

NDSU Animal Nutrition and Physiology Center dedicated



Animal Nutrition and Physiology Center dedication

The new NDSU Animal Nutrition and Physiology Center was dedicated during ceremonies Sept. 24.

Organizers expect the \$4.5 million project to play an important role in the future of agriculture in the state.

“North Dakota needs a great land-university, and we cannot be a great land-grant university without great agriculture,” said NDSU President Joseph A. Chapman during the ceremony. “These facilities will create an environment where we can move together to that next level of excellence.”

Located on campus at the corner of 18th Street North and 15th Avenue North, the facility features cattle, sheep and swine housing and containment areas. There also are holding pens, storage and feed rooms, loading facilities, a renovated large animal surgery suite and laboratories.

Discussions for the project began in 1981, when NDSU and agriculture leaders first felt existing campus research facilities would not be sufficient to meet the future challenges of the industry. The project includes a new 24,000 square-foot, one-story addition and renovations to 23,000 square feet of existing research facilities. It was funded from a variety of sources, including federal and state monies.

“We are here to celebrate and acknowledge a partnership 20 years in the making,” said Patricia Jensen, vice president, dean and director for agricultural affairs, who served as master of ceremonies. “Our ability to do research for the livestock and animal industry in North Dakota is now in good shape to proceed.”

State Sen. Kenneth Solberg, a member of the State Board of Agricultural Research and Education (SBARE), said researchers will now be better able to help producers face a rapidly changing economic climate. “Animal agriculture has been overlooked in North Dakota for a long time. A facility like this is going to allow us to move forward and to bring dollars in from the outside for research,” he said. “As we do the research, as we do the work here, we need to move it out to the producers and the taxpayers to add value to agriculture in North Dakota.”

SBARE chair Jerry Doan, said the research conducted at the center should address production issues such as feed costs, reproduction efficiency and animal diseases.

“As we look down the road, animal agriculture has tremendous potential in North Dakota,” Doan said. “We need to help the next generation stay in business and to help feed the world. We need to adapt to changing agriculture.”

Meantime, Eddie Dunn, vice chancellor of the North Dakota University System, described the center as a significant step in putting the Interim Committee on Higher Education’s “Report of the Roundtable—A North Dakota University System for the 21st Century” into action. The report was the work of 21 legislators and 40 state leaders, and it presented a plan to link the university system with the state’s economic vitality.

“I want to compliment all the people who made this facility happen. I believe it’s a firm, physical example that NDSU is doing its part to create the brighter future for North Dakota that we all envision,” Dunn said.

State of the University rescheduled

President Joseph A. Chapman will deliver the State of the University Address at 12:30 p.m. Thursday, Oct. 18, in Festival Concert Hall.

Homecoming parade time set

The annual NDSU Homecoming parade is scheduled for 10 a.m. Saturday, Oct. 20. The parade route will be along North University Drive from 19th Avenue North to 12th Avenue North. That section of North University Drive will be closed during the event. For further information, contact Megan O’Rourke, Homecoming parade chair, at the Campus Attractions office at 1-7221.

Institute for Regional Studies closing announcement

The Institute for Regional Studies will close for the day at 2:45 p.m. Wednesday, Oct. 3. The institute will hold a class at that time.

Next Issue

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UND and NDSU to receive \$6 million NIH grant for biomedical research

North Dakota's Congressional delegation announced Sept. 24 that the National Institutes of Health (NIH) have awarded a \$6 million grant to the University of North Dakota and NDSU to further develop biomedical research in the state.

Sen. Byron Dorgan, Sen. Kent Conrad and Rep. Earl Pomeroy said the universities will receive the funding over three years to establish a biomedical research network in North Dakota that will allow researchers to share resources between campuses. The grant also will be used to develop an outreach program aimed at recruiting new biomedical scientists and federal research dollars to North Dakota.

"North Dakota is home to some fine institutions of learning and research, yet traditionally the federal research dollars have gone elsewhere," the Congressional delegation said in a joint statement. "Through this new network provided for in this grant, our state will be able to grow our research industry, creating new jobs and research opportunities for our state."

"The new network will enable North Dakota researchers to address critical health issues facing the region and the nation," said Dr. H. David Wilson, dean of the UND School of Medicine and Health Sciences. "It will allow us to attract bright young researchers to further build the state's research enterprise, an important element in economic development."

Mark Sheridan, project director at NDSU, said, "This effort to enhance biomedical research is part of an overall strategy to increase the state's science and technology base. Building North Dakota's research capacity will lead to expanded economic opportunity through improved education and technology transfer."

The grant also will support educational programs such as bioinformatics workshops, a statewide scientific conference, a newsletter and a Web site highlighting biomedical science in the state. University officials said they hope to attract more students to careers in the biomedical sciences to meet the expected growth of North Dakota's biomedical industry.

The grant is the newest component of the Experimental Program to Stimulate Competitive Research (EPSCoR), the federal initiative aimed at bolstering states where research historically has been under-funded.

'State of the Faculty' conference held

The Council of College Faculties (CCF) sponsored the State of the Faculty conference at the University of North Dakota Sept. 21-22. Faculty, administrators and members of the State Board of Higher Education attended the conference to discuss issues of faculty governance. Keynote speakers Joseph Massey, University of Minnesota's Faculty Consultative Committee, and Daniel Georgianna, AFT representative from the University of Massachusetts, spoke on communication, structure and policy issues.

Current CCF projects include drafting an intellectual property policy in conjunction with the Academic Affairs Committee, and pursuing ways to address faculty compensation.

For more information, contact NDSU representatives Ann Burnett at Ann.Burnett@ndsu.nodak.edu or Wade Hannon at Wade.Hannon@ndsu.nodak.edu.

NDSU vs. UND rivalry highlighted on Web site

The NDSU Archives is using its Web site to share some history about the Bison football team's longtime rivalry with the University of North Dakota. The site features a photo of the initial NDSU football team, then called the North Dakota Agricultural College "Farmers," and newspaper accounts of the first two games played against UND in 1894.

"Since we play at UND on Oct. 6, we thought it might be something of interest for anybody who is familiar with the rivalry," said archivist Michael Robinson, noting that the materials came from the papers of H.L. Bolley, one of NDSU's first professors. "The rivalry dates back more than 100 years. It's what college is supposed to be—the faculty and students all get involved. It's just good fun."

The intense rivalry between the schools has been highlighted by controversy from the beginning. Newspapers clearly had different perspectives on the first game, won by the "Farmers" by a score of 20-4 on Nov. 5, 1894.

According to the Fargo Forum and Daily Republican, "The playing in this game was spirited and heavy, showing that the A.C. team had in the past week's practice reached the point of a true team game, and had lost its previous poor method of handling the ball."

However, the UND Student's account said, "The Agricultural College team played Prof. Hinebaugh (sic)—in violation of the agreement made between their manager and Manager Brennan, that the teams should be composed of undergraduates." The Grand Forks Herald wrote, "The Agricultural College professors are doing good work—on the football field—when assisted by the referee."

A week later, the Fargo team again defeated the Grand Forks squad, this time by a score of 24-4. "The Agricultural College football team now holds the inter-collegiate state championship," the Fargo newspaper reported.

But the UND Student saw the tilt in a much different light. "The ground was in bad shape, there being some two inches of mud," the account states. It also noted that "the game was played under protest."

The team picture and newspaper reports can be found at www.lib.ndsu.nodak.edu/archives/football/index.html.

Mortar Board chapter receives award

The NDSU Mortar Board chapter received the Silver Torch Award during the honor society's national conference in Columbus, Ohio, July 28. Only 28 chapters received the honor out of more than 200 chapters nationwide.

The award recognizes chapters that successfully meet all the chapter minimum standards for the year, turn in all report forms and clear their account by June 1.

According to Dana L. Viglietta, Mortar Board national office communications coordinator, "We wanted to commend the leadership and dedication that the 2000-01 Mortar Board chapter demonstrated. The chapter members achieved great success in their quest to fulfill the Mortar Board ideals of scholarship, leadership and service."

Founded in 1918, Mortar Board is a national honor society that recognizes college seniors for distinguished ability and achievement. The organization has 209 chapters across the nation and more than 230,000 initiated members.

Dental insurance open enrollment announced

The annual enrollment for ReliaStar Voluntary Group Dental Insurance will be held during October. All application forms must be submitted to Human Resources, 205 Old Main, by Oct. 31. Forms received after that date will not be accepted by ReliaStar.

The insurance will become effective Jan. 1, 2002. The first premium will be withheld Dec. 31.

The rates are increasing and will automatically change for all employees on Dec. 31. New premiums are as follows:

- Employee only \$27.72
- Employee and spouse \$53.40
- Employee and child(ren) \$62.16
- Family \$87.84
(Employee, spouse and children)

Forms are available in the Office of Human Resources, Old Main 205, or by calling 1-8961.

People

Balaz appointed QSARM officer

Stefan Balaz, associate professor of pharmaceutical sciences, was selected as an officer for the Quantitative Structure-Activity Relationships and Modeling Society at a QSARM conference held recently in Tilton, N.H.

Balaz will serve as treasurer and also is responsible for maintaining the society's Web site (www.qsar.org). He will be involved in developing the society's budget and activity planning.

Established in 1989, QSARM is a worldwide organization for education and research in the area of rational design of biologically active compounds such as human and veterinary drugs, disinfectants, herbicides, and pesticides, and in modeling the environmental fates of pollutants.

Its approaches combine molecular modeling methods with mathematical simulation of dynamic processes and statistical techniques in order to develop better biologically active compounds faster, and to understand chemico-biological interactions.

QSARM has approximately 800 members representing academia and industry worldwide.

Balaz also is on the editorial board of the society's publication, "Quantitative Structure-Activity Relationships." "Participation in these functions provides me with the chance to keep pace with the newest developments and ideas in the field, bring them to NDSU, and influence the direction of research in computer-aided molecular design," Balaz said.

NDSU delegates attend Golden Key convention

The NDSU chapter of the Golden Key National Honor Society sent two delegates to the organization's international convention Aug. 9-12 in Dallas. Senior Alison Holtan, vice president of social, and Bonnie Cooper, chapter adviser and Graduate School disquisition editor, were among the approximately 1,200 members in attendance.

Cooper presented the workshop, "Branding Your Chapter's Reputation: Outstanding Recognition Receptions," outlining one of the NDSU chapter's successful activities.

The NDSU chapter also had a display about recognition receptions at the Chapter Activity File Exchange luncheon event, allowing 30 chapters to share ideas about chapter activities and service projects with other chapters.

Golden Key was founded at Georgia State University in 1977, and recognizes students in all academic fields for their accomplishments. Juniors and seniors with a grade point average of 3.3 and higher are invited to join. The society has 317 chapters in Australia, New Zealand, Puerto Rico, Canada, the Virgin Islands, Malaysia, South Africa, England and the United States. The NDSU chapter was chartered in 1996.

Kaplinger's work in Plains Art Museum exhibit

"Percentages" and "Inventive Risk," two works of art by Kent Kaplinger, assistant professor of art, have been chosen for inclusion in "Art on the Plains 2001: 4th Annual Regional Juried Exhibition," at the Plains Art Museum, Fargo, through Jan. 13, 2002.

Kaplinger's pieces, along with those of four other artists, were chosen by exhibition juror John Christakos, president of Blu Dot, a Minneapolis furniture company.

Volleyball team visits kids' cancer camp



Volleyball team and campers

The NDSU women's volleyball team spent an evening with attendees of Kamp KACE (Kids Against Cancer Everywhere), at Lake Trowbridge, Minn., in August.

Players and coaches stayed overnight with campers in their cabins, attended a camp dance and participated in several other camp activities.

Kamp KACE is a weeklong summer camp for children ages 6 to 20 who have cancer, and their siblings between 8 and 20 years old.

Engineering and architecture announce new faculty

Several new faculty members have joined the College of Engineering and Architecture. All started fall semester unless otherwise noted.

Oc-Hyn Cho has joined the industrial and manufacturing engineering department as assistant professor. He teaches engineering economics, cost engineering, information systems design and integrated product engineering. Cho has a master's degree in manufacturing engineering from Carnegie Mellon University.

Reza N. Jazar, assistant professor of mechanical engineering, teaches classes in dynamics and vibration. Prior to his appointment at NDSU, Jazar spent more than a year as a postdoctoral fellow working on nonlinear vibration isolation systems at the University of Waterloo in Canada, and was engineering department head at Mehand Hydraulic Engineering Co., Tehran, Iran. Jazar holds bachelor's and master's degrees in mechanical engineering from the Amirkabir University of Technology and a doctorate in mechanical engineering from Sharif University of Technology in Iran.

Nadja Palenzuela, assistant professor of architecture, joined the faculty after working as an architect in the private sector on the east coast. She received a master's degree in architecture from the University of Florida, Gainesville.

Valery R. Marinov joined the industrial and manufacturing engineering department as associate professor in January. Marinov spent eight years as a manufacturing engineer in the steel industry, and six years on the faculty of Eastern Mediterranean University in northern Cyprus. He holds a doctorate in mechanical engineering from the Technical University of Sofia in his native Bulgaria. Marinov teaches manufacturing processes, composites manufacturing, tool engineering, process modeling and virtual manufacturing.

Also joining the faculty are Tang-Hung Nguyen, assistant professor of construction management engineering, G. H. Nazari, lecturer in mechanical engineering, and Mark Schroeder, assistant professor in electrical and computer engineering.

Physics lab tech Opdahl dies



Opdahl

James Opdahl, laboratory technician in physics, died Saturday, Sept. 8. Opdahl served as the physics lab technician for 24 years.

Graduate student Bin Lu said, "Jim was the most genuine person I have ever met. He was not afraid to display his emotions in front of people, whether he was joyous, anxious or angry."

Opdahl is survived by his wife, Barbara; and one son, David, both of West Fargo; his mother, three brothers and three sisters.

Events

Counseling and Disability Services to offer depression screening

A free depression screening program, sponsored by Counseling and Disability Services, is scheduled for noon-1 p.m. Thursday, Oct. 11, in the Memorial Union Century Theater.

NDSU and several other college counseling centers across the country will offer the free services as part of the National Depression Screening program. The screening includes an educational video presentation, an anonymous written self-test, the opportunity to meet with a mental health professional, free informational materials on depression and other mental illnesses and a referral if indicated. All screenings are confidential. Those who show symptoms of depression will be encouraged to make an appointment for a full evaluation.

Common symptoms of depression include feelings of hopelessness, worthlessness, restlessness and irritability; changes in sleep and appetite; loss of energy; and thoughts of death or suicide. Manic-depression includes feelings of euphoria or agitation.

Free screenings also will be available from 8 a.m.-5 p.m. Monday, Oct. 8-Friday, Oct. 12, in the Counseling Center, and from 1-5 p.m. Monday Oct. 8, Tuesday, Oct. 9, Thursday, Oct. 11, and Friday, Oct. 12, in the Wellness Center. Appointments are suggested but not necessary, and can be made by calling Counseling and Disability Services at 1-7671.

According to the National Institute of Mental Health, depression and manic-depression affect more than 17 million Americans each year. Although treatment can help nearly 90 percent of those affected, less than half actually seek treatment.

For more information or questions, contact Marlys in the Counseling and Disability Services office at 1-7671.

'Picture North Dakota' featured at NDSU Libraries

"Picture North Dakota" is on display at the NDSU Main Library's first floor through Dec. 23. The exhibit, organized by the State Historical Society to help commemorate its 100th anniversary in 1995, represents a day in the life of North Dakota.

The display features the work of 100 volunteers across the state who took 3,500 photographs of community life. The pictures range from fairs, fieldwork and weddings to picnics, ball games and Main Street shopping.

In 1997, the project received a Certificate of Commendation from the American Association of State and Local History. The award is given annually to organizations advancing the practice of local history in the United States and Canada.

"Picture North Dakota" is part of the Historical Society of North Dakota's traveling exhibits program. For more information, contact Shawn F. Holz, the society's curator of exhibits, at (701)328-2666 or sholz@state.nd.us, or Michael M. Miller, NDSU Libraries, at 1-8416 or Michael.Miller@ndsu.nodak.edu.

NDSU Homecoming week schedule announced

The following 2001 Homecoming schedule includes NDSU Alumni Association and Development Foundation events as well as some campus events. If no phone number is listed, call the NDSU Alumni Association at 1-6800 for more information.

Monday, Oct. 15

- Student and alumni bonfire, 7 p.m., west of Van Es Field. For more information, call the student activities office at 1-7787.

Tuesday, Oct. 16

- Volleyball vs. South Dakota State University, 7 p.m., Bentson Bunker Fieldhouse. Tickets are available by contacting the NDSU ticket office at 1-6378, or www.gobison.com.

Friday, Oct. 19

- Bison Athletic Hall of Fame Luncheon, 11 a.m., Fargo Holiday Inn. Tickets are \$15 per person. Call NDSU sports information at 1-7197 for details.
- Orientation leader reunion and social, 5:30-7 p.m., Memorial Union. For more information call the Office of Orientation and Student Success at 1-8379.
- Alumni honors social and dinner recognizing outstanding alumni, 6 p.m., Fargo Holiday Inn. Tickets are \$30 per person.
- Student government reunion social and dinner, 6 p.m., Alumni Center Atrium
- Blue Key homecoming show and coronation, 7:30 p.m., Festival Concert Hall. Entertainment will be provided by student groups. Tickets are \$4 in advance and \$5 at the door.
- All-alumni and friends social, 9 p.m., Fargo Holiday Inn. Free admission.

Saturday, Oct. 20

- Orientation and Student Government reunion breakfast, 8:30-10 a.m., Alumni Center
- Alumni Center open house, 9 a.m.-4 p.m. Refreshments will be served.
- Parade, 10 a.m., North University Drive. Includes homecoming king and queen, Gold Star Concert Band and various floats. For more information, contact the student activities office at 1-7787.
- Pep rally and bison feed, 11 a.m.-1 p.m., Bison Sports Arena. Tickets are \$6 for adults and \$3.50 for children under 10, and are available at the door. More than 1,700 alumni and friends are expected to attend. Includes entertainment by the Gold Star Concert Band and NDSU alumni band, face painting and a clown.
- Soccer vs. University of Northern Colorado, 11 a.m., Ellig Sports Complex. Tickets are available by contacting the NDSU ticket office at 1-6378, or www.gobison.com.
- Football vs. South Dakota State University, 1:30 p.m., Fargodome. Tickets are available by contacting the NDSU ticket office at 1-6378, or www.gobison.com.
- Bison Bidders Bowl, 6 p.m., Fargo Holiday Inn. The auction, sponsored by the NDSU Development Foundation, includes cash and gifts valued at more than \$225,000 auctioned and raffled to benefit the university. Advanced reservations are required. For more information, call the Development Foundation at 1-6844.

Community work group meeting set

A meeting of the School of Education Community Work Group is scheduled for 11 a.m. Friday, Oct. 19, in Ceres 312. The meeting is expected to last approximately one hour.

The group was formed in October 2000 in support of the School of Education and its increased emphasis on the recruitment and retention of multicultural faculty and students. NDSU students and faculty, community leaders and other interested community members also have joined the effort.

The community group and its partner, the School of Education Work Group, created a five-year work plan. The plan includes yearly goals and objectives, and program evaluation and suggested program improvement processes.

The meeting is open to all interested faculty, student and community members.

Brown Bag Seminar on GLBT issues scheduled

The YMCA of NDSU has scheduled a Brown Bag Seminar, "Ten Percent Society in the F-M Community," for noon Wednesday, Oct. 10, in the Memorial Union Peace Garden Room.

A student panel will discuss how gay, lesbian, bisexual and transgender issues are related to all minority issues through oppression, and will share their experiences in the community and on campus.

The seminar is free and open to the public. For more information, call 1-5225.

United Way seeks volunteers for 'Day of Caring'

Volunteers are needed for the 10th annual Day of Caring sponsored by United Way of Cass-Clay, scheduled for Thursday, Oct. 11. Registration, lunch and a brief program will start at 11:30 a.m. in the Bison Sports Arena, with service projects running from 1-5 p.m.

Teams of three to five people will be sent to homes of senior citizens in the area to help with a variety of projects such as yard work, cleaning, painting or minor repairs.

To volunteer for the Day of Caring, contact Kara Stack, assistant director of campus programs, at 1-8566 or Kara.Stack@ndsu.nodak.edu, by 4 p.m. Thursday, Oct. 4.

Shorts and Reminders

Food production management meal

"A Taste of Italy" meal is scheduled for noon Tuesday, Oct. 9, in the lower level of West Dining Center. The menu includes chicken fettucine alfredo, Caesar salad, broccoli cuts, breadsticks and ice cream with chocolate syrup. The cost for the meal is \$5.60, or free to those on a meal plan.

Union Food Court specials for Oct. 3-Oct. 10

Soup of the day

Wednesday: vegetable beef and baked potato
 Thursday: southwestern chicken chili and tomato rice
 Friday: chicken tortellini and seafood chowder
 Monday: beer cheese and lentil
 Tuesday: cream of potato and chicken noodle
 Wednesday: broccoli cheese and egg drop

The Corner Deli

Wednesday: ham
 Thursday: pastrami
 Friday: chicken
 Monday: ham
 Tuesday: roast beef
 Wednesday: chicken Caesar wrap

A La Carte

Wednesday: spaghetti and meatballs
 Thursday: chicken strips
 Friday: Swedish meatballs
 Monday: chicken lasagna
 Tuesday: pork chop suey
 Wednesday: hot roast beef sandwich

Pizza Express

Wednesday: once around the kitchen
 Thursday: bacon cheeseburger
 Friday: taco
 Monday: barbecue shredded beef
 Tuesday: Southwestern chicken
 Wednesday: farmhouse

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 to check out all of our 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 screening dates through the Office of Human Resources, Room 205, Old Main:

Administrative Secretary/#1947
 Ag and Biosystems Engineering
 \$20,000+/year
 Oct. 4

Administrative Secretary/#2411
 Management, Marketing and Finance
 \$21,000 minimum/year
 Oct. 10

Heating Plant Operator (entry level)
 Physical Plant
 \$20,675+/year
 Oct. 4

Heating Plant Operator (entry level)
 Full-time, seasonal position; seven months; rotating shifts
 Physical Plant
 \$9+/hour
 Oct. 6

Timecard Custodian
 Five-month, temporary position; may lead to full-time, benefited
 5 a.m.-1:30 p.m.; M-F
 Physical Plant
 \$16,332/year
 Oct. 9

Buffet Helper/Server
 Nine months; 20 hours/week
 9 a.m.-1 p.m.; M-F
 Dining Services-Memorial Union
 \$6.75/hour
 Open until filled

Catering Attendant
 12 months; 20 hours/week
 Primarily M-F; some evening and weekends
 Dining Services-Memorial Union
 \$6.75/hour
 Open until filled

Lead Food Service Worker/#1178
 10 months; 40 hours/week
 11:30 a.m.-8 p.m.; M-F, weekends as necessary
 Dining Services-West Dining Center
 \$7.25/hour
 Open until filled

Stewardship Specialist/#5176
 ND Forest Service-Bismarck, N.D.
 \$26,759 minimum/year
 Oct. 26

Pharmacist (Per Diem)
 Student Health Service
 Salary commensurate with experience
 Open until filled

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

Research Opportunities

The Office of Sponsored Programs Administration in Old Main 201K announces the following funding opportunities and deadlines. For more information, refer to the web site or contact person provided with each listing. For information about other grant opportunities, you may conduct an online funding search via SPIN, available at www.ndsu.nodak.edu/research/funding/spinplus.shtml.

Office of Naval Research Postdoctoral Fellowship Program

Contact: Program Manager, Noah Weiss-(202) 331-3509

Deadlines occur four times per year: Jan. 1, April 1, July 1 and Oct. 1

The Office of Naval Research (ONR) sponsors a Postdoctoral Fellowship Program at a number of Naval research and development centers and laboratories. The program is designed to significantly increase the involvement of creative and highly trained scientists and engineers from academia and industry to scientific and technical areas of interest and relevance to the Navy. There is also a special initiative to increase the number of women postdoctoral participants in the program. This initiative provides supplemental funding to the participating ONR labs from ONR HQ to assist in funding women postdoctoral candidates. Fields include acoustics; hydrodynamics; aerodynamics; astrophysics; electronic devices; biotechnology; oceanography; communications, command control and intelligence; computer hardware and software; materials; target detection; weaponry; signal processing; simulation; biomedicine; training; manufacturing; construction; and logistics.

National Science Foundation Cyber-Service Training

www.nsf.gov/pubs/2001/nsf01167/nsf01167.htm

Deadlines: Nov. 7 for letters of intent; Dec. 19 for proposals

The NSF is inviting applications to increase universities' capacity to produce professionals in information technology assurance and security fields. The scholarship track provides funding to colleges and universities for scholarships in information assurance and computer security. Recipients are required to work for a federal agency for two years. The capacity-building track provides funds to improve the quality and increase the production of information assurance and computer security professionals through faculty and program development. Awards range up to \$100,000 per year for two years.

National Science Foundation Nanoscale Science and Engineering

www.nsf.gov/pubs/2001/nsf01157/nsf01157.html

Deadline: Dec. 19

NSF will fund two types of projects, nanoscale interdisciplinary research teams and nanoscale exploratory research. The initiative focuses on seven high-risk areas: biosystems at the nanoscale; nanoscale structures, novel phenomena and quantum control; nanoscale devices and system architecture; nanoscale processes in the environment; multi-scale multi-phenomena theory, modeling and simulation at the nanoscale; manufacturing processes at the nanoscale; and societal and education implications of scientific and technological advances on the nanoscale.

DoD-Defense Advanced Research Projects Agency Biomolecular Motors

www.darpa.mil/dso/textonly/solicitations/01/baa01-47/download.htm

Deadline: Jan. 15 (teaming workshop Oct. 22)

The Defense Advanced Research Projects Agency is inviting proposals to develop and demonstrate technology leading to novel devices incorporating biomolecular motors-nature's nanomachines that can convert chemical energy into mechanical work. Applications of interest include: self-fueled lab on a chip diagnostics; hybrid power sources for robotic devices; perpetual physiological monitoring; drug delivery; tissue regeneration and repair; and prosthetic devices. By the end of the program, DARPA expects to have identified, fabricated and evaluated several prototype or laboratory-scale devices.

Department of Commerce Satellite Data to Study Local, Regional Phenomena

www.access.gpo.gov/nara/index.html

Deadline: Oct. 25

The Commerce Department's National Oceanic and Atmospheric Administration is inviting applications for research projects that propose to use satellite data for the study of scientific phenomena in local and regional areas. The program provides free real-time satellite data to academic institutions for use in studying local and regional phenomena; data and funds to purchase basic equipment needed for analysis as part of an existing program or teaching laboratory; and data to support student involvement in research.

Calendar

October

- Through Oct. 3 Studio/Scholarship Recipient Exhibition, 10 a.m.-5 p.m., Monday-Friday, Reineke Visual Arts Gallery.
- Through Oct. 5 Memorial Union Gallery—"A Celebration of North Dakota," exhibit by photographer, Leo Kim.
- 3 YWCA of NDSU—Brown Bag Seminar, "Multiculturalism Works: Making Ethnic Diversity a Professional Asset," noon-1 p.m., Memorial Union Peace Garden Room.
- 3 Soil Science—Mohamed Kahn, assistant professor, "One Year in the Life of a Sugar Beet Specialist," and Dave Franzen, assistant professor, "Use of Whole-Field Research to Speed Adoption of Cropping Practices," 3 p.m., Walster 217
- 3 Cultural Awareness Month event—Lori Horvik, assistant professor of theater arts, "Where Did That Idea Come From?" 4:30-6:30 p.m., Memorial Union Century Ballroom
- 4 Entomology—Jeff Stuart, Purdue University, "Hessian Fly Avirulence Genes, Sex Determination and a Physical Genetic Map," 1 p.m., Northern Crop Science Laboratory conference room
- 4 NDSU Women's Club—Welcome reception hosted by Gale Chapman, 6:30-8 p.m., Alumni Center. President Joseph A. Chapman is scheduled to speak at approximately 7 p.m.

- 4 Faculty recital—Robert Jones, baritone, and Andrew Froelich, piano, 7:30 p.m., Beckwith Recital Hall. Free admission. (Rescheduled from Oct. 11)
- 4 Cultural Awareness Month event—“Off to the Races,” 7:30 p.m., Askana Hall Walsh Studio
- 5-Nov. 5 NDSU Visual Arts Alumni Exhibition, 10 a.m.-5 p.m., Monday-Friday, Reineke Visual Arts Gallery
- 5 Animal and Range Sciences—Korry Hintze, graduate student, “Regulation of Thioredoxin Reductase: Evidence of Induction through the Antioxidant Response Element,” 3:30-4:20 p.m., Hultz 104
- 5 Plant Science—Jose Bruniard, “Inheritance of Imidazolinone Resistance, Characterization of Cross-Resistance Pattern, and Identification of Molecular Markers in Sunflower (*Helianthus annuus* L.),” 3:30 p.m., Loftsgard 114
- 5 Psychology—Michael D. Robinson, assistant professor, “I Always Have Something to Say,” 3:30-5 p.m., Minard 209
- 5 Volleyball vs. Nebraska-Omaha, 7 p.m., Bentson Bunker Fieldhouse
- 6 Lively Arts Series performance, “Luma,” 7 p.m., Festival Concert Hall. Tickets available by calling 1-8458.
- 6 Football vs. UND, 1:30 p.m., Grand Forks
- 6 Volleyball vs. Northern Colorado, 7 p.m., Bentson Bunker Fieldhouse
- 6 Soccer vs. Morningside, 1 p.m., Ellig Sports Complex
- 7 Soccer vs. University of South Dakota, 1 p.m., Ellig Sports Complex
- 8 Cultural Awareness Month event—“Distorted Images,” documentary, 7 p.m., Memorial Union Century Theater. Discussion and refreshments follow the film.
- 9-19 Student Art Society—R.J. Woodland Tool Box Collection exhibit, Memorial Union Gallery
- 10 YMCA of NDSU—Brown Bag Seminar, “Ten Percent Society in the FM Community,” noon, Memorial Union Peace Garden Room
- 10 Soil Science—Robert Todd, professor, “An Integrated Approach to Control Fusarium Head Blight in Wheat and Barley,” 3 p.m., Walster 217
- 11 Entomology—David Branson, USDA-ARS, Sidney, Mont., “Effects of Livestock Grazing on Grasshopper Population Dynamics and Rangeland Vegetation During a Grasshopper Outbreak,” 1 p.m., Northern Crop Science Laboratory conference room
- 12 Plant Science graduate seminar—Todd Wehking, “Effect of Fertilizer and Rotation on Soybean Cyst Nematode Management,” 3:30 p.m., Loftsgard 114
- 12 Psychology—James R. Council, professor/chair, “Brass Instrument Psychology: 19th Century Laboratory Apparatus,” 3:30-5 p.m., Minard 209
- 13 Volleyball vs. Winona State, 1 p.m., Bentson Bunker Fieldhouse
- 15 Cultural Awareness Month event—Fajita Fiesta buffet lunch, 11 a.m.-1 p.m., Alumni Center. Tickets are \$6 and are available at International Programs and Multicultural Student Services.
- 15 Fall Choral Concert, 7:30 p.m., Festival Concert Hall. Tickets are \$4 for adults and \$2 for students and seniors.
- 16 Volleyball vs. South Dakota State, 7 p.m., Bentson Bunker Fieldhouse
- 17 YMCA of NDSU—Brown Bag Seminar, “What’s the Big Deal About Underage Drinking?—Community Perspectives and Solutions,” noon, Memorial Union Peace Garden Room
- 17 Soil Science—Frank Casey, assistant professor, “Soil Physics Field Research at Oakes, N.D.,” 3 p.m., Walster 217
- 18 Entomology—John Weber, Nevis, Minn., “An Appreciation of Northern Butterflies: Photography and Insect Counts,” 1 p.m., Northern Crop Science Laboratory conference room
- 18 Office of Admission—Discover NDSU, 9 a.m. and 1 p.m., Memorial Union, third floor
- 19 Office of Admission—Discover NDSU, 9 a.m., Memorial Union, third floor
- 19 Psychology—Kathy Enger, social science librarian, “What’s New in Information,” 3:30-5 p.m., Minard 209
- 19 Alumni Honors Dinner, 6 p.m., Fargo Holiday Inn
- 19 NDSU Visual Arts Alumni Exhibition reception, 7-8 p.m., Reineke Visual Arts Gallery
- 20 Alumni Center open house, 9 a.m.-4 p.m., Alumni Center
- 20 Homecoming parade, 10 a.m., North University Drive
- 20 Bison pep rally, 11 a.m.-1 p.m., Bison Sports Arena
- 20 Football vs. South Dakota State (Homecoming), 1:30 p.m., Fargodome
- 20 Soccer vs. Northern Colorado, 11 a.m., Ellig Sports Complex
- 20 Bison Bidders Bowl, 6 p.m., Fargo Holiday Inn
- 21 Soccer vs. University of Nebraska Omaha, 1 p.m., Ellig Sports Complex
- 22 Cultural Awareness Month event—Screening of the film, “Double Happiness,” 7 p.m., Memorial Union Century Theater
- 23-Nov. 19 Native American Student Association—“Powwow: Native American Celebration” exhibit. Fine craft demonstrations 10 a.m.-4 p.m. Thursdays and 10 a.m.-6 p.m. Fridays, Alumni Lounge.
- 23 YMCA of NDSU—Brown Bag Seminar, “Wellness for Life: NDSU Wellness Center,” 12:30 p.m., Memorial Union Peace Garden Room

- 25 Entomology—Steven Seybold, University of Minnesota, “Pine Bark Beetles: Chemical Ecology and Host Plant Biochemical Interactions,” 1 p.m., Northern Crop Science Laboratory conference room
- 25 Free NDSU staff preview night of Little Country Theater’s, “The Importance of Being Earnest,” 7:30 p.m., Askanase Auditorium
- 26-28 Little Country Theater production “The Importance of Being Earnest,” 7:30 p.m. Friday-Saturday; 2 p.m. Sunday, Askanase Auditorium. For tickets, call the Division of Fine Arts Box Office at 1-9442.
- 26 Plant Science graduate seminar—Shannon Oltmans, “Consumer Influence on Biotech,” 3:30 p.m., Loftsgard 114
- 26 Psychology—Christine Malone, assistant professor, “Phonological Priming and Lexical Access in Spoken Word Recognition,” 3:30-5 p.m., Minard 209
- 26 Jazz Ensembles concert, 7:30 p.m., Festival Concert Hall. Tickets are \$4 for adults and \$2 for students and seniors.
- 26 Volleyball vs. St. Cloud State, 7 p.m., Bentson Bunker Fieldhouse
- 26 Fargo-Moorhead Civic Opera, “Die Fledermaus,” 8 p.m., Fargo Theater
- 26 Cultural Awareness Month event—“Mid-Autumn Festival and Asian American Celebration,” 9 p.m.-1 a.m., Memorial Union Cul-de-Sac lounge
- 27 Community pumpkin carving contest, 1-4 p.m., Art Building. Pumpkins (while they last), art supplies and refreshments provided at no charge.
- 27 Volleyball vs. Minnesota State University Mankato, 7 p.m., Bentson Bunker Fieldhouse
- 28 Gold Star Marching Band concert, 2 p.m., Festival Concert Hall. Tickets are \$4 for adults and \$2 for students and seniors.
- 28 Fargo-Moorhead Civic Opera, “Die Fledermaus,” 2 p.m., Fargo Theater
- 31 YMCA of NDSU—Brown Bag Seminar, “Your American Indian Heritage: What Every Native Person Should Know,” noon-1 p.m., Memorial Union Peace Garden Room
- 31 Soil Science—James Staricka, associate soil scientist, “The WREC Annual Legume Study and Other Projects,” 3 p.m., Walster 217
- 1 Entomology—Brian Wisenden, Minnesota State University Moorhead, “Scents of Danger: Assessment of Predation Risk by Aquatic Animals,” 1 p.m., Northern Crop Science Laboratory conference room
- 2 Office of Admission—Discover NDSU, 9 a.m. and 1 p.m., Memorial Union, third floor
- 2 Harvest Bowl dinner, 6 p.m., Fargo Holiday Inn
- 2 Plant Science graduate seminar—Nadejda Krasheninnik, “Physical versus Molecular Mapping,” 3:30 p.m., Loftsgard 114
- 2 Native American Student Association—“Powwow: Native American Celebration” reception and performances, 4-6 p.m., Memorial Union Gallery.
- 3 Office of Admission—Discover NDSU, 9 a.m. and 1 p.m., Memorial Union, third floor
- 3 Football vs. University of Nebraska-Omaha (Harvest Bowl), 1:30 p.m., Fargodome
- 3-4 Fall Baroque Festival featuring the NDSU Concert Choir—Handel’s Messiah, 7:30 p.m. Saturday and 2 p.m. Sunday, Festival Concert Hall. Tickets are \$15 for adults, \$12 for seniors and \$8 for students.
- 6 Volleyball vs. University of North Dakota, 7 p.m., Bentson Bunker Fieldhouse
- 7-14 Baccalaureate exhibition—Marla Yellow Bird, 10 a.m.-5 p.m., Monday-Friday, Reineke Visual Arts Gallery
- 7 YMCA of NDSU—Brown Bag Seminar, “Terrorism Attack on the United States,” noon, Memorial Union Prairie Rose Room
- 8 Woodwind Chamber Night, 7:30 p.m., Beckwith Recital Hall. Free admission.
- 8 Entomology—Jeff Vaughan, UND, “Mosquito-borne Parasites Can Facilitate the Transmission of Mosquito-borne Viruses,” 1 p.m., Northern Crop Science Laboratory conference room
- 9 Plant Science graduate seminar—Ines Rothe, “Consequences of Biodiversity for Agriculture and Natural Ecosystems,” 3:30 p.m., Loftsgard 114
- 9 Volleyball vs. National American, 7 p.m., Bentson Bunker Fieldhouse
- 10 Marla Yellow Bird exhibition reception, 7:30-8:30 p.m., Reineke Visual Arts Gallery
- 14 YMCA of NDSU—Brown Bag Seminar, “Sexual Harassment? Insuring a Healthy Campus Climate,” noon, Memorial Union Peace Garden Room
- 14 Lively Arts Series performance, “Late Night Catechism,” 7 p.m., Festival Concert Hall. Tickets available by calling 1-8458
- 15 Entomology—Larry Charlet, USDA-ARS, Fargo, “Sunflower Entomology: The Challenge of Developing Management Strategies for Native Insect Pests,” 1 p.m., Northern Crop Science Laboratory conference room

November

- 1-3 Little Country Theater production “The Importance of Being Earnest,” 7:30 p.m. Friday-Saturday; 2 p.m. Sunday, Askanase Auditorium. For tickets, call the Division of Fine Arts Box Office at 1-9442.

- 15 Faculty Jazztet Concert, 7:30 p.m., Beckwith Recital Hall. Free admission.
- 16 Jazz Combos Concert, 7:30 p.m., Beckwith Recital Hall. Free admission.
- 16 Plant Science graduate seminar—Guillermo VanBecelaere, “Phenotypic versus Marker Assisted Selection,” 3:30 p.m., Loftsgard 114
- 16-21 Baccalaureate exhibition—Lottie Young, 10 a.m.-5 p.m., Monday-Friday, Reineke Visual Arts Gallery
- 18 Lottie Young exhibition reception, 1:30-2:30 p.m., Reineke Visual Arts Gallery
- 21-Dec. 19 Student Art Society—NDSU Juried Student Exhibition. Reception 4-6 p.m. Wednesday, Nov. 21, Memorial Union Gallery
- 26-Dec. 3 Baccalaureate exhibition—Brian Walker, 10 a.m.-5 p.m., Monday-Friday, Reineke Visual Arts Gallery
- 28 YMCA of NDSU—Brown Bag Seminar, “Facing AIDS: Struggles of Women and Their Families,” noon-1 p.m., Memorial Union Peace Garden Room
- 30 Plant Science graduate seminar—Chad Ingeman, “Real Used of GPS in Weed Science,” 3:30 p.m., Loftsgard 114 (rescheduled)

December

- 3 Brian Walker exhibition reception, 4:30-5:30 p.m., Reineke Visual Arts Gallery
- 7 Plant Science graduate seminar—Dwain Meyer, “Recent Advances in Alfalfa Management,” 3:30 p.m., Loftsgard 114 (rescheduled)
- 14 Plant Science graduate seminar—Shahryar Kianian, “Wheat Germplasm Enhancement,” 3:30 p.m., Loftsgard 114 (rescheduled)

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