as a double pendulum (the club is one, the golfer's arms the other), and about 25 years ago I wrote the differential equations describing the motion of the pendulum."

When more advanced computers came out, he was able to solve those equations to give a complete description of his pendulum model of the swing.

He compared his model with a stroboscopic photograph he took of a golfer's swing. He used reflecting tape, which he put at points on the club and the golfer's head, to take the picture at night in his back yard.

This picture is on the cover of the 155-page paperback that has been published by the American Institute of Physics.

The computer told Jorgensen many things

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Curtis dean: Ag college's doubt over

By Brian Sharp
Staff Reporter

When the Nebraska College of Technical Agriculture in Curtis was put back into the NU system, seven years of uncertainty ended, officials said.

Bill Siminoe, campus director and associate dean at NCTA, said the move, approved by the NU Board of Regents last Saturday, would clarify where the money was coming from and who was in charge.

But some are still questioning why the college is even in existence. Sen. Scott Moore of Seward said the college should not have reopened.

"We had it closed, and in my opinion the Legislature should have stood beside the board (of regents)," he said.

The regents initially closed the college in 1987 as part of a mandated \$1.5 million budget cut. It reopened one year later after the Nebraska Legislature restored its funding.

Moore said by not supporting the closing, lawmakers sent the university the message that budget reductions could be avoided by making high-profile cuts.

Another cut proposed in 1987 was the elimination of the College of Architecture. That closing was not approved.

Allan Moeller, assistant vice chancellor of the Institute of Agriculture and Natural Resources, agreed that the university had side-stepped the cut.

"The bottom line is that the state didn't get its budget cut, even though the university got credit for one," he said.

Moeller said the program had improved since then, and the college was now a valuable part of the university.

"The program, at that time, had not kept up with the advances that the field required," Moeller said. "They just had to upgrade the overall curriculum."

Siminoe said during the seven years NCTA was on its own, all majors were redone and re-equipped.

But Moeller said questions about whether NCTA would remain open or be permanently closed had gone unanswered until Saturday.

"I think ... things are finally going to settle down," he said. "They (NCTA) were kind of up in limbo for a little while."

The regents will still control NCTA, Siminoe said, with Irv Omtvedt, vice chancellor of the

See CURTIS on 7

Police charge teen in stabbing

From Staff Reports

A teen-ager from Arkansas was charged Wednesday in the assault of a Nebraska football player.

Lancaster County Attorney Gary Lacey said Christopher Sewell, 17, had been charged with second-degree assault and use of a weapon to commit a felony.

Sewell, of Pine Bluff, Ark., is accused of brandishing a knife and stabbing freshman redshirt player Ramone Worthy during a Jan. 30 fight at a Residence Inn motel.

A group of five, including Sewell, attended a party at the hotel uninformed.

Worthy was stabbed with a 2 1/2-inch kitchen knife after he tried to pull another party crasher off of junior receiver Abdul Muhammad.

Sewell, who was in town visiting relatives, had not been arrested by Wednesday afternoon, Lacey said.

A 16-year-old juvenile was arrested earlier this month in connection to the case.

Lincoln Police Chief Tom Casady has said he doesn't expect any more arrests to be made for the incident.

State officials: Smith will adapt easily

By Angie Brunkow
Senior Reporter

Californian Dennis Smith will be transplanted easily onto Midwestern soil, state officials said.

Sen. Scott Moore of Seward said although he had reservations at first about a Californian leading higher education in Nebraska, his worries were soon eased.

"His roots are fully planted in the Midwest," he said.

Smith, former executive vice chancellor at the University of California-Irvine, will become University of Nebraska president on March 1.

Moore said Smith's background in Indiana and at Purdue University led the senator to believe Smith would adapt easily to Nebraska.

"He understands Midwest culture very well," Moore said. "He seems to be a Midwesterner at heart."

Gov. Ben Nelson said he didn't think Smith's out-of-state status would make it hard for him to take the lead of the NU system.

"I don't think it's going to be a detriment," he said. "Nebraskans are welcoming to those from outside the state."

Rather, Nelson said, Smith's experience at

Irvine probably would help him in Nebraska.

In California, Smith was part of a large statewide university system, Nelson said. That experience will allow him to effectively guide Nebraska's multicampus, system, Nelson said.

Moore, chairman of the Nebraska Legislature's Appropriations Committee, agreed that Smith's Irvine experience would be helpful when it came to the budget.

In the last three years, the Legislature has had to make significant cuts in the NU budget.

California's universities have had to make more drastic cuts recently. At Irvine, Smith dealt with the large cuts by trimming 3 percent from academic units and cutting a larger percentage from services and athletics.

"They've done some extreme things there," Moore said. "It's my hope the (Nebraska) economy will continue to go up, and we can add instead of subtract."

But if cuts are needed, Moore said, Smith has proven he can do it.

"He seems to have the background and un-

Reaction outside the system

► State Sen. Scott Moore of Seward said Smith's background in the Midwest, such as Indiana and Purdue University, would help Smith adapt quickly to Nebraska.

► Gov. Ben Nelson and Moore both said they would work closely with Smith in preparing NU's budget.

Friday, the Daily Nebraskan will explore how members of the NU Board of Regents view incoming NU president Dennis Smith.

derstanding," Moore said.

Smith is assuming his new job at just the right time to deal effectively with the budget, Moore said. The new president will be in on preparing the 1995 biennium budget for the NU system from the beginning, he said.

"Now is a good time of the year to begin," he said.

Nelson and Moore said they would work closely with Smith in preparing the budget.

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