

NDSU sets new enrollment record

NDSU's fall enrollment has set a new record by topping 12,000 students in its undergraduate and graduate programs for the first time. This is the fifth year in a row that the university has reached an all-time high in the number of students.

Official third-week numbers announced Sept. 15 show an enrollment of 12,026 students, compared to 11,623 last year. The total represents a 3.5 percent increase from the 2003 fall semester.

The university's remarkable period of growth continues. Since Joseph A. Chapman became NDSU president in 1999, enrollment has increased by 2,316 students, or 24 percent.

"Surpassing 12,000 students represents a milestone and the attainment of a goal one year earlier than originally planned," said George Wallman, vice president for student affairs. "Since President Chapman challenged us to reach an enrollment of 12,000 students, many individuals on this campus have coordinated their efforts to increase academic offerings, classroom space, faculty and residence hall accommodations."

According to Wallman, NDSU has 10,549 undergraduate students this fall, up from 10,157 undergraduates one year ago. He said the new freshman class totals 2,142, which is an increase of 183 students from last year. NDSU now has 1,477 graduate students, compared to 1,466 graduate students in 2003.

"We are pleased at the large increase in new freshmen. Looking back in history, since 1990, our freshman class has increased by 58 percent," Wallman said.

"Nearly 5,900 students submitted applications this year, about 500 more than a year ago. About 40 percent were submitted electronically," said Wallman.

The enrollment figures show 6,449 students are North Dakota residents, up 44 students from last fall. Also, there are 5,577 non-resident students, an increase of 359 from 2003.

According to David Wittrock, interim dean of the Graduate School, doctoral student enrollment is up by 15.5 percent, to a total of 507. "Strengthening our doctoral programs is an important element to reach Research Extensive status. This increase indicates that we are reaching our goals," Wittrock said.

Wallman said the increases would have been larger, except for recent military deployments and fewer numbers of returning students who were deployed one year ago. In addition, about 3 percent of applications for admission were denied.

Wallman notes that NDSU students are highly sought by employers. He said the Engineering and Tech Expo, to be held Sept. 24 in the Bison Sports Arena, will attract 90 companies from across the country. He said on-campus recruitment of NDSU students by businesses and corporations is up about 25 percent from the previous year.

President Chapman to deliver State of the University address

President Joseph A. Chapman will deliver his sixth State of the University address at 11 a.m. Thursday, Oct. 14, in Festival Concert Hall. All faculty, staff, students, alumni and friends of the university are invited. A reception will follow in the Reineke Fine Arts Center lobby. The address also can be viewed live on the Web at www.ndsu.edu/president/address.

Varsity Mart sidewalk sale scheduled

The Varsity Mart has scheduled a sidewalk sale for 9 a.m.-4 p.m. Wednesday, Sept. 29, and Thursday, Sept. 30.

Next Issue

Publication date: Wednesday, Sept. 29
Submissions due: noon Sept. 23
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NDSU Downtown dedicated

A daylong celebration on Sept. 17 marked the dedication of the new NDSU Downtown. A large crowd of faculty, staff, students, community leaders, alumni and friends of the university attended the ceremony and took tours of the \$10 million facility.

The former Northern School Supply building now houses the university's visual arts department, major components of the architecture and landscape architecture department and the Tri-College University office.

"Fargo is a place where partnerships bloom. Thanks to the hard work of our many partners, NDSU's architecture, landscape architecture and visual arts faculty and students now have a state-of-the-art facility in which to study, create and explore," said President Joseph A. Chapman, during the dedication ceremony. "These have long been outstanding programs burdened by the worst of facilities. Now we go from worst to first."

Located at 650 NP Ave. in Fargo's downtown, the 75,800-square foot, five-story facility includes studios, classrooms, a wood shop, digital media room, gallery and sculpture area.

The structure, originally called the Robb-Lawrence Co. warehouse, was constructed in 1903. In 1920, Northern School Supply moved into the building, and became a downtown fixture for decades. The company closed its doors in 1997, and the building was purchased by School Specialty Inc., Appleton, Wis. It was slated for demolition in 2000.

The building was saved when it was purchased by NDSU alumnus Doug Burgum, senior vice president at Microsoft Corp. Through a collaboration with the NDSU Development Foundation, City of Fargo and Burgum, the building was gifted to the university in 2001. Project funding also came from a historic preservation grant and a Renaissance Zone tax credit.

"The act of preservation itself helps us define our future," said Burgum during the ceremony. "Place really does matter. And this place, specifically housing students from these three artistic disciplines, creates an opportunity to help define the type of community Fargo can be for generations to come."

Chancellor Robert L. Potts said the project began with Burgum's vision and was built upon by state and federal agencies, the university and the city of Fargo. "The renovation of Downtown NDSU is a reason to celebrate. This rebirth of a Fargo landmark represents a remarkable partnership," he said. "On behalf of the State Board of Higher Education and the future generations of students who will grow and thrive here, thank you for your unrivaled generosity and 'can do' spirit."

The celebration included performances by NDSU musicians at the Plains Art Museum, the presentation of the movie "My Architect" at the Fargo Theatre, music by the Gold Star Marching Band and a downtown dance.

President Chapman, Langdon learning center receive AIA awards

President Joseph A. Chapman received the "Commitment to Architecture Award" from the North Dakota chapter of the American Institute of Architects (AIA). In addition, the Vic Sturlaugson Learning Center, Langdon, N.D., was recognized with one of four Merit Awards for its design by JLG Architects, Grand Forks, N.D. The presentations were made Sept. 14 during the group's 2004 annual meeting and conference.

According to the nomination by Richard Moorhead, Image Group Inc., Chapman's tenure at NDSU is characterized by his challenge to move the entire university to the next level.

"The challenge has resulted in new educational programs, growth in student enrollment and increased demand for new facilities," Moorhead wrote. "President Chapman's challenge recognizes the contribution that design excellence provides towards meeting the university's objectives and has resulted in architecture that supports the revitalization of downtown Fargo, preserves the campus history and tradition, provides student housing and dining services that respond to the expectations of today's students, explores new areas of technology and research and provides environments for learning as well as for enrichment of the university experience."

The Langdon facility serves a nine-county region in northeast North Dakota. Its 75,000 square feet include offices for faculty and administration, a 150-seat meeting room for outreach and education, a computer classroom for distance education and a business incubator.

The AIA is the largest and most influential professional association for architects, interns, and persons directly involved with the practice of architecture. Based in Washington, D.C., the group has almost 300 state and local chapters, representing 63,000 members. The AIA North Dakota is based in Bismarck, N.D., and represents more than 170 members, including 100 architects.

Older individuals needed for study

The Department of Psychology's Cognitive Aging Lab is seeking older adults to participate in a research study. The purpose of the study is to examine patterns of attention and memory performance associated with later life.

The researchers are seeking healthy adults from the Fargo-Moorhead community who are 60-80 years of age, are fluent in English and have the equivalent of a high school education or more.

Participation involves a single session, lasting approximately two hours. Participants will receive compensation of \$10 per hour.

Participants will work individually with a researcher to complete paper-and-pencil tasks of vision, health, mood and memory. They also complete simple computer tasks, in which they press buttons on a keyboard in response to words or objects that are presented on the computer screen.

Interested individuals should contact Angela Bagne, lab coordinator, at 1-5819 or angela.bagne@ndsu.nodak.edu.

United Way campaign to kick off

NDSU's United Way of Cass-Clay 2004 campaign kicks off Sept. 22. Department representatives will receive information and pledge forms, and campus personnel can expect to receive United Way materials within one to two weeks.

President Joseph A. Chapman encourages participation by faculty, staff and students. "The NDSU campus has long enjoyed a deserved reputation for its dedicated and caring people. In that light, we ask you to remember the upcoming campaign for the United Way of Cass-Clay," he said. "Your kind contributions help make our community a better place to live, work and study."

Char Goodyear, NDSU employee campaign coordinator, said the 2004 goal is \$80,000. In 2003, the NDSU campaign raised more than \$76,000, which is believed to be a record amount.

"The funding supports more than 50 programs through 37 agencies," Goodyear explained. "Please give generously, because our gifts provide for such things as food and shelter for homeless families, after-school programs for youth and refuge for victims of domestic violence. They ensure that emergency needs are met."

For further information about the NDSU campaign, contact Goodyear at 1-1068 or char.goodyear@ndsu.nodak.edu. For information about United Way, visit www.uwcc.net or call 237-5050.

Grading system change proposed

The presiding officer of the University Senate is proposing a change to NDSU's grading system. Chuck Harter, professor and chair of accounting and information systems, made his initial proposal presentation at the Sept. 13 University Senate meeting.

Harter suggests adding a B-plus and a C-plus to NDSU's grading system, with a B-plus valued at 3.5 and a C-plus at 2.5 on a four-point scale. Currently, NDSU uses only full letter grades, with an A worth 4 points, a B is 3 points, a C receives 2 points and a D gets 1 point.

"I just don't believe that our current system is adequate. In my classes, the difference between a top B and a bottom B is very significant," Harter explained, noting that informal discussions with fellow faculty members have received positive responses.

"Two things can occur. I can feel sorry for the top B student and bring them up to an A, and that leads to grade inflation, which is not acceptable," he said. "If I don't do that, it's unfair to students because they are not working at the same level, but they are getting the same grade."

While he knows of no schools which use such a six-level grading system, Harter said several area schools, including Big Ten institutions, use pluses and minuses in their systems.

Harter said he is working with the registrar to see if any university policies prohibit such a change. The proposal will be further discussed at the Oct. 11 University Senate meeting.

Applicants requested for Goldwater scholarships

Students in mathematics, the natural and physical sciences or engineering are invited to apply for the Barry M. Goldwater Scholarship and Excellence in Education Program.

The scholarships, which cover eligible expenses up to \$7,500 per year, will be awarded next spring to students who will be juniors or seniors during the 2005-06 academic year. Junior scholarship recipients can expect a maximum of two years of support; senior recipients are eligible for a maximum of one year of support. Students must be nominated by their institution.

Eligible students are current, full-time sophomores and juniors pursuing baccalaureate degrees who have a B average or equivalent, stand in the upper fourth of their class and are a U.S. citizen, resident alien or U.S. national who will pursue a career in mathematics, natural or physical sciences and engineering.

The scholarship was established by Congress in 1986 to provide opportunities for outstanding students with excellent academic records and demonstrated interest in and potential for careers in the specified fields.

Interested sophomores and juniors should contact NDSU's Goldwater faculty representative Alan White at 1-7411, or pick up a pre-application form and information packet in Stevens 201. Pre-applications are due by Oct. 22, and will be evaluated in early November. Further information about the Goldwater program can be found at www.act.org/goldwater.

NCI hosts barley quality course

Representatives from brewing and malting companies in the United States, Canada and Mexico attended a barley malt quality evaluation technical course at Northern Crops Institute Sept. 14-17. The course was co-sponsored by the American Society of Brewing Chemists.

During the course, the group learned about the quality components of barley and malt necessary to produce an acceptable beer. Topics included U.S. barley production and variety development, barley malt production technology, biochemical changes in malting, malt enzymes, malt analysis, North American versus European/Australian malts and a biotechnology update on barley.

"North Dakota remains the number one producer of barley in the United States," said Paul Schwarz, professor of plant sciences and program coordinator. "Malt is the major ingredient in making beer and has a huge impact on beer quality. Key to understanding beer quality in brewing is having a good understanding of malt."

Steve Edwardson, executive director of the North Dakota Barley Council, said, "This course showcases the technical expertise that we have to offer here as a state at the production and variety development level and at the processing, malting and brewing levels. By showing people how to use barley and how to understand malt quality and barley quality in general, we end up with repeat business and customers who will continue to look to North Dakota as the source of supply."

Research compliance reminder notice

Faculty, staff and students conducting projects involving the use or handling of live vertebrate animals for any purpose, including but not limited to teaching, testing, demonstration, exhibition or research on- or off-campus; human participants; or recombinant DNA, infectious agents, human blood, tissues or specimens in research or laboratory courses are required to follow applicable federal regulations and NDSU institutional policies include in sections 345, 356 and 347.

In order to remain in compliance, and to insure that projects make the necessary progress, sponsored programs administration deems it essential that regulations and policies relevant to compliance issues be followed consistently, regardless of project funding sources. Noncompliance has the potential to place animals, research participants or other individuals at risk, and negatively impact the reputation of the researcher, their department and the institution. In addition, failure to follow federal requirements could place current funding in jeopardy, hinder the ability to attract future research funding, and possibly result in criminal and/or civil penalties.

The Institutional Animal Care and Use Committee (IACUC), Institutional Review Board (IRB) and Institutional Biosafety Committee (IBC) are responsible to review projects in the specific areas mentioned. Each committee includes faculty, staff and unaffiliated members, and receives administrative support from the Office of the Vice President for Research, Creative Activities and Technology Transfer. More information on each committee is available online at www.ndsu.edu/research/compliance/iacuc, www.ndsu.edu/research/compliance/irb and www.ndsu.edu/research/compliance/ibc.

Research compliance training officers Pierre Freeman and Teri Grosz have scheduled educational sessions regarding federal regulations and institutional policies as follows:

- Animals and the IACUC— 12:30 p.m. Monday, Oct. 4, and 12:30 p.m. Thursday, Nov. 4, Memorial Union University Chamber
- Human participants and the IRB – 2:15 p.m. Monday, Oct. 4, and 2:15 p.m. Thursday, Nov. 4, Memorial Union University Chamber

Pre-registration is not necessary, and attendance at one of the sessions fulfills the educational requirement for protocol submission to the respective committee. All individuals involved in a project must be listed on a protocol and complete training requirements. Online courses also are available. IBC educational sessions are available as online courses only. To schedule a department or course-specific session, contact Grosz (IRB) at 1-8908, or Freeman (IACUC and IBC) at 1-8114.

Study: completed community service sentences limit repeat offenses

A new study by NDSU researchers says offenders who complete community service sentences are significantly less likely to be re-arrested than persons who don't finish their sentences. The research, led by Jeff Bouffard, assistant professor of criminal justice monitored 810 offenders in Fargo during 2003.

Bouffard and graduate assistant Lisa Muftic studied adult offenders who had been assigned to a program called Responsibly Enforced Sanctions Through Offender Required Employment (RESTORE). The non-profit entity is the primary

agency responsible for monitoring the compliance of juvenile and adult offenders sentenced to community service by local courts in the Fargo area.

Bouffard said the research showed that offenders who completed their community service sentences were nearly 30 percent less likely to be re-arrested on other charges over an 11-month follow-up period.

“What we infer from the results is that it seems that the community service process is having an impact. It's reducing the likelihood that these people re-offend,” Bouffard said. “Sometimes a small shock may make people think twice about how they behave in the future. In this type of population—maybe they made a bad choice—it lets them know that there are consequences.”

Bouffard describes the persons in the study as “low-level offenders” who violated city ordinances or were arrested for various misdemeanors in the city of Fargo, such as minor in possession of alcohol. He said they were often first-time offenders who were ordered to the RESTORE program through the Fargo Municipal Court, with smaller proportions also coming from the local juvenile court, district court and probation department.

Also, the study showed that people who completed their community service sentences went longer (by an average of 1.5 months) before being arrested again, compared to offenders who did not finish their community service.

In addition to being effective in preventing repeat offenses, Bouffard said the work helps the community. The 810 offenders in the study contributed more than 46,000 hours of labor to local businesses and agencies, with an estimated value of nearly \$300,000.

“It looks like the process is working,” he said.

Bouffard's research was funded through an “Efficiency in Government” grant supported by the NDSU Development Foundation.

Bouffard joined the NDSU faculty in 2002. He earned his bachelor's degree at Suffolk University, Boston; his master's degree in clinical psychology at St. Michael's College, Burlington, Vt.; and his doctorate in criminology and criminal justice at the University of Maryland, College Park. His research interests include community corrections and correctional rehabilitation.

Libraries offers new education database

NDSU researchers now have access to the Professional Collection, a general education database containing more than 300 full-text journals.

Updated daily, the database currently holds approximately 1.5 million articles. It offers education topics including child and adolescent psychology and development; drug and alcohol abuse; health, nutrition and fitness; learning disabilities; school law; science and technology; and sports and athletic training.

Access to the Professional Collection database is available through the “Databases” link on the Libraries home page. Off-campus users may access the databases via their “My Library” login. For more information, call the Reference Desk at 1-8886 or contact your subject librarian.

People

Singelmann receives governor's award



Hoeven, Singelmann, R. Rayl

Tim Singelmann, heat plant supervisor in Facilities Management, received the Governor's Award for Excellence in Public Service at a State Employee's Week ceremony held Sept. 13 in Bismarck. Gov. John Hoeven presented the awards to five state employees who were recognized for their dedication and contributions to the people of North Dakota.

Singelmann is responsible for the construction, maintenance and repair of the heat plant, and maintaining a reliable distribution system for customers. He was noted for utilizing his welding, plumbing and other technical skills to streamline operations and enhance efficiency and safety on campus.

The award recipients were nominated by fellow state government employees. A committee of individuals representing state government and the private sector reviewed the nominations and recommended selections in each of five categories. Nominees were rated on their overall job performance, contributions to their department, commitment to customer service, working relationship with fellow workers and involvement in their community.

Mechanical engineering faculty receive NSF grant

Iskander Akhatov, associate professor of mechanical engineering, and Bor Jang, chair and professor of mechanical engineering, have received a one-year, \$130,000 National Science Foundation grant for the project "Vibrating Nanotube-Based Nanopowder Production System."

Part of the NSF's nanoscale science and engineering program, the nanoscale exploratory research project is intended to demonstrate the technical feasibility of a novel approach to the production of nano-sized particles with a relatively narrow size distribution and to evaluate its potential advantages and limitations.

Kavasseri article on wind speed patterns published

"Evidence of Crossover Phenomena in Wind Speed Data," an article by Rajesh Kavasseri, assistant professor of electrical and computer engineering, is scheduled for publication in IEEE Transactions on Circuits and Systems Part I: Fundamental Theory and Applications.

The paper examines evidence of patterns in wind speed variations in North Dakota, and the investigation of wind speed fluctuations as it challenges wind energy development.

Kavasseri and a research team gathered hourly wind speed data over a period of approximately two years from three separate potential wind generation sites in North Dakota. The paper explains the data's use in identifying long-range correlations between each geographically different location.

Strom article published

"Editorials and Explosions: Insights into Grassroots Opposition to Tick Eradication in Georgia, 1915-1920," an article by Claire Strom, assistant professor of history, was published in the summer 2004 issue of the Georgia Historical Quarterly.

The article examines Georgia newspaper editor William Benjamin Franklin Townsend's work to eradicate the cattle tick in the early 20th century. The paper is part Strom's larger work-in-progress on the opposition to tick eradication throughout the South.

Graduate School candidates to interview

The first two candidates for dean of the Graduate School are scheduled to give campus interviews and open forums, according to Craig Schnell, provost and vice president for academic affairs. Schnell said the topic of the forums is "The Role of Graduate Education in the 21st Century Land-Grant Institution."

Jagdish Singh, professor and chair of pharmaceutical sciences, will be interviewed Sept. 29-30, with his open forum scheduled for 2:30 p.m. Wednesday, Sept. 29, in the Memorial Union Century Theatre.

David Wittrock, interim dean of the Graduate School and professor of psychology, will be interviewed Oct. 7-8, with his open forum set for 2:30 p.m. Thursday, Oct. 7, in the Century Theatre.

Singh, who joined NDSU in 1994, earned his doctorate in pharmaceuticals from BHU Institute of Technology, Varanasi, India. His post-doctoral work was at the University Otago, Dunedin, New Zealand, and the University of California, San Francisco.

Singh received the 2002 Waldron Award for outstanding research. He also has been named the College of Pharmacy Teacher of the Year three times and the college's Researcher of the Year twice. In addition, he has twice been named a Mortar Board National Honor Society Preferred Professor. His vita lists 109 publications in refereed journals and 169 refereed conference abstracts and papers.

Wittrock joined NDSU's faculty in 1989. He earned his bachelor's degree at the University of Wisconsin-Madison and his doctorate in clinical psychology at the University at Albany, State University of New York.

Named as interim dean in 2003, Wittrock is a licensed psychologist who was named a Mortar Board National Honor Society Preferred Professor in 2001 and received the College of Science and Mathematics Teaching Award in 1992. His vita lists 40 refereed publications, four book chapters, 64 referred conference presentations and 27 published abstracts.

Odegaard set to retire

An open house honoring Margaret "Peg" Odegaard, administrative secretary in agricultural and biosystems engineering, is scheduled for 2-4 p.m., Wednesday, Sept. 29, in the Memorial Union Meadowlark Room. Odegaard will retire Sept. 30 after 25 years of service at NDSU. She and her husband, Del, have two adult children and live near Park Rapids, Minn.

Anyone wishing to include a letter of congratulations for Odegaard's retirement book is welcome to bring it to the open house.

Bouffard receives criminal justice research funding

Jeff Bouffard, assistant professor of criminal justice and political science, recently was awarded two-year Department of Justice research grants totaling more than \$91,000 for two projects in collaboration with the North Dakota Department of Corrections and Rehabilitation (ND DOCR).

One project will examine the delivery and effectiveness of the ND DOCR's Serious and Violent Offender Re-entry Initiative. The program provides assistance in community reintegration to adult prisoners returning to the Fargo area from North Dakota correctional facilities in an effort to reduce their likelihood of re-offending.

The second project involves an evaluation of the implementation and effectiveness of the adult drug court program currently operating in Bismarck.

Each project will fund a two-year research assistantship for a graduate student in the criminal justice doctoral program.

Germans from Russia translator dies

Lena Paris, a translator for the Germans from Russia Heritage Collection, died Sept. 14 at her Fargo home. She was 86.

Paris joined the program in 1992, after retiring as a secretary for Foss Associates, Fargo.

According to Michael Miller, Germans from Russia bibliographer, Lena grew up on a farm in central North Dakota near McClusky, and her parents were immigrants from Germany and from near Odessa in the Ukraine. "Lena grew up speaking both the English and German languages. Lena provided valuable work, especially with oral history transcription," Miller said. "Lena Paris will be truly missed as a very special lady and a beloved colleague."

She is survived by a daughter, a sister and a brother.

Events

Pharmacy and nursing career fair scheduled

The College of Pharmacy has scheduled a pharmacy and nursing career fair for 10 a.m.-3 p.m. Thursday, Sept. 23, at the Fargodome. The college's scholarship recognition program is scheduled for 3-5 p.m. The career fair is open to the public.

Health care employers representing all areas of professional practice in pharmacy and nursing will be in available to provide information on various career opportunities. Area high school juniors and seniors who are considering a health-related career and their parents are encouraged to attend.

"Our career fair provides a wonderful opportunity for our students to see all that's available for them for careers in pharmacy and nursing in one convenient location," said Charles Peterson, dean of pharmacy. "We want our students to be thinking about their career options early on in their academic endeavors and to involve their parents in the career seeking and decision making process."

Free parking is available at the Fargodome. For more information, contact Cynthia Hanson at 1-6461 or *Cynthia.Hanson@ndsu.nodak.edu*.

LCT to open season with 'Everyman'

NDSU's Little Country Theatre is set to open its season with "Everyman," scheduled for 7:30 p.m. Wednesday, Oct. 6-Saturday, Oct. 9, and 2 p.m. Sunday, Oct. 10, in Askanase Auditorium. A staff free preview is set for 7:30 p.m. Tuesday, Oct. 5.

Written near the end of the 15th century, the famous morality play portrays a complacent Everyman's progression from despair and fear of death, to a "Christian resignation that is the prelude to redemption." Faced with his impending demise, Everyman is deserted by his false friends, his casual companions, his kin and his wealth. He falls back on his good deeds, his strength, his beauty, his intelligence and his knowledge, but all except his good deeds desert him.

Season tickets are \$40 for adults; \$25 for senior citizens and NDSU alumni, faculty and staff; \$20 for non-NDSU students; and \$15 for NDSU students. Single performance tickets are \$12 for adults; \$10 for senior citizens and NDSU alumni, faculty and staff; \$8 for non-NDSU students; and \$4 for NDSU students. For ticket information, call the fine arts box office at 1-9442.

'What's for Dinner?' brown bag set

The brown bag seminar "What's for Dinner?" is scheduled for noon Wednesday, Sept. 29, in the Memorial Union Peace Garden Room.

Nancy Kasper, Deb Evenson and Jean Ostrom-Blonigen will discuss a new enterprise in Fargo that helps ease dinner planning and preparation for busy people.

For more information, call 1-5225.

Family Weekend scheduled

Family Weekend at NDSU is scheduled for October 1-3. Family Weekend is a chance for families of current students to visit campus and spend time with their son or daughter while participating in a variety of activities at NDSU.

Approximately 500 family members typically participate in the annual event. Families can attend such activities as the president's breakfast, a comic act and a farewell breakfast. Additional events also are planned.

For a detailed schedule call Nancy Mueller, student services coordinator in the Office of Orientation and Student Success, at 1-8379.

Virtual genomics, bioinformatics conference set

The fourth annual "Virtual Conference on Genomics and Bioinformatics" is scheduled for Sept. 21-24 in IACC 422. More than 1,000 participants at approximately 80 access grid and Real Player sites worldwide are expected to take part in the conference, including locations in Canada, United Kingdom, India, Australia, Peru, Colombia, Germany, Israel, Malaysia, Pakistan, China, Japan and across the United States.

The conference is an advanced collaborative environment featuring high profile researchers involved in the development and use of cutting edge technologies and approaches that allow a better understanding of the molecular structure and dynamics of biological systems. The Access Grid is a virtual collaboration tool designed for group-to-group communication.

In addition to the real-time virtual conference, presentations (video and audio) are available on the Web for delayed streaming. Threaded discussion sessions with the invited speakers and additional peer-reviewed paper sessions follow the conference.

Advance registration for the local site is required. Conference schedule details are available at www.virtualgenomics.org/conference_2004.htm.

DOT's Frietas to outline Intelligent Transportation Programs

Michael Freitas, travel management coordinator for the Department of Transportation's Intelligent Transportation System (ITS) program, will outline the program in a presentation scheduled for 10 a.m. Tuesday, Sept. 28, in the Memorial Union Peace Garden Room.

The presentation will include a short history of the ITS program, a summary of current major focus areas, program highlights and comments on its future direction.

A civil engineer with more than 30 years of experience at the Federal Highway Administration, Frietas has been involved in the ITS program since its inception. As travel management coordinator, he oversees the portions of the program that deal with advanced traffic management, traveler information and the rural ITS program.

The presentation is sponsored by the Upper Great Plains Transportation Institute's Advanced Traffic Analysis Center.

Shorts and Reminders

Positions Available

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

Cashier/#3232
Dining Services–West Dining Center
12 months; 40 hours/week
6 a.m.–2:30 p.m.
\$6.75+/hour
Sept. 22 (internal); Sept. 29 (external)

Wheat Genetics Specialist
Plant Sciences
\$26,000+/year
Sept. 30

Assistant Director of Media Relations/Sports Information Athletics
Salary commensurate with experience
Sept. 24

Safety and Compliance Specialist
Office of Safety and Environmental Health (OSEH)
\$33,000+/year
Sept. 24

Technology Transfer Assistant
Technology Transfer/NDSU Research Foundation
Salary commensurate with education and experience
Sept. 30

Head of Library Technical Services/#0518
NDSU Libraries
\$42,000+/year
Sept. 30

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

Calendar

September

Through Oct. 3 Studio Scholarship Exhibition, Reineke Visual Arts Gallery.

Through Oct. 7 "Celebrating Explorers: Commemorating the Lewis and Clark Expedition's Bicentennial" exhibit, Memorial Union Gallery. Special Parents Weekend hours noon-3 p.m. Saturday, Oct. 2. Reception 4:30 p.m. Friday, Oct. 1.

23 Pharmacy and nursing career fair, 10 a.m.-3 p.m., Fargodome

24 Career Center—Engineering and Tech Expo, 10 a.m.-3 p.m., Bison Sports Arena

24 Plant sciences—Vijaya Varanai, graduate student, "CyclinD3;1-A Link Between Cell Division and Differentiation," 3:30 p.m., Loftsgard 114

24 Psychology—Adam Derrere, University of North Dakota, "Recent Research on Stimulus Generalization and Stimulus Discrimination in Humans," 3:30 p.m., Minard Annex 136

24-25 Women's golf, Bison/Dragon Invite, times and location to be announced

29-30 Varsity Mart sidewalk sale, 9 a.m.-4 p.m.

29 Brown bag seminar—"What's for Dinner?" noon, Memorial Union Peace Garden Room

29 Campus Attractions—Robert Hastings presents government information regarding the existence of UFOs, 7 p.m., Century Theater. Free.

29 Volleyball vs. Minnesota State University Moorhead, 7 p.m., Bentson Bunker Fieldhouse

30 Geosciences—Bernard Wood, University of Bristol, England, and Mineralogical Society of America distinguished lecturer, "Square Pegs in Round Holes: Why and How Trace Elements Enter Minerals," 11:30 a.m., Stevens 134; "The Earth Under Pressure: Minerals of its Deep Interior," 3:30 p.m., Van Es 101. Refreshments at 3 p.m.

30 Faculty recital—Robert Jones, baritone, 7:30 p.m., Beckwith Recital Hall. Free.

October

1 Plant sciences—Juan Osorno, graduate student, "Interspecific Crosses for the Improvement of Dry Beans: Achievements and Difficulties," 3:30 p.m., Loftsgard 114

1 NDSU Jazz Ensemble and Jazz Combo concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.

4 NDSU High School Choral Festival concert, 7:30 p.m., Festival Concert Hall.

4 Regional studies lecture—Larry Woiwode, "A New Dakota Address," 7:30 p.m., Beckwith Recital Hall

5 Distance and Continuing Education—Technology Training Tools workshop, 8:30 a.m.-4:30 p.m., Memorial Union. Call 1-7015 for information.

5 Free staff preview of Little Country Theatre's "Everyman," 7:30 p.m., Askanase Auditorium

6 Brown bag seminar—"Understanding Ramadan" noon, Memorial Union Peace Garden Room

6-10 Little Country Theatre presents "Everyman," 7:30 p.m. Wednesday-Saturday, 2 p.m. Sunday, Askanase Auditorium

6-31 NDSU Visual Arts Alumni Exhibition, Reineke Visual Arts Gallery. Reception 4:30 p.m. Friday, Oct. 15.

7 World I View presentation, "The Journey from Bosnia to the United States," by a Bosnian student panel, noon, Memorial Union Peace Garden Room

8 Plant sciences—Rebekah Oliver, graduate student, "Recent Insights into the Effects of Polyploidization;" Jamie Rust, graduate student, "Molecular Marker Diversity and Genetic Variance," 3:30 p.m., Loftsgard 114

8 Volleyball vs. Northern Colorado (Parents Night), 7 p.m., Bentson Bunker Fieldhouse

9 Volleyball vs. South Dakota State University, 7 p.m., Bentson Bunker Fieldhouse

10 NDSU fall choral concert, 2 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.

11-12 Center for Agricultural Policy and Trade Studies—"Agricultural Competitiveness and Change Under Globalization" conference, Ramada Plaza Suites and Conference Center, Fargo

12-Nov. 11 Exhibit by Gretchen Bederman, Memorial Union Gallery. Special Homecoming hours 4-6 p.m. Friday, Oct. 15, and 10 a.m.-1 p.m. Saturday, Oct. 16. Reception 4:30 p.m. Friday, Oct. 29.

13 Continuing education—"Leadership from the Ground Up: Effectiveness in Changing Times," conference live via satellite featuring presentations by Donald Trump, Rudy Giuliani, Stephen R. Covey, Ram Charan, Brian Tracy, Suze Orman and Jack Welch, 9:45 a.m.-4:30 p.m., Speedway Events Center, West Fargo, N.D. Register at www.luminaryseries.com.

15 Plant sciences—Diego Vilaro, graduate student, "Challenges in Marker Assisted Selection of Complex Traits;" Melissa Huhn, graduate student, "Onion Production-Day Length and Bulbing," 3:30 p.m., Loftsgard 114

15 Volleyball vs. University of Winnipeg, 7 p.m., Bentson Bunker Fieldhouse

- 16 Football vs. Southern Utah University (Homecoming), 1 p.m., Fargodome
- 16 Volleyball—NDSU alumni exhibition, 5:30 p.m., Bentson Bunker Fieldhouse
- 16 Jazz Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 18 Soil science—Laurence Shore, Kimmon Veterinary Institute, Ben Dagan, Isreal, "Hormonal Parameters of Ecohydrology: Pigs and Snails and Cattle Trails," 3 p.m., Walster 220
- 19 Wind Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 20 Brown bag seminar—"The Emerging Leadership Role for Women," noon, Memorial Union Peace Garden Room
- 22 Plant sciences—Kiran Oberoi, graduate student, "Single-Nucleotide Mutations for Plant Functional Genomics," 3:30 p.m., Loftsgard 114
- 22 Baroque Festival Concert I, 7:30 p.m., Festival Concert Hall. Call 1-9442 for ticket information.
- 23 Football vs. California Polytechnic, 1 p.m., Fargodome
- 24 Baroque Festival Concert II, 7:30 p.m., Festival Concert Hall. Call 1-9442 for ticket information.
- 27 Brown bag seminar—"Career Fairs-Make the Right Impression," noon, NDSU Career Center
- 29 Plant sciences—Ajay Jha, graduate student, "Physical Mapping Using 'Fish,'" 3:30 p.m., Loftsgard 114
- 30 Football vs. Northwestern State of Louisiana (Harvest Bowl), 1 p.m., Fargodome

November

- 1 NDSU Visual Arts Day and Music Day. Call 1-7932 for information.
- 3-4 Fine craft demonstrations and sales by Donald Cain, 10 a.m.-5 p.m., Memorial Union Alumni Lounge.
- 3 Brown bag seminar—"A Nation Within: Understanding Native American Sovereignty," noon, Memorial Union Prairie Rose Room
- 4 World I View presentation, "Native American Sovereignty," noon, Memorial Union Peace Garden Room.
- 4 Brass Chamber Night, 7:30 p.m., Beckwith Recital Hall.
- 5 Plant sciences—Marcelo Melani, graduate student, "Improving Sunflower Using Its Wild Relatives," 3:30 p.m., Loftsgard 114
- 6 Jazz Arts Group concert, 8 p.m., Festival Concert Hall.

- 10 Woodwind Chamber Night, 7:30 p.m., Beckwith Recital Hall.
- 11 Veteran's Day holiday-university closed
- 12 Plant sciences—Suresh Bhamidimarri, graduate student, "Genetics of Tissue Variegation," 3:30 p.m., Loftsgard 114
- 17-Dec. 15 NDSU juried student art exhibit, Memorial Union Gallery. Reception 4:30 p.m., Wednesday, Nov. 17.
- 17 Brown bag seminar—"Men, Women, Wymyn, Whoa! A Time to Stop and Examine Our Perceptions About Men, Gender and Male-Female Relationships," noon, Memorial Union Peace Garden Room
- 18 Opera workshop performance, 7:30 p.m., Beckwith Recital Hall. Free.
- 19 Plant sciences—Paula Peterson, graduate student, "Mechanism of Glyphosate Resistance," 3:30 p.m., Loftsgard 114
- 19 Vienna Choir Boys, time to be announced, Festival Concert Hall. Tickets are \$15, \$30 and \$40.
- 21 Gold Star Marching Band concert, 2 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 25 Thanksgiving Day holiday-university closed
- 29-Dec. 3 Gift Nook holiday sale, 9:30 a.m.-6 p.m., Memorial Union Alumni Lounge

December

- 1 Brown bag seminar—"HIV/AIDS," noon, Memorial Union Peace Garden Room
- 1 Free staff preview of Little Country Theatre's "St. Joan," 7:30 p.m., Walsh Studio Theatre
- 2-5 Little Country Theatre presents "St. Joan," 7:30 p.m. Thursday-Saturday and 2 p.m. Sunday, Walsh Studio Theatre
- 2-5 Madrigal dinners, 6:30 p.m., Festival Concert Hall lobby. Tickets are \$30.
- 3 Plant sciences—Lisa Dahl, graduate student, "Control of Brown Patch Disease in Kentucky Bluegrass Lawns," 3:30 p.m., Loftsgard 114
- 6 Jazz Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 7 Wind Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 8 Brown bag seminar—"Divine Creative Energy from Yoga," noon, Memorial Union Peace Garden Room
- 9 Percussion Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.

- 10 Last day of classes
- 10 Ceramic and PEARS print sale, noon-6 p.m., visual arts department
- 10 Plant sciences—Nfn Leela, graduate student, “VIGS (Virus-Induced Gene Silencing) and PTGS (Post-Transcriptional Gene Silencing),” 3:30 p.m., Loftsgard 114
- 12 Winter Choral and Brass Ensemble concert, 2 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors.
- 17 Commencement, 4 p.m., Fargodome

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