

## Chapman to legislators: NDSU reaching goals

NDSU is on track to meet or surpass several campus goals set four years ago, according to President Joseph A. Chapman. That was the theme Chapman emphasized during a campus visit Dec. 18 by members of the North Dakota Legislative Council's Higher Education Committee.

Chapman told the legislators that NDSU is moving forward in fulfilling its strategic vision, including:

- Advancing to a Carnegie Doctoral/Research Extensive classification
- A national and global reputation
- Enrollment growth to 12,000 students by 2005
- \$100 million in annual research expenditures
- Salaries to the mid-range of peer institutions
- An increase in business and industry partnerships
- An increase in philanthropy

"You care very deeply about education," Chapman told the legislators, noting that North Dakota is among the top five in the country for per capita expenditures on education. "Universities across the country were cut to pieces. They saw some cuts that were incredibly deep. We were not, and we appreciate that."

Chapman said now that the university is reaching its quantitative goals, it must continue its transformation. He said he is visiting campus departments, looking for ideas about the qualitative aspects of changing the school's reputation and status to a national level. "How are we going to shape this university so that quality goes along with our growth?" Chapman asked.

Legislators also heard budget presentations by representatives of the Upper Great Plains Transportation Institute, Northern Crops Institute, the Agricultural Experiment Station, Forest Service and the NDSU Extension Service.

In addition, the lawmakers toured the new Minard Hall addition, the NDSU Downtown construction site, the horticulture greenhouses and the Center for Nanoscale Science and Engineering that is now under construction in the NDSU Research and Technology Park.

"We could not do this without you," Chapman said to the legislators. "This is a great partnership."

### **Scandinavian buffet set for Jan. 8**

The annual Scandinavian buffet is scheduled for 10:30 a.m.-12:45 p.m. Thursday, Jan. 8, in the Memorial Union Ballroom. Cost is \$9 per person. Call 1-8122 for reservations.

### **TIAA-CREF appointments available**

Appointments to visit with a TIAA-CREF representative are available 8 a.m.-4:30 p.m. Wednesday, Jan. 14 in the Alumni Center. Appointments may be scheduled by calling 1-800-842-2009.

### **Next Issue**

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## NDSU reaches record in external funding

In fiscal 2003, NDSU reached a record \$51.4 million in external grants, contracts and cooperative agreements, according to the new annual report prepared by the Office of Sponsored Programs Administration. That figure represents a 23 percent increase from fiscal 2002.

In addition, the university received \$13.3 million in federal formula funds, bringing the total of external awards and federal funds to \$64.7 million.

"Fiscal 2003 was a very active year for securing research funding at NDSU. Thanks to the efforts of our innovative faculty, staff and students, NDSU continues to improve its external funding growth and expand its contributions to economic development in North Dakota," said Valrey Kettner, assistant vice president for sponsored programs administration. "External funding continues to play an important role in enhancing and sustaining institution capabilities and providing educational opportunities for our students in classroom instruction and research."

The report said the external funds were 87 percent from federal sources, 3.5 percent from state and local governments, 3.4 percent from commodity groups, 2 percent from foundations and non-profit entities, 1.6 percent from business and industry and 2.5 percent came from other sources.

Kettner said the awards have a number of purposes, including supporting research, education and public service or extension activities. She notes that since fiscal 1997, NDSU faculty, staff and student have attracted more than \$250 million in external support.

"The increase is credited to NDSU's outstanding leadership, faculty and staff. Congratulations on a very successful year," Kettner said.

The full annual report can be viewed at [www.ndsu.edu/research/spa.shtml](http://www.ndsu.edu/research/spa.shtml).

## Sports attendance ranks nationally

The NDSU women's softball team led NCAA Division II for average home attendance during the 2003 season. In addition, the Bison baseball team finished seventh in attendance, according to the NCAA.

The softball team drew an average of 234 spectators over eight home dates.

"I'm excited about leading the country in attendance, especially with how much we deal with the weather in the Upper Midwest during the spring," said softball head coach Darren Mueller, who led the team to a 44-10 record. "This shows that we have great fans who support us and our program in good and bad weather."

The baseball team attracted 2,149 spectators over seven dates, for an average of 307 per outing.

## NDSU employees, students donate 'care packages' to soldiers in Iraq

Approximately 800 North Dakota National Guard soldiers serving in Iraq were sent some extra gifts from home this holiday season.

NDSU faculty, staff and students donated roughly 700 pounds of "care package" items that were sent to the Fargo-based North Dakota Army National Guard 142nd Combat Engineer Battalion and 957th Engineer Company. The drive was sponsored by the NDSU Staff Senate.

According to Staff Senate president and drive coordinator Pam Hommen, 43 boxes of convenience food items such as popcorn, gum, candy and beef jerky; and personal care and non-perishable items including lip balm, disposable cameras, crossword puzzle books and duct tape were packaged and shipped out Dec. 22.

"People donated everything that we asked for and more," Hommen said. "People started bringing things as soon as the notice went out."

NDSU President Joseph A. Chapman also donated about 100 NDSU baseball-style caps.

Another area resident donated several boxes of paperback books. "He said he heard we were looking for donations for the troops, and he had all these books," Hommen said.

Hommen added that the cost to ship the care packages was about \$620, all of which was covered by donations. "Just to see all those boxes go—it was such a good feeling to see how much our campus gave. It was overwhelming.

"The main reason for this whole donation project was to show support to our soldiers overseas and to let them know we are proud of them," said Hommen. "We want the soldiers to know that we at NDSU care about them, appreciate them and hope for their safe return home. We also can be proud of NDSU's employees and students for their very generous donations."

## Team captains, committee volunteers sought for MS Walk

Team captains and committee volunteers are sought for Fargo's 2004 MS Walk scheduled for 2-5 p.m. Sunday, April 18. The route for the local event, sponsored by the Dakota Chapter of the National Multiple Sclerosis Society, has not been determined.

Local volunteer committee chair Maj. Glenn Sanders, assistant professor of military science, says that volunteers are needed to lead a team of walkers or help in event planning.

Committee members are needed to coordinate several areas including volunteer coordinator, safety and medical, entertainment, registration and banking, food, transportation and promotion. Volunteers also are needed to greet participants and to set-up and clean-up on the day of walk.

A meeting for team captains is planned for February.

According to Sanders, the local goal is have 750 participants raise \$100,000 by gathering pledges for walking either a three- or six-mile route.

According to the society's Web site, approximately 20,000

walkers at more than 700 sites in all 50 states participate in the MS Walk each spring. Considered one of the national organization's largest fund-raising events, walks include a route accessible for people of all abilities.

For more information, contact Sanders at 1-9577, or visit [www.nationalmssociety.org/NDN/event/event\\_detail.asp?e=6663](http://www.nationalmssociety.org/NDN/event/event_detail.asp?e=6663).

## Development Foundation accepting grant applications

The NDSU Development Foundation Grants and Awards Committee is accepting applications from faculty and staff for grants from four funds for the 2003-04 academic year. The application deadline is Monday, Jan. 12.

The Centennial Endowment Fund can provide maximum awards of \$5,000, with a total of \$14,940 available. It supports professorships, scholarships, biotechnology, faculty development, libraries and cultural arts.

The NDSU Development Foundation Board of Trustees Endowment can provide maximum awards of \$1,000, with a total of \$2,830 available. It supports general programs across campus.

The NDSU Development Foundation Libraries Endowment has \$1,885 available. It supports requests from any academic unit on campus for materials that will enhance the collections and/or operations of university libraries.

The NDSU Development Foundation Gordon A. Larson Agricultural Research Fund has \$15,125 available. This fund has no maximum award amount and supports competitive grants for agricultural research efforts conducted at NDSU.

Faculty and staff can obtain copies of application forms for all four awards on the Development Foundation's Web site at [www.ndsufoundation.com/grants.htm](http://www.ndsufoundation.com/grants.htm). The foundation will notify applicants of funding decisions prior to April 1, 2004.

## People

### NDSU police officers honored

NDSU police officers Scott Magnuson and Marc Baetsch were honored for their work in traffic enforcement by the Red River Valley Safe Communities Coalition. The recognition came at an awards ceremony recognizing area law enforcement agency leaders held Nov. 18 in Moorhead, Minn.

Magnuson received an award for his effort in seat belt enforcement and Baetsch received an award for his efforts in enforcing alcohol violations.

In addition, officer Jessica Jorgensen received the October "Spotlight of the Month" award from the Midwest Affiliate of College and University Residence Halls. Jorgensen, in cooperation with the Fargo Police Department, gave presentations in NDSU residence halls on alcohol use and personal safety issues. The award qualifies her as a national award finalist.

### Civil engineering faculty members invited to MIT

Dinesh Katti, professor of civil engineering and construction, and Kalpana Katti, assistant professor of civil engineering and construction, were invited guests of the Massachusetts Institute Of Technology, Cambridge, Mass., on Dec. 2. They gave lectures in the area of biological and biomimetic nanocomposites.

Dinesh Katti presented research work on multiscale modeling of biological nanocomposite nacre, the inner layer of seashells. His talk focused on tools developed for bridging length scales from molecular scale to macro scale to explore the nanoarchitecture of nacre and develop a quantitative understanding of why nacre displays extraordinary mechanical responses.

Kalpana Katti presented her research work on biomimetic design of new nanocomposites for bone replacement. The talk dealt with the development of synthetic nanocomposites with tailored material properties by mimicking processing routes nature uses in making natural biological nanocomposites. The lectures were attended by faculty and graduate students from various MIT departments.

### Grosz receives certification

Teri Grosz, research compliance and training officer recently passed the certification examination for Institutional Review Board professionals. Grosz took the examination Dec. 4 at the annual meeting of the Public Responsibility in Medicine and Research/Applied Research Ethics National Association in Washington, D.C.

According to Grosz, the voluntary certification has been offered for only three years, and indicates a level of knowledge of the ethical principles and regulations pertaining to human subjects research.

### Volleyball players receive honors

NDSU middle hitter Jenny Gronner-Roisum, a senior from Underwood, Minn., and setter Kari Holmgren, a senior from Elk River, Minn., were first team selections for the 2003 Daktronics Inc. All-North Central Region Volleyball Team. The squad was selected by members of College Sports Information Directors of America.

Outside hitter Kim Hebl, a junior from Stewartville, Minn., was named to the second team.

## Events

## Sculpture exhibit on display in President's Gallery

"Motomechanicals," a sculpture exhibit by Greg Vettel, is scheduled to be displayed in the Old Main President's Gallery Jan. 21-May 1.

According to Vettel, his work is influenced by his love of motorcycles and his experience as an internal combustion technician.

"In my sculptures, I explore the inner workings of mechanized, mobile machines in the medium of welded steel machine parts," Vettel said. "I build statues from machine parts that are normally enclosed, hidden and ignored by the vast majority of the public who never consider, much less care about, how machines work."

Vettel uses motorcycle parts ranging in age from five to 60 years. "Many pieces of the statues move under the exploring hands of the viewers who enjoy the texture, form and fit of the machine parts," he added.

A native of Hillsboro, N.D., Vettel has a bachelor's degree from Minot State University. In addition to his work as a sculptor, he has worked as an automobile and motorcycle mechanic, photographer, truck driver and ranch hand.

Gallery hours are 8 a.m.-5 p.m. Monday-Friday. A reception is scheduled for 4 p.m. Wednesday, Jan. 21. The exhibit is made possible through a partnership with the North Dakota Art Gallery Association with support from the North Dakota Council on the Arts.

## Safety and security presentations set

The NDSU Police Department is scheduled to host three personal safety presentations by Sgt. Joel Vettel of the Fargo Police Department. Vettel will share information about the type of person commonly called a "predator," and will talk about personal safety strategies and options that can be used in bad situations.

A one-hour presentation is scheduled for 11 a.m. Thursday, Jan. 8, in the Memorial Union Century Theater. The presentation will be repeated at 1:30 p.m. Friday, Jan. 9, in the Century Theater. Vettel will present again at 7 p.m. Tuesday, Jan. 20, in Festival Concert Hall.

The personal safety and security brochure published yearly by the NDSU Police Department is available at [www.ndsu.edu](http://www.ndsu.edu). Click on Campus Police at the bottom of the page. The entire document, "Personal Safety and Security On The NDSU Campus," is available in electronic format at the site.

## Swenson sculpture exhibit on display

"Experimental Iconography," an exhibit by David Swenson, associate professor of art, is on display through Thursday, Jan. 29, in the Memorial Union Gallery.

According to Swenson, experimental iconography explores the idea of a sacred image or object. His works are described as a visual dialogue concerning concepts of a spiritual nature. Each work includes male and female icons suggesting fertility and identity.

A faculty member at NDSU since 1994, Swenson has a master's degree from the University of Minnesota and a bachelor's degree from the Kansas City Art Institute.

## Halftime performances scheduled for basketball season

NDSU and Lite Rock 105 have teamed up to schedule five halftime performances for the upcoming North Central Conference basketball season.

The first scheduled show is Saturday, Jan. 17, when the Red Panda Acrobat Unicycles appear at the NDSU men's and women's doubleheader with the University of South Dakota.

The nationally recognized Fargo-Moorhead Acro Team will perform at halftime of the NDSU-University of North Dakota men's game on Friday, Jan. 30.

The Bison-Sioux women's game on Saturday, Jan. 31, will feature the Quick Change dancing illusionists, who have performed for several NBA and CBA teams in recent years.

The Alexandria, Minn., Aces will display their basketball skills and trickery during the men's and women's doubleheader versus South Dakota State University on Friday, Feb. 13.

The trampoline act of the Skyriders will be shown during the regular season finale on Saturday, Feb. 28, when NDSU plays St. Cloud State University in another men's and women's doubleheader.

Tickets for Bison basketball games are available by calling 1-NDSU.

## Shorts and Reminders

## Positions Available

Positions open and screening dates through the Office of Human Resources, Room 205, Old Main:

Receptionist/#5139  
Admissions  
\$19,000 minimum/year  
Jan. 7

Engineering Technician  
Center for Nanoscale Science and Engineering  
Salary commensurate with experience  
Jan. 12

Entomology Research Specialist  
Half-time to three-quarter-time position, depending on amount of time commitment desired by applicant  
Entomology  
\$30,000+/year  
One-year position; possible continuation depending on funding  
Open until filled

Ruminant Nutrition Technician/#4983  
Animal and Range Science  
\$17,000 minimum/year; 75 percent full-time employment  
March 22

Study Abroad Advisor/#5362  
Office of International Programs  
\$25,000+/year  
Jan. 13

Substrate Layout Engineer  
Center for Nanoscale Science and Engineering  
Salary commensurate with experience  
Jan. 19

Associate Director/#3741  
International Programs  
\$37,000+/year  
Jan. 19

Community Planning Specialist/#5559  
North Dakota Forest Service  
Bismarck, N.D.  
\$27,700+/year  
Open until filled

Head of Technical Services/#0518  
NDSU Libraries  
\$42,000+/year  
Open until filled

Position openings also are available through the NDSU Web site at [www.ndsu.edu/jobs](http://www.ndsu.edu/jobs).

## Calendar

## January

- Through Jan. 29 "Experimental Iconography" sculpture exhibit by David Swenson, associate professor of art, Memorial Union Gallery. Reception 4 p.m. Thursday, Jan. 15.
- 8 Scandinavian buffet, 10:30 a.m.-12:45 p.m., Memorial Union Ballroom. \$9.
- 13-Feb. 8 Fritz Scholder print exhibit, Reineke Visual Arts Gallery. Free. Reception 7:30 p.m. Saturday, Jan. 17.
- 13 Wrestling vs. Minnesota State University, Mankato, 7:30 p.m., Bison Sports Arena
- 16 Women's basketball vs. the University of Nebraska at Omaha, 6 p.m., Bison Sports Arena
- 16 Men's basketball vs. the University of Nebraska at Omaha, 8 p.m., Bison Sports Arena
- 17 Women's basketball vs. the University of South Dakota, 6 p.m., Bison Sports Arena
- 17 Men's basketball vs. the University of South Dakota, 8 p.m., Bison Sports Arena
- 19 Martin Luther King Jr. Day—university closed
- 21-May 1 "Motochemicals" sculpture exhibit by Greg Vettel, President's Gallery
- 21 Wrestling vs. the University of Mary, 7:30 p.m., Bison Sports Arena
- 23 Lively Arts Series presents The Ahn Trio, 7 p.m., Festival Concert Hall. Tickets are \$13 for adults, \$10 for seniors and NDSU employees, \$7 for non-NDSU students and children, and \$6 for NDSU students
- 23 Wrestling vs. Minnesota State University Moorhead, 7:30 p.m., Bison Sports Arena
- 30 Men's basketball vs. the University of North Dakota, 7 p.m., Bison Sports Arena
- 31 Women's basketball vs. the University of North Dakota, 7 p.m., Bison Sports Arena

## February

- 1 Wrestling vs. Augustana College, 2 p.m., Bison Sports Arena
- 3-27 "HIV Positive: AIDS Through a New Lens" photography exhibit, Memorial Union Gallery. Reception 4 p.m. Friday, Feb. 6.
- 7 Women's basketball vs. the University of North Dakota, 6 p.m., Grand Forks, N.D.
- 7 Men's basketball vs. the University of North Dakota, time to be announced, Grand Forks, N.D.
- 13 Women's basketball vs. South Dakota State University, 6 p.m., Bison Sports Arena



- 13 Men's basketball vs. South Dakota State University, 8 p.m., Bison Sports Arena
- 14 Women's basketball vs. Augustana College, 6 p.m., Bison Sports Arena
- 14 Men's basketball vs. Augustana College, 8 p.m., Bison Sports Arena
- 18 Staff free preview night of Little Country Theatre's production of "Fiddler on the Roof," 7:30 p.m., Festival Concert Hall. Call 1-9442 for tickets.
- 20 Wrestling vs. the University of Nebraska at Omaha, 7 p.m., Bison Sports Arena
- 20 Mark Reeves in concert, 7:30 p.m., Memorial Union Gallery. \$6 for NDSU students with identification and \$8 general admission.
- 27 Women's basketball vs. Minnesota State University, Mankato, 6 p.m., Bison Sports Arena
- 27 Men's basketball vs. Minnesota State University, Mankato, 8 p.m., Bison Sports Arena
- 28 Women's basketball vs. St. Cloud State University, 6 p.m., Bison Sports Arena
- 28 Men's basketball vs. St. Cloud State University, 8 p.m., Bison Sports Arena

## March

- 30-30 "Women of the Plains" exhibit, Memorial Union Gallery. Reception 4 p.m. Friday, March 5.
- 27 15th annual Woodlands and High Plains Inter-Campus Powwow sponsored by NDSU, Minnesota State University Moorhead and Concordia College, grand entries at 1 p.m. and 7 p.m., Alex Nemzek Fieldhouse, Moorhead.

## April

- 8-8 Senior art thesis projects on display in the Memorial Union Gallery. Reception 4 p.m. Friday, April 2.
- 14-23 Senior comprehensive interior design projects on display in the Memorial Union Gallery. Reception 4 p.m. Friday, April 16.
- 22 Staff free preview night of Little Country Theatre's production of "Picasso at the Lapin Agile," 7:30 p.m., Askanase Auditorium.
- 27 Singer/songwriter James Hersch in concert, 7:30 p.m., Memorial Union Gallery. \$6 for NDSU students with identification, \$8 general admission and children under 12 admitted free with parent's paid admission.
- 27-28 Architecture and landscape architecture thesis preview days, Memorial Union Dakota Ballroom. Reception 4 p.m. Wednesday, April 28.



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