

Chapman seeks closer ties with tribal colleges

President Joseph A. Chapman says NDSU should do more to recruit American Indian students, including forging closer ties with the state's tribal colleges. This past summer and fall, Chapman and leaders from the Division of Student Affairs, including Paul Boswell, director of Multicultural Services, visited each of North Dakota's five tribal colleges to find areas for greater cooperation.



President Chapman; Frank Delapaz, Cankdeska Cikana (Little Hoop) Community College; and George Wallman tour a bison operation at the Fort Totten Reservation.

"We certainly have an opportunity to do more, particularly in the area of partnering in the transfer of students from the tribal college and helping them develop four-year programs by providing some coursework there," said Chapman. "Several of the tribal colleges are looking at moving to becoming four-year colleges. I think we have a special obligation, not only because they are a minority population, but because North Dakota's reservations are projected to have significant population growth."

A number of resources are in place to increase American Indian student enrollment, including services from NDSU's Multicultural Student Services office and the Native American Pharmacy Program. A collaborative project between NDSU and the state's tribal colleges, funded by the Office of Naval Research, has completed its first year of working to increase participation by American Indian youth in mathematics, science and engineering. This fall, NDSU enrolled about 120 American Indian students. Chapman said he would like to see that number at least double. Additional on-campus initiatives are being explored to meet that goal.

"I think it would be nice if we had the Center for Native American Studies. I think it would be nice if we had an academic program in Native American studies," Chapman said. "I think there are a lot of things that we can do that would enhance the environment and celebrate their culture, which is an integral part of North Dakota. I think we even have opportunities to develop some specialized research initiatives with them."

Eric Longie, president of Cankdeska Cikana (Little Hoop) Community College, Fort Totten, said the addition of such programs would help attract Indian students. Fargo and NDSU, he said, have a mixed reputation as a place welcoming to Indian students, a perception Chapman acknowledges.

"I think Indian people are forgiving people," said Longie. "We're easy to get along with. I think you show us some respect and treat us right and that's all it takes. It's never too late to look at diversity. I'm glad that NDSU is doing this. The fact that they are even willing to think of the issue tells me that things are changing for the positive."



President Chapman's
HOLIDAY
2-4 p.m. | Dec. 6 | Old Main *open house*

NDSU music ensembles to perform at West Acres

The NDSU Jazz Ensemble is scheduled to perform from 7-8 p.m. Wednesday, Dec. 6, in front of JC Penney at West Acres Shopping Center. The NDSU Trombone Ensemble also will perform from 7:30-8 p.m. Thursday, Dec. 7, in the same location. Kyle Mack, associate professor of music, directs both ensembles.

Final 'It's Happening' of semester to be published Dec. 13

The final issue of "It's Happening at State" for the fall 2000 semester will be the Dec. 13 issue. Submissions are due by noon Thursday, Dec. 7. Regular weekly publication will resume Jan. 10; the deadline for that issue is noon Jan. 4.

Next Issue

Publication date: Wednesday, Dec. 13
Submissions due: noon Dec. 7
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New centers approved for NDSU

The State Board of Higher Education approved four new NDSU-based centers during its Nov. 16 meeting. The board gave its approval to centers and institutes that will study climate, bison, food safety and bio-imaging.

"By establishing these centers, NDSU faculty will bring its respected research and service to important areas of study," said Craig Schnell, vice president for academic affairs.

"These centers are great opportunities for NDSU to continue to demonstrate its leadership in scholarship, while supporting the Interim Legislative Council Roundtable's cornerstones of 'Economic Development,' 'Educational Excellence,' 'Flexible and Responsive System' and 'Accessible System.'"

Center to concentrate on climate

The North Dakota Agricultural Weather Network (NDAWN) Center will focus on measuring, interpreting, analyzing and disseminating timely, accurate and detailed weather and climatic data for North Dakota and the Red River Valley.

NDAWN was conceived during the 1988 drought by the North Dakota state climatologist as a way to provide more timely weather data for state and federal agencies and officials. Initially consisting of six weather stations, the network has since grown to 52 and is considered a valuable state resource.

"NDAWN is now a program in the soil sciences department within our climatology area," explained John Enz, professor of soil science/climatology and state climatologist, who will be the center's director. "All of the non-labor operational expenses for NDAWN are grant funded and I am constantly looking for support from agri-businesses, commodity groups, individual producer and federal sources. I'm hoping having center status will make the work more visible and make it easier for people to identify that NDAWN exists at NDSU."

The center's goals are to provide easy access to current regional weather and climatic data necessary for weather-driven agricultural prediction models; establish a detailed climatic data base; encourage more scientists to conduct research on the links between weather and crop, insect and disease development; and document the state's climatic extremes.

Bison center approved

The Bison Center for the Northern Plains will be located at the Carrington Research Extension Center. It will conduct and coordinate bison research, develop and present educational programming and provide information to people interested in bison. It will assist producers in such areas as nutrition, diseases, product development, marketing and grazing.

According to Charles Stoltenow, assistant professor of animal and range sciences and NDSU Extension veterinarian, the center is expected to foster communication, coordination and visibility of bison issues throughout the Northern Plains states and provinces.

"Anything we can do to increase our agriculture base is only beneficial to North Dakota," Stoltenow said. "Bison are a niche or specialty market and certain people around the world really appreciate bison. The state can help fill that need."

Stoltenow added that the center gives NDSU the opportunity to be the leader in bison research and education. "So little has been done with bison research that it is really a wide-open field. We're doing research that is applicable and needed right now by the industry," he said.

Vern Anderson, animal scientist and interim director of the center, said, "There are several of us from different departments and even some non-NDSU people involved in the bison center." He said other participants include Steve Metzger from the Carrington School District and Melinda Martin of Cankdeska Cikana Community College, Fort Totten, noting other groups may work with the center in the future.

Institute to address food safety

The Great Plains Institute of Food Safety (GPIFS) will provide a multidisciplinary approach to food safety issues to serve students, producers, retailers and consumers.

The center's director, Lisa Nolan, associate professor of veterinary and microbiological sciences, notes that 33 million Americans annually suffer from foodborne illnesses and about 9,000 cases result in fatalities. "The way we raise, process, transport and prepare food, plus the tendency for people to eat out more, has made us more vulnerable to foodborne illnesses," she said. "There have been some dramatic, high-profile cases over the past 10 years that have riveted the public's attention and made them doubt their food supply. Anybody in the food industry has to deal with this now."

Nolan said the success of the initiative hinges on cross-disciplinary efforts necessary to troubleshoot and explore food safety problems as they occur along the food chain. "The center will serve as a focal point for NDSU's food safety educational, research and service efforts that serve students and stakeholders in our state and region," she said. "GPIFS bring experts from a variety of disciplines together to create a potent team of food safety researchers and educators."

The institute will include faculty and participating students from the Colleges of Agriculture, Human Development and Education and Arts, Humanities and Social Sciences and seven departments, including agribusiness and finance, agricultural and biosystems engineering, communication, food/cereal science, food and nutrition, animal and range sciences and veterinary and microbiological sciences.

Bio-imaging center to aid agriculture industry

The Bio-Imaging and Sensing Center, a multi-disciplinary center in the College of Agriculture, is located in NDSU's Department of Agricultural and Biosystems Engineering and the Industrial and Agricultural Communication Center. This center, will conduct fundamental and applied research in advanced sensor and information technologies such as computer imaging, sensing and decision support methods for applications in the agricultural and food industries.

"Agricultural mechanization was one of the most significant invention in the last century. It made our farmers and agriculture one of the best in the world. In this 21st century, computer-based advanced information and sensor technologies have tremendous potential for improving every aspects of our lives," said Suranjan Panigrahi, associate professor of agricultural and biosystems engineering, who will direct the center. "Through the center, we are committed to venture focused, multi-disciplinary research efforts to identify and develop cost-effective advanced technologies-based solutions for our agricultural and food sectors."

The center will serve as a centralized research consortium for educators, researchers, processors, producers and industries. It also will develop training courses, workshops and seminars on aspects of emerging technologies. The center is anticipated to collaborate with other domestic and international universities.

State board approves new programs

At its Nov. 16 meeting, the State Board of Higher Education approved two new undergraduate majors, in behavioral statistics and computer engineering, and one undergraduate minor, in management information systems, at NDSU.

Craig Schnell, vice president for academic affairs said, "It is always our goal to grow and expand in ways that will meet the needs of our students. The addition of these programs reflects our students' growing interest in these fields as well as the increasing demand for graduates in these areas."

Undergraduate major in behavioral statistics

According to the new program proposal submitted to the board, the behavioral statistics program will be unique to the region. The program uses the tools of statistics to gain insight into behavioral problems, usually through designing an experiment, conducting the experiment and analyzing the results. Graduates of the program are expected to have strong people skills and analytical ability, making them more attractive and useful to employers.

Rhonda Magel, professor and chair of statistics, said the traditional job market for psychology majors is becoming saturated, and this program will open more doors to psychology students.

"This is a way to branch out from the traditional fields associated with psychology," Magel said. "One of the reasons students are interested in the program is because it is a combined effort between the department of statistics and the department of psychology. This gives them an additional background and training in analyzing data, which will help them find jobs after they graduate."

Magel said possible professions available to students with this degree could be found at health insurance companies, hospitals and offices dealing with Medicare or medical types of data.

Undergraduate major in computer engineering

The department of electrical and computer engineering has offered a "computer option" since 1972. The new major is an outgrowth of that option, which will provide students with comprehensive knowledge in computer hardware, software and hardware-software integration. The electrical and computer engineering department and the computer science department have been working cooperatively for many years, and have cross-listed courses and one joint faculty member. This relationship is likely to continue, and will allow students to take courses in both areas.

"The faculty and department are very excited about the opportunity to give NDSU students a degree program that has shown extremely high opportunities for employment in the United States," said Val Tareski, associate professor of electrical and computer engineering. "We've already had students asking us if the major is available yet."

Tareski said the department of electrical engineering also plans to keep its computer option for the time being. "The requirements are slightly different, and some students are far enough along in that track that we feel it is necessary to continue offering the option, too."

Undergraduate minor in Management Information Systems

The Management Information Systems (MIS) minor will provide students in business, accounting and/or computer

science the opportunity to complete coursework in core MIS topics. It is designed for students planning careers that involve using, evaluating, designing and/or building information systems. It will provide students with knowledge of the foundation of MIS concepts without the more advanced courses required of an MIS major.

"It's turning out to be a very popular program," said Charles Harter, associate professor and chair of business administration. "The combination of MIS with a business or accounting major gives students a strong technical background that is an advantage to have on their resumes."

Each of the new programs were planned to center around existing courses and faculty. None of the proposals anticipated the need for significant increases in funding. The programs were added beginning this semester.

President Chapman asks faculty, staff to participate in survey

Each faculty and staff member should have received an e-mail invitation from Sarah Jacobson, presiding officer of the University Senate, requesting participation in a survey developed from three roundtable discussions of the University Senate. It is planned that the survey will be available via the Internet beginning Tuesday, Dec. 12. More information regarding the survey will appear in next week's issue of "It's Happening At State."

In his State of the University Address last September, President Joseph A. Chapman outlined the following five major themes for North Dakota State University:

- It's About People
- Students are Paramount
- Leveraging Support
- Programs
- Status

The themes were the subject of the University Senate's roundtable discussions. More information on the themes is available at www.ndsu.nodak.edu/ndsu/administration/president/chapman/.

Chapman is asking for faculty and staff participation in the survey, stating, "It is a tool that will help us in our efforts to be a student-oriented, nationally recognized, internationally and regionally engaged doctoral and research-extensive land-grant university where education occurs in an atmosphere of scholarly activity and entrepreneurship."

Accounting Office creates listserv

The Accounting Office has set up a listserv for department secretaries and administrative assistants to improve communication in alerting departments of changes in accounting procedures.

Anyone using the CICS online screen AP82 has automatically been added to the listserv. People who are not AP82 users who would like to be added to the listserv should contact Lori Olson at lolson@gwmail.nodak.edu or 1-7361.

Change in EPSCoR co-funding initiative announced

Beginning immediately, the National Science Foundation EPSCoR Office will entertain requests for co-funding of any merit-reviewed proposals from EPSCoR jurisdictions, rather than only "certified" proposals. The change is to foster the NSF's goal of broadening participation and is expected to encompass principally undergraduate institutions, minority serving institutions, and the SMETE community in EPSCoR states, as well as the doctoral granting institutions.

During this transition year, NSF program officers can expect to continue seeing the Certification of Eligibility for EPSCoR co-funding form (NSF Form 1404) in the jackets of many proposals. This form indicates that the proposal is relevant to one or more emphasis areas or activities that the state is making focused efforts to strengthen through increased infrastructure support and developmental assistance.

The purpose of the EPSCoR co-funding initiative is to "mainstream" more researchers from EPSCoR jurisdictions into funding from regular programs and special initiative competitions throughout the NSF. The EPSCoR co-funding mechanism provides partial support for meritorious proposals that have been reviewed at or near the cutoff for award recommendation by the managing program. These proposals are in the "fund if possible" category. Program officers may request co-funding for such "fund if possible" proposals through the established mechanism of submitting requests via the directorate's EPSCoR co-funding coordinator.

Visit www.ndsu.nodak.edu/epscor for information on North Dakota EPSCoR programs and co-funding.

Development Foundation accepting grant applications

The application deadline for NDSU Development Foundation Grants and Awards is Dec. 8. Grants from three endowment funds are available for the 2000-01 academic year.

The Centennial Endowment Fund supports professorships, scholarships, biotechnology, faculty development, libraries and cultural arts. The NDSU Development Foundation Board of Trustees Endowment supports general programs across campus. The NDSU Development Foundation Libraries Endowment supports requests from any academic unit on campus for materials that will enhance the collections and/or operations of university libraries.

Faculty and staff can obtain copies of application forms for all three endowments in the deans' offices of their college, or by e-mail at jmonson@gwmail.nodak.edu.

People

Packwood, international programs director, to retire



Packwood

Virginia Packwood, director of international programs, will retire Dec. 29 after more than 15 years at NDSU. A reception is planned for 1-4 p.m. Wednesday, Dec. 6, in the Memorial Union Peace Garden Room.

"I've absolutely enjoyed my time here," said Packwood, who joined NDSU in 1985. "It's been a roller coaster of delight and challenge mixed together."

Packwood originally was director of international student affairs, at a time when the office focused exclusively on the admission and support of international students. Through the years, she guided the office through a number of changes to become the office it is today, including working with international faculty and scholars, expanding the English language program, providing study abroad services to U.S. students and assisting departments with international projects.

"The whole office is now playing much more of a major role on campus," she said. "I've had a great opportunity to work with a variety of people. It's very rewarding to see your vision of a comprehensive international programs office come true, an office that has international and U.S. students and faculty using it. It's been a privilege to encounter people from all over the world and to help NDSU students recognize the importance of international experience."

Packwood earned her bachelor's degree in English from the College of St. Catherine, St. Paul, Minn., her master's degree in educational psychology/ counseling from the University of Minnesota and her doctorate in higher education from Nova Southeastern University, Ft. Lauderdale, Fla.

Packwood is the author of a book about college admission for international students as well as several articles. She also received a number of grants to further international education at NDSU. She served as the North Dakota and government regulations representative on the regional council of NAFSA:AIE, Association for International Educators. A presenter of numerous sessions at regional and national conferences, she also wrote the grant that established the first Tri-College Welcome Picnic for international students and was co-founder of the Staff Senate.

Before coming to NDSU, Packwood was a counselor/foreign student adviser and library assistant at Louisiana State University, Baton Rouge. Prior to that, she was a counselor and job developer at the Displaced Homemakers' Center, Baton Rouge, La., and a high school counselor in Iowa City, Iowa; Minneapolis; and Hopkins, Minn. Early in her career, she taught English and journalism and worked as a public relations assistant.

During her retirement, Packwood said she plans "to have time to read, write books and articles, paint watercolors, travel without an agenda and be a grandmother."

Kaiser to receive honorary doctorate at winter commencement

Longtime NDSU faculty member Ervin E. Kaiser, who helped build the foundation of NDSU's Department of Health, Physical Education and Recreation, will be presented an honorary doctorate during winter commencement ceremonies at 4 p.m. Dec. 22, in the Bison Sports Arena. The honor was approved by the State Board of Higher Education Nov. 16.

A faculty member for 33 years, Kaiser came to NDSU in 1942 as an instructor and coach at a time when the physical education staff had only three teachers and did not offer a course of study leading to a major. He became chair and associate professor in 1947. Kaiser was responsible for introducing a minor in physical education and adding classes allowing both men and women to major in physical education.

In addition, as one publication stated, Kaiser "instituted the most far-reaching program of intramural sports in the history of the school." He was director of the NDSU intramural program for 24 years.

Although he also coached football, track, tennis and gymnastics, Kaiser is probably best known as NDSU's golf coach for 33 years. His golf teams won five North Central Conference championships and placed second eight times.

Kaiser also established the "E.E. Kaiser Award" to be presented each spring to a senior physical education major. The award is based on grade point average, participation in the HPER Club and general attitude.

Born in 1904, in Waseca, Minn., Kaiser earned his bachelor's degree at Southwestern Teacher's College, Weatherford, Okla., in 1928 and his master's degree from the University of North Dakota in 1958. Prior to joining the NDSU faculty, Kaiser was a physical education instructor and coach at Fargo's Agassiz Junior High School.

Active in the community, Kaiser was a member of Kiwanis, Blue Lodge Masons and Shriners. He served as president of the Fargo-Moorhead Officials' Association and was a member of the State Safety Council.

His professional organizations include the American Association of Health, Physical Education and Recreation and the American Association of University Professors. He was president of the North Dakota Association of Health, Physical Education and Recreation during 1956-57. He received the AAHPER's Central District Honor Award in 1963.

"Mr. Kaiser, lifelong friend of NDSU and a person who dedicated his entire professional career to the teaching and nurturing of so many students, deserves to be awarded the honorary degree from the institution he served for so many years, so well," wrote Roger Kerns, professor emeritus in the School of Education, in a letter of nomination.

Denis Isrow, professor of health, physical education and recreation, wrote of Kaiser, "I feel he had a very positive influence on my career. He was a model for all physical education students. His skills in all areas of physical education were at the highest levels."

Froelich adjudicates music competition

Andrew Froelich, professor of music, was invited to be the adjudicator for the Montana Music Teachers Competition, held Nov. 17-18, at Montana State University, Bozeman. He judged solo pianists in college, high school and junior high divisions in addition to the college-level chamber music competition.

Froelich has been a member of the NDSU faculty since 1971. His primary teaching responsibilities are music theory and piano performance. He is the principal keyboard player for the Fargo-Moorhead Symphony Orchestra and also has been a featured soloist for that group. He has performed many solo and chamber recitals and served as the music director and/or orchestra conductor for more than 60 theatrical productions in the area.

Former mechanical engineering professor Sakshaug dies

Thomas M. Sakshaug, former professor and chair of mechanical engineering, died Tuesday, Nov. 28, in Fargo.

Sakshaug enrolled as a student at NDSU in 1940. He served in the U.S. Army from 1943-46, and earned his degree from NDSU in 1947. He became an instructor of mechanical engineering on campus later that year. Following a one-year leave of absence to the University of Florida, where he earned his master's degree, he returned to NDSU and taught here until his retirement in 1986. He was promoted to assistant professor in 1951; associate professor in 1954; and professor in 1960. He chaired the department from 1965-67.

Sakshaug served on several committees and was a member of many organizations, including the American Society of Mechanical Engineers, the National Society of Professional Engineers, Pi Tau Sigma, Tau Beta Phi and the Order of the Engineer at NDSU, of which he was a founding and charter member.

New faces to be added to Tapestry of Diverse Talents

Norma Kiser-Larson and Mohammed Hoque are scheduled to be inducted to the Tapestry of Diverse Talents at noon Friday, Dec. 15, in the Memorial Union Alumni Lounge.

Kiser-Larson is an associate professor of nursing. During the past 16 years, she has traveled to Mexico, Cuba, Russia, the Ukraine and Nicaragua offering her services with health care, delivery of medication and treatment and working with projects in schools. Locally, her research focuses on American Indian women with breast cancer.

Hoque, originally from Dhaka, Bangladesh, is a senior in management information systems. He was president of the International Student Association for two years and currently is serving his second term as secretary of the Bangladeshi Student Organization.

The tapestry is a pictorial mosaic made up of individuals who have contributed to the promotion of multiculturalism at NDSU, locally, regionally, nationally or internationally. It is located across from the second floor administrative offices in the Memorial Union.

Gordon named Harlon Hill Trophy finalist

Bison football player Lamar Gordon is one of three finalists for the 15th annual Harlon Hill Trophy as the NCAA Division II College Football Player of the Year. He joins Valdosta State quarterback Dusty Bonner and University of Nebraska-Kearney quarterback Justin Coleman in vying for the honor. The award winner will be announced at a banquet Dec. 8, prior to the NCAA Division II football championship game Dec. 9 in Florence, Ala.

Gordon, a junior running back from Milwaukee, Wis., has averaged 147 yards per game during the season, leading the Bison to a 10-1 regular season record and advancing to the Division II playoffs.

Two Bison players have previously won the award—Jeff Bentrin in 1986 and Chris Simdorn in 1990.

Bromley exhibits at The Arts Center

The Arts Center, Jamestown, N.D., plans to host two of Kimble Bromley's exhibitions for the month of January. His "Cuba" series depicts scenes from the island and its people. "Badlands" is a group of paintings created during a residency sponsored by an NDSU vice president development grant. It is a presentation of paintings done at Wounded Knee and the Badlands in South Dakota.

Bromley, an assistant professor, is coordinator of the Department of Visual Arts at NDSU. For more information about the exhibits contact Sally Jeppson at The Arts Center at (701) 858-3264.

Events

Training scheduled on electronic payroll forms

The Office of Payroll has scheduled a training session on electronic payroll forms for 2-4 p.m. Wednesday, Dec. 20, in IACC 132. Anyone interested in learning more about the Web payroll forms and other payroll issues can call Tammy at 1-7328 or e-mail her at thelweg@gwmail.nodak.edu to register for the session. Class size is limited to 20.

New employee orientation planned for Dec. 14

New employees are invited to attend an orientation session from 8:15 a.m. to noon Thursday, Dec. 14, in the Memorial Union Prairie Rose Room. The session is being organized by the Office of Human Resources. Employees who have not attended a new staff orientation also are welcome to attend. R.S.V.P. and requests for accommodations related to disability may be made to Brittnee Steckler at 1-8961.

Continuing ed to offer Microsoft training

NDSU Continuing Education is planning to offer a Microsoft Office Users Specialist (MOUS) training program. The online course will prepare individuals to take MOUS certification tests in each of the software applications contained in the Microsoft Office Professional suites of software.

Participants will spend 30-40 hours working on Windows, Word, Excel, PowerPoint or Access. Besides having access to these programs, hardware required for the course includes an IBM-compatible personal computer and access to e-mail and the Internet.

The cost of each module is \$220, plus about \$45 for textbooks. To take all five modules for certification, the cost is \$1,000, plus \$225 for textbooks. The modules may be taken one at a time or all at once. They follow the semester schedule at NDSU or must be completed within one year.

Each course is outcome based, rather than written tests, students of the course do actual work. More than 125 exercises are provided to make the participants proficient users of the software.

For more information, including specific dates and registration information, call Continuing Education at 1-7015, or visit www.ndsu.edu/conted.

Human Relations Day announced

The fifth annual Human Relations Day has been scheduled for Thursday, Jan. 18. Human Relations Day celebrates the legacy of Martin Luther King, Jr. and other individuals who have made sacrifices for community, liberty, civil and human rights, the reduction of human suffering, the empowerment of those without power and civility through service. To honor King and others, an open reading forum is scheduled for noon to 2 p.m. in the Memorial Union Alumni Lounge.

NDSU students, faculty and staff are welcome to attend and participate by reading (either individually or in a group) a passage from a book, speech, essay, historical document, biography or poem that celebrates the spirit of the day.

A new addition to the traditional Human Relations Day program is an afternoon series of three one-hour seminars on civil and human rights issues. Tentative topics include the Holocaust, the Civil Rights Movement and the Native American issues and events surrounding the Wounded Knee incident in the 1970s. The evening program features an 80-minute documentary, "Good Kurds, Bad Kurds: No Friends but the Mountains," about American policy toward the Kurdish people in the Middle East. The featured evening speaker, Kani Xalum, founded the American Kurdish Information Network and lobbies with Congress regarding the U.S. foreign policies regarding Kurds.

Faculty are asked to consider these programs when planning spring semester course curriculum. For more information about Human Relations Day, or to sign up for the open reading forum, contact Kara Stack, assistant director for campus programs, at 1-8566 or Kara_Stack@ndsu.nodak.edu.

People interested in participating in the open reading forum are asked to sign up by Friday, Jan. 12.

HD&E plans annual Wassail Tea

The College of Human Development and Education has scheduled a Wassail Tea for 2-4 p.m. Tuesday, Dec. 12, in the Evelyn Morrow Lebedeff Hall Founders Room. Everyone on campus is welcome to attend.

Wassail is a traditional drink served in many countries to celebrate Twelfth Night, a holiday celebrated 12 days after Christmas. As a toast, "wassail" means "be of good health" or "good cheer." It can be followed with a reply of "Drink hail."

Wassail is a mixture of ale, roasted apples, eggs, sugar, nutmeg, cloves and ginger. It is served hot. The college has adopted its own traditional recipe for wassail using apple cider instead of ale.

At NDSU, the Christmas Wassail Tea originated in 1953 and all home economics students, faculty and friends were invited. Phi Upsilon Omicron began sponsoring the tea each year, and the tradition has turned into an annual event at NDSU. Today it is sponsored by the Dean's Student Advisory Council and the Student Advisors.

Memorial Union plans tree lighting ceremony

The Memorial Union is sponsoring a tree lighting ceremony at 5 p.m. Monday, Dec. 11, on the East Patio of the Memorial Union. During a short program, NDSU President Joseph A. Chapman is scheduled to speak, poetry will be read and students will share cultural traditions. Music and refreshments will be provided. Everyone is welcome.

Shorts and Reminders

Carew receives Campus Kudos

Staff Senate recently presented its Campus Kudos award to Barbara Carew, administrative secretary in the Office of TRIO Programs. She was nominated by Nancy Mueller for her calligraphy on the Campus Kudos certificates.

Union Food Court specials Dec. 6-13

The Corner Deli

Wednesday: chicken Caesar wrap
Thursday: ham
Friday: turkey
Monday: pastrami
Tuesday: All-American wrap
Wednesday: roast beef

More Than a Burger

Wednesday: grilled chicken
Thursday: 1/4 pound cheeseburger
Friday: fish sandwich
Monday: broasted chicken
Tuesday: mushroom Swiss burger
Wednesday: 1/4 pound hamburger

A La Carte

Wednesday: fisherman's fillet
Thursday: hand-carved roast pork
Friday: chicken Parmesan
Monday: barbecued chicken breast
Tuesday: hot roast beef sandwich
Wednesday: chicken chimichanga

Pizza Express

Wednesday: Farmhouse
Thursday: Red River
Friday: Hawaiian
Monday: bacon cheeseburger
Tuesday: taco
Wednesday: creamy garlic chicken

*Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 to check the daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

Positions available

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

Food Service Worker/#1059
Monday-Friday; 6 a.m.-2:30 p.m.
(Weekends as necessary; weekend and summer hours vary)
Dining Services – RDC
\$6.75/hour
Open until filled

Food Service Worker/#1158
Monday-Friday; 11:30 a.m.-8 p.m.
(weekends as necessary; summer hours vary)
Dining Services – WDC
\$6.75/hour
Open until filled

Food Service Worker/#2166
(Monday-Friday; 11:30 a.m.-8 p.m.)
Dining Services – RDC
\$6.75/hour
Open until filled

Food Service Worker/#1183
(Monday-Friday; 11 a.m.-7:30 p.m.)
Dining Services – WDC
\$6.75/hour
Open until filled

Food Service Worker/#1040
(Monday-Friday; 6:30 a.m.-3 p.m.)
Dining Services – RDC
\$6.75/hour
Open until filled

Food Service Workers (several openings)
Part-time; non-benefited
Nine months: 16 hours/week; 10:30 a.m.-2:30 p.m.
(Holidays, weekends, summers and school breaks off; employee's choice of weekdays up to four days/week)
Dining Services – RDC
\$6.25/hour
Open until filled

Catering Attendant
(Per Diem; some evening and weekends)
Dining Services – Memorial Union
\$6.75/hour
Open until filled

Group Decision Center Coordinator/#4877
Group Decision Center
\$11/hour
Dec. 8 noon (internal); Dec. 12 (external)

Assistant Director for Operations and Conference
Housing/#1243
Residence Life
\$30,000 minimum/year – depending on experience
Dec. 12 or until filled

Microbiologist/#3119
Plant Pathology
\$30,000+/year
Dec. 15

Research Specialist/#1645
Carrington R/E Center
\$25,000+/year
Jan. 31 or until filled

Research Technician/#5111/#5118
Animal and Range Sciences
\$26,000+/year commensurate with education and experience
Open until filled

Position openings also are available through the NDSU Web site at www.ndsu.nodak.edu/hr/.

Research Opportunities

The Office of Research Administration in Old Main 201K announces the following funding opportunities and deadlines. For information about other grants available, check the Research Administration Web site at www.ndsu.nodak.edu/ndsuzer/resadmin.html and click on "Funding Opportunities." You may also conduct funding opportunities searches via SPIN, available at www.ndsu.nodak.edu/ndsuzer/SPINPlus/SPINPlus.htm.

**National Science Foundation
Small Business Innovation Research (SBIR) Program -
NSF 00-48**
www.eng.nsf.gov/sbir/
Deadline: Jan. 4, for Biotechnology and Electronics

This is a three-phase program to enable small science and technology firms to conduct innovative high-risk research. The purpose of the program is to stimulate technological innovation; utilize small business concerns to meet federal research and development needs; foster and encourage participation by minority and disadvantaged persons in technological innovation; and increase private sector commercialization of innovations from federal research and development. Research is supported in all fields of social, behavioral and economic sciences. Proposals must conform to standard research protocol in those sciences. Proposers are encouraged to consult with academic researchers in crafting their research designs. The program is administered by the Division of Design, Manufacture and Industrial Innovation in the

Directorate for Engineering. For additional information, contact Sara Nerlove at (703) 292-7077.

**National Science Foundation
Innovation and Organizational Change Program**
www.nsf.gov/sbe/ses/ioc/oview.htm
Deadline: Feb. 1

The Innovation and Organizational Change (IOC) program seeks to improve the performance of industrial, educational, service, health care, governmental and other organizations and institutions through the support of research on theories, concepts and methodologies of innovation and organizational change. In order to foster innovation and manage change we need to understand effective approaches to organizational learning and redesign, strategic and cultural change, quality and process improvement, innovation, new product and service development, and the development and integration of new technologies.

**National Science Foundation
Social Psychology Program**
www.nsf.gov/sbe/bcs/socpsy/start.htm
Target Dates: Jan. 15 and July 15 each year

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, the social psychology of health and the psychophysiological correlates of social behavior.

**National Science Foundation
The Geography and Regional Science Program**
www.nsf.gov/sbe/bcs/geograph/start.htm
Deadline: Jan. 15 and Aug. 15

The Geography and Regional Science Program (GRS) supports basic research on a variety of problems associated with human, physical and biotic systems on the Earth's surface. The spatiality of these systems and their interaction at human scales circumscribe the core of geography. Investigations into the nature, causes and consequences of human activity within particular "places and spaces" and the extension to regional and global spheres are especially encouraged. Projects on a variety of topics (both domestic and international) qualify for support if they are argued to contribute to scholarship by enhancing geographical knowledge, concepts, theories and their application to societal problems and concerns. In one initiative, called Social Change and Sustainable Transport, the Geography-Regional Science (GRS) Program has taken the opportunity to initiate a dialogue between European and American scientists on the topic of transport within the context of social change and sustainable development.

**National Cancer Institute - National Institutes of Health
Gene-Nutrient Factors Leading to Cancer: Planning
Grants**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-01-015.html>
Deadline: Dec. 8 for optional letters of intent; Feb. 14 for applications

The NCI is inviting applications for basic and clinical research in areas related to dietary nutrients of genetic pathways leading to cancer. The initiative aims to capitalize on recent advances in molecular biology and genetics to exam-

ine the role of dietary components in the cancer process. Examples of relevant research topics are: use of natural genetic variations to clarify how nutrients are linked to phenotypes; characterization of molecular events that govern the ability of specific nutrients to alter cell cycle checkpoints; and antioxidant scavenging and oxygen stress modulation by nutrients.

Calendar

December

Through Dec. 21 NDSU Juried Student Art Exhibition, Memorial Union Gallery

8 Pharmaceutical Sciences—Feirong Kang, graduate student, will present a seminar at 9 a.m. in Sudro 205

8 History—Jim Norris, “Advantage and Necessity: Migrant Labor and Sugar Beet Producers in the Red River Valley to 1954,” 3 p.m., Minard 407

8 Animal and Range Sciences—Abraham Scheaffer, graduate student, “Effect of Pregnancy and Nutrient Restriction on Visceral Mass and Cellularity,” and Mustafa Mirik, graduate student, “Biomass Prediction Using PROBE-1 Hyperspectral Imagery,” 3 p.m., Hultz 104

8 Plant Sciences—James Anderson, “A Genomics Approach to Investigating Bud Dormancy and Developmental Regulation in Leafy Spurge,” 3:30 p.m., Loftsgard 114

8 Psychology—Elizabeth Shannon Nawrot, Minnesota State University Moorhead, “Does Music Soothe the Savage Baby?” 3:30 p.m., Minard 209

8 Johnsmith concert, 7:30 p.m., Memorial Union Gallery; \$6 general admission tickets available at Memorial Union ticket office

10 Winter Choral and Brass Ensemble concert, 2 p.m., Festival Concert Hall

11 Poetry slam, 7:30 p.m., Memorial Union Gallery; \$3 admission

11 Jazz Ensemble and Jazz Lab Band concert, 7:30 p.m., Festival Concert Hall

11 Slam poetry returns to the Gallery, 7:30 p.m., Memorial Union Gallery

12 Science, Religion and Lunch Seminar, Doug Kurtze, “Evidence for the Big Bang Part 2,” noon, Memorial Union room 365

12 Chemistry—Jon Rainier, University of Arizona, is scheduled to present a seminar at 3:45 p.m. in Dunbar 152

13 Gold Star Concert Band, 7:30 p.m., Festival Concert Hall

14 Chemistry—Philip Garner, Case Western Reserve University, “Alpha-Helical Peptide Nucleic Acids. A New Paradigm for Nucleic Acid Binding Molecules,” 3:45 p.m., Dunbar 152

14 17th Annual Western Dakota Crops Day, 9 a.m.-3 p.m., guest speaker Dwayne Beck, Hettinger Armory, Hettinger, N.D.

15 Psychology—Eric Klinger, University of Minnesota Morris, “Motivational Influences at Early Phases of Cognitive Processing :Brain Discrimination of Goal-Related Cues Begins within 100 Milliseconds of Stimulus Onset,” 3:30 p.m., Minard 209

15 Annual Holiday Ceramic and Sculpture Sale, 6 p.m., Art building

15 Last day of classes

22 Commencement, 4 p.m., Bison Sports Arena

25 Christmas Day, university closed

January

1 New Year's Day, university closed

8-26 Eclectic Vision: Collaborative prints and drawings by Kent Kapplinger, Memorial Union Gallery

9 Classes begin

9-31 “Insights,” NDSU and Bemidji State University's Student Art Exchange Exhibition, Reineke Visual Arts Gallery

15 Martin Luther King Jr. holiday, university closed

20 Reception for “Insights,” NDSU and Bemidji State University's Student Art Exchange Exhibition, 7:30-8:30 p.m., Reineke Visual Arts Gallery

25 Concert by Bari Koral, female pop/folk/acoustic performer, 7:30 p.m., Memorial Union Alumni Lounge; free admission

27 Festival Concert Series presents Chinese Dance Theater, 7 p.m., Festival Concert Hall

February

2-28 Exhibition: “Best of the Best, Prints from Americas 2000,” Reineke Visual Arts Gallery

3 Jazz Festival, all day, Festival Concert Hall

3 Jazz Ensemble concert with guest artists, 7 p.m., Festival Concert Hall

- 19 President's Day holiday, university closed
- 21 Free NDSU staff preview of Little Country Theatre's production of "The Music Man," 7:30 p.m., Festival Concert Hall
- 22-25 Little Country Theatre's production of "The Music Man," Thursday-Saturday, 8 p.m.; Sunday 2 p.m., Festival Concert Hall; for tickets, call the Division of Fine Arts Box Office at 1-9442
- 27 Varsity Band and Jazz Combos Concert, 7:30 p.m., Festival Concert Hall

March

- 2-23 Juried high school art exhibition, Reineke Visual Arts Gallery
- 3 University Chorus and Brass Ensemble Concert, 7:30 p.m., Festival Concert Hall
- 12-16 Spring break
- 17 Festival concert series presents Aries Brass Quintet, 7 p.m., Festival Concert Hall
- 18 Braschler Music show, Festival Concert Hall
- 20 Gold Star Concert Band Home Concert, 7:30 p.m., Festival Concert Hall
- 23 Concert Choir Home Concert, 7:30 p.m., Festival Concert Hall
- 26 Advising week begins for Fall 2001 registration
- 26-April 11 Baccalaureate exhibition, Reineke Visual Arts Gallery
- 29 Jazz Combos Concert, 7:30 p.m., Beckwith Recital Hall

April

- 13 Easter holiday, university closed
- 17-29 Baccalaureate exhibition, Reineke Visual Arts Gallery
- 24 Free NDSU staff preview of Little Country Theatre's production of "Mass Appeal," 7:30 p.m., Walsh Studio Theatre
- 25-28 Little Country Theatre's production of "Mass Appeal," 8 p.m., Walsh Studio Theatre; for tickets, call the Division of Fine Arts Box Office at 1-9442

- 25 Jazz Ensembles concert, 7:30 p.m., Festival Concert Hall
- 27 Festival Concert Series presents Kraig Karges, illusionist, 7 p.m., Festival Concert Hall
- 28 Varsity Band and Brass Ensemble concert, 7:30 p.m., Festival Concert Hall
- 29 Spring Choral Pops concert, 2 p.m., Memorial Union Ballroom

May

- 1 Gold Star concert band concert, 7:30 p.m., Festival Concert Hall
- 1-11 Baccalaureate exhibition, Reineke Visual Arts Gallery
- 4 Last day of classes
- 12 Commencement, 9 a.m., Fargodome
- 15 Summer classes begin
- 28 Memorial Day holiday, university closed

June

- 9 Division of Independent Study graduation, 2 p.m., Festival Concert Hall
- 12 Eight-week classes begin

July

- 4 Independence day, university closed

**University Relations
North Dakota State University
PO Box 5167
Fargo, ND 58105**