

NDSU

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IT'S HAPPENING AT STATE

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President's Welcome salutes the start of fall semester

Hundreds of students, faculty and staff gathered for the annual President's Welcome Aug. 20 near NDSU's main gates to begin the fall semester.

President Dean L. Bresciani and Student Body President Luke Brodeur welcomed new students to NDSU and led them through the gates. The Welcome Week event is intended to greet new students and give them a chance to meet faculty, staff and students. The NDSU Gold Star Marching Band, Thundar, Cheer Team and Yell Leaders participated.

Brodeur gave advice to incoming students, encouraging them to "take your future into your own hands." He added, "I am tempted to say why NDSU is great, but I'll leave that to you to find out for yourselves over the next four years."

Bresciani noted NDSU's accomplishments, ranging from its top 100 national research status, NCAA athletics success and its standing as a student-focused, land-grant, research university. He then introduced Sarah Hansen, the first student to be admitted for the fall semester. A marketing major from Village of Lakewood, Ill., Hansen said she visited NDSU and fell in love with the campus. "I knew I could succeed in whatever I do," she said.



NDSU President Dean L. Bresciani and Sarah Hansen, the first student to be admitted for the fall semester, lead NDSU student leaders, faculty and staff members, and the incoming class through the university gates as part of the President's Welcome.

"When you find something you love, pursue it with all of the passion you can muster," Brodeur said.

Classes began Aug. 20.

NDSU's first-day enrollment tops 14,300

NDSU officials report another record first full-day enrollment of 14,319 in undergraduate, professional and graduate programs, compared with the fall 2011 first full-day count of 14,240. This is the seventh consecutive year that first full-day enrollment has increased. The official enrollment count, however, is not taken until four weeks into the semester.

NDSU has 3,231 new undergraduates with 2,474 freshman and 757 transfer students, increases of 1.2 percent and 7.7 percent, respectively, from 2011. There are 1,039 international students and 1,871 graduate students.

"This represents a purposefully moderated rate of growth," said President Dean L. Bresciani. "The size and makeup of the class are

just what we hoped for. Our entering class is exceptionally talented and enthusiastic, which fits perfectly with what's happening at NDSU."

NDSU first full-day enrollment reports also show approximately 95 percent of students are in face-to-face, traditional classroom-based courses, which maintains its position as the state's largest university in terms of both full-time undergraduate students and face-to-face enrollment. "NDSU continues to be the choice of students who want a traditional full-time college experience in a demanding research university environment," Bresciani said.

Official census numbers will be available Sept. 18.

NDSU www.ndsu.edu/ihas

News and events

As information becomes available, news and event updates will be located on the "News and Events" website at www.ndsu.edu/news.

Deadline set for Sept. 14 It's Happening at State

The next electronic issue of It's Happening at State will be posted Sept. 14 at www.ndsu.edu/ihas. Submissions for that issue are due Sept. 11.

NDSU closed for Labor Day

NDSU will be closed Sept. 3 for the Labor Day holiday.

Take Back the Night scheduled

The annual Take Back the Night rally and march are scheduled for Sept. 13 at 7 p.m. The event will begin in Festival Concert Hall before ending with a candlelight vigil at the Memorial Union.

NDSU unveils renovated Gate City Bank Auditorium



Gate City Bank President and CEO Steve Swiontek at the dedication of Gate City Bank Auditorium, formerly Stevens Hall, at NDSU.

Several hundred NDSU students, faculty and staff joined members of Gate City Bank to dedicate Gate City Bank Auditorium Aug. 20.

A \$500,000 gift from Gate City Bank to the NDSU Development Foundation renovated the former Stevens Hall Auditorium and created an endowment for ongoing maintenance. Improvements to the nearly 500-seat auditorium included new seats, lighting and carpet, easier access for people with disabilities and updated educational technology.

President Dean L. Bresciani said Gate City Bank stepped up once again for NDSU to improve one of the campus' largest and busiest auditoriums. "The breadth and results of Gate City Bank's gift are stunning and will impact students for a long time," he said.

A high school freshman when the auditorium was originally dedicated in 1968, Gate City Bank Chairman, President and CEO Steve Swiontek said he had several classes in the building upon entering NDSU in 1972. He said the partnership between the bank and NDSU supports the university's land-grant mission and status as an economic engine of North Dakota. "This gift is another example of the importance Gate City Bank places on giving back to the communities we serve," Swiontek said.

Bresciani said the renovation was designed for contemporary research university students. "Gate City Bank, thank you once again for investing in the state, university and students," he said.

NDSU Development Foundation President Jonal Uglem said, "The term 'dedication' really does reflect what Gate City Bank feels for this university and this community." She added the remodeling is "another step toward prioritizing the student learning environment."

NDSU's fall classes began later the same day of the ceremony. "We can now declare Gate City Bank Auditorium open for business," said Jim Miller, executive director of the NDSU Development Foundation. "Students will be coming in within hours to begin their first classes."

NDSU security report and fire safety report now available

The annual NDSU security report and fire safety report compliance document is available on the University Police and Safety Office website at www.ndsu.edu/police_safety/police/annualsecurityreport.

To receive a hard copy of the "Annual Security Report: 2012-2013 Personal Safety + Security on the NDSU Campus/Annual Fire Safety Report for NDSU Residence Life Housing Facilities," which contains this information, stop by the University Police Office in the Auxiliary Enterprise Building or request a copy to be mailed to you by calling 1-8998.

The website and booklet contain information regarding campus security and personal safety including topics such as: crime prevention, fire safety, university police law enforcement authority, crime reporting policies, disciplinary procedures and other matters of importance related to security and safety on campus. They also contain information about crime statistics concerning reported crimes that occurred on campus; in certain off-campus building or property owned or controlled by NDSU; and on public property within, or immediately adjacent to and accessible from the campus for the three previous calendar years.

This information is required by law and is provided by the NDSU University Police and Safety Office.

Students respond positively to late-night campus activities



Students provided positive feedback to a series of on-campus events, such as Club NDSU, designed to provide fun, late-night activities in support of students making low-risk decisions about alcohol use.

NDSU's late-night student activities are fulfilling their purpose, according to an assessment of 2011-12 events.

Late-night event attendance on campus reached 17,750 in 2011-12, with 1,588 students attending the first event of the year, a dance called Club NDSU. This year, 1,748 students attended the first Club NDSU dance on Aug. 18.

"Since the creation of Club NDSU, students have been able to enjoy a nightclub feel on campus," said Kim Bruemmer, assistant director of campus activities. "They have the opportunity to dance, play video games, use the Memorial Union recreation center for free and meet new people, all while enjoying great music. It really has turned into a great program that students look forward to each year."

Activities such as Club NDSU and other dances, game nights and free movies are sponsored by the Campus Live Program on Saturday nights throughout the school year. The goal is to provide fun, late-night activities on campus in support of students making low-risk decisions about alcohol use.

An assessment of 2011-12 Campus Live events showed:

- 73.5 percent of students who attended thought the events were substantially or somewhat better than going to a bar or party where alcohol is present.
- 66.6 percent of students who attended were likely or very likely to attend another late-night event on campus.
- Students who attended were more likely to abstain from drinking or to drink more moderately than the average NDSU student.

"I enjoy Club NDSU because it's a great way to keep me connected to campus when I'm not in class," said John Lynch, an NDSU student, concerts coordinator for Campus Attractions and Club NDSU participant.

The 2012-13 Campus Live schedule and event details are available at www.ndsu.edu/campuslive.

Campus Live is funded by the President's Council on Alcohol and Other Drugs in collaboration with the Memorial Union, Campus Attractions, Wallman Wellness Center, Division of Fine Arts, Residence Hall Association and the Division of Equity, Diversity and Global Outreach.

Mobile access available for Campus Connection

Campus Connection, the student system of the North Dakota University System, recently announced it is now available for mobile access across the University System. The mobile link for the site is <https://m.cnd.ndus.edu>.

Through the link, students can use iPhones, iPads, Androids and most other mobile devices to view their class schedule, exam schedule (at institutions where the exam schedule is used) and grades. The secure, easy-to-use interface also provides adviser information, waitlist status and student calendars. Students also can check their school bills, the status of their financial aid and account activity.

Instructors can use their smartphones to log on when on their campus and check teaching schedules, exam schedules, class rosters, grade rosters and view a list of their advisees.

Currently, most of the mobile features are "view only," meaning students and faculty can see information, but not interact with it. Future enhancements are being planned as the mobile environment continues to mature. Users will still need to rely on Web access for features such as enrolling in classes, dropping classes and accepting or declining financial aid.

While the mobile link works best with mobile devices, it also can be used with a desktop Web browser. Chrome, Firefox and Safari are the recommended Web browsers. The display of pages may differ depending on the device and browser you use.

In the near future, a generic app will be available for iTunes download. This also will be provided as an update to the mobile applications in use at the University of North Dakota and North Dakota State College of Science.

For questions or issues, contact the NDUS Help Desk at 866-457-6387 or ndus.helpdesk@ndus.edu.

Grant available for Tri-College faculty, students and staff

In an effort to promote new collaborative initiatives, Tri-College University announced the availability of one-time start-up grant funds for faculty, staff and students at NDSU, Minnesota State University Moorhead and Concordia College. Tri-College has found that through sharing resources, a greater number of people can be positively impacted and efficiencies readily obtained. The program is intended to develop collaborative relationships between people in our campus community who share a common interest and vision.

"The grant program is in its fourth year and we have seen successful collaborations," said Tim Flakoll, Tri-College provost. Projects funded in the past three years have included collaborations in providing cross-campus wireless Internet access via Eduroam, providing Tri-College vaccinology program support, design of an electronics lab manual for physics and engineering students, exploring emerging technologies for classroom instruction and the student-led formation of a women's collegiate lacrosse club.

Interested faculty, staff and students from partnering campuses are encouraged to submit a grant application detailing their project, need that it fills, level of collaboration and participation between campuses, expected outcomes and level of funding they are seeking. Grants awarded will range from \$250 to \$2,000. Availability and level of awards are subject to the availability of funds at Tri-College University. Matching funds are not required for eligibility. "The realization of the impact of these grants, and through the generosity of community partners, we are doubling the maximum allowed," Flakoll said.

To apply for the grant funds, the campus community may access an application from the Tri-College website at www.tri-college.org or by calling Sonia Hohnadel, Tri-College communications coordinator, at 1-8170. The application deadline is Oct. 15.

Graduate School implements exit survey

The Graduate School will now require students to complete a degree application/exit survey by the last day of the semester in which they plan to graduate. The survey asks students' perceptions of the admission process, advising and mentoring, financial support, program involvement, research experience and career plans. Data collected will be used to improve programs and services for graduate students at NDSU.

Music educators pursue degree, experience at NDSU symposium



Don Casey, dean of the DePaul University School of Music, teaches area music educators about important ideas in music education at the Summer Symposium in Music Education.

This summer, more than 30 music educators from around the region gained professional experience or pursued a master's degree at NDSU. The Summer Symposium in Music Education, held July 30-Aug. 3, featured NDSU music education faculty and nationally renowned guest instructors.

Titled "Effective Teaching: Instrumental, Choral, Elementary," the symposium, offered three hours of credit toward the Master of Music in Music Education degree or continuing education for those interested in enriching their teaching.

Participants attended keynote and breakout sessions, had performance opportunities and could tailor their schedules to learn from instrumental, choral and elementary music tracks. "We try to create sessions that apply to teachers from various teaching situations," said Charlette Moe, assistant director of choral activities.

Robert Duke, professor of music and learning at the University of Texas, Austin, and Mary Goetze, recently retired from the Indiana University Jacobs School of Music, worked with participants on issues such as skill learning, challenges in teaching a diverse population and using technology in music education. "Dr. Goetze was able to share a large research project with us," Moe said. "She used projectors and an iPad to detail how different apps can be used to get organized in the classroom and used as teaching tools."

Don Casey, dean of the DePaul University School of Music, taught a session on important ideas in music education. Attendees also had performance opportunities. "During the school year they often are so busy they don't get a chance to perform by singing or playing their instrument," Moe said.

The Master of Music in Music Education is designed for practicing teachers pursuing a master's degree that is convenient to accomplish through online classes and short summer sessions. About two-thirds of the program is available online with the remaining coursework offered on campus at NDSU, including the symposium. "Because of music's nature of performance, we wanted people to come to campus and meet their colleagues and faculty," Moe said. "It's really rewarding to meet them face-to-face."

For more information about the symposium or the Master of Music in Music Education program, contact Moe at charlette.moe@ndsu.edu or 1-6165 or Warren Olfert at warren.olfert@ndsu.edu or 1-7266.

TechGYRLS registration opens

TechGYRLS, a 10-week after-school program to introduce young women to science, technology, engineering and mathematics disciplines, is now accepting registrations.

The program, for third- through seventh-grade girls, is held on NDSU's campus and is sponsored by the College of Engineering and Architecture and the NDSU student chapter of the Society of Women Engineers.

Participants will engage in a variety of activities led by NDSU women engineering students, from designing a robot to blasting a rocket or learning about forensics.

Classes will meet from 4 p.m. to 6 p.m. starting the week of Sept. 17. Grades three and four will meet on Mondays. Grades five, six and seven will meet on Tuesdays.

The cost for the program is \$50. Registration is open and is on a first-come, first-served basis. To register, visit www.ndsu.edu/cea and click on the TechGYRLS banner link. For more information, contact nancy.rossland@ndsu.edu or 1-7994.

Fargodome lot closures announced

NDSU Parking and Transportation Services announced several upcoming closures to Fargodome parking lots that may impact persons with NDSU parking permits.

The Fargodome parking lot E will be closed each Friday prior to NDSU home football games. Drivers may park in lots C and D when E lot is closed. Closures will occur Aug. 31, Sept. 21, Oct. 5, 12 and 26, and Nov. 9.

In addition, Fargodome lot C will be closed Monday, Sept. 10 for driver training.

When Fargodome events require the use of lots C, D or E during a regular school day, Fargodome personnel will place barricades and gates to close the individual parking lot. Please respect the barricades and park in one of the other assigned NDSU areas.

All NDSU parking permits, including Park and Ride, are valid in lots C, D and E on school days.

NDSU fraternity receives award

NDSU's Epsilon Delta chapter of the Alpha Tau Omega fraternity received the 2012 True Merit Award at the 80th Biennial Congress of the fraternity in St. Louis Aug. 4.

The True Merit Award emphasizes commitment to the mission of the fraternity, including positive community and campus involvement. The Epsilon Delta chapter also excelled in these chapter operations: campus involvement and leadership development, communication, financial management, pledge education, recruitment, ritual and summer recruitment.

The award was established in 1969 as the Chapter Efficiency Award. In 1975, the award's name was changed to the Chapter Excellence Award and in 1979, it was renamed the True Merit Award.

Dining Services opens new retail location

The NDSU Department of Dining Services announced the opening of a new retail location, "Get Chopped" or Not. Located in the former Bison Krunch location on the main level of the Memorial Union, it features specialty salads, soups, shakes and other snacks. Hours of operation are Monday through Friday from 10:30 a.m. to 4:30 p.m.

NDSU Music Academy offers variety of music lessons

The NDSU Music Academy, a not-for-profit organization that provides music lessons to students ages four through adult, is accepting registrations for fall semester. Students can continue to register anytime until the class is full. Music lessons offered include piano, voice, guitar, violin and a variety of other instruments.

The Music Academy, housed at Peace Lutheran Church, 1011 12th Ave. N., Fargo, allows students of all ages to work at their own pace in an encouraging environment. The academy also provides opportunities for students to perform and interact with one another in a non-competitive atmosphere. The instructors are qualified NDSU graduate and undergraduate students pursuing degrees in music education, music performances and conducting.

More information, including tuition and registration, can be found at <http://ndsumusicacademy.musicteachershelper.com> or by contacting academy director Sarah (Mueller) Prigge at 1-8271 or sarah.mueller@my.ndsu.edu.

Atomic Learning available to staff, faculty and students

Atomic Learning is an educational resource available to NDSU staff, faculty, instructors and students. It offers video tutorials for intermediate and advanced training with programs such as Microsoft Word, Microsoft Excel, Blackboard and PowerPoint. It also provides tutorials on personal interest programs and sites such as Pinterest, GarageBand, iMovie, Twitter and Google Blogger.

Access Atomic Learning at <https://secure2.atomiclearning.com/sso/cas/ndsu>. Login information is the same as your email or Blackboard login. Atomic Learning also can be accessed from the Distance and Continuing Education website under the Student Resources and Faculty Resources areas at www.ndsu.edu/dce.

Proposals sought for NASA research program

North Dakota NASA Experimental Program to Stimulate Competitive Research has issued a call for proposals from faculty at NDSU to conduct NASA-relevant research in one or more research focus areas designed to promote and expand particular NASA research subdisciplines in North Dakota. Proposals are due Thursday, Sept. 20, at noon.

One of the primary goals of the research focus areas and the NASA EPSCoR program is to assist faculty in developing research programs that are funded outside of the program. Another goal is to assist the development of multiple NASA-relevant research clusters in the state. The program fosters collaboration between NDSU and UND faculty with research groups and scientists at one or more NASA centers and aims to increase the competitiveness of North Dakota for merit-based grants and contracts in support of science and technology research from federal funding agencies.

Questions regarding this announcement may be directed to Santhosh K. Seelan, director of North Dakota NASA EPSCoR at seelan@space.edu or 701-777-2355 or Carla Kellner at carla.kellner@research.und.edu or 701-777-2492. For more information, visit www.ndepscor.nodak.edu.

Gamma Sigma Delta selling sweet corn for scholarship fund

NDSU's Gamma Sigma Delta members are selling freshly picked sweet corn to support their scholarship fund. Each year, Gamma Sigma Delta awards scholarships to undergraduate and graduate students pursuing education in agriculture.

The price of the corn is a free-will donation to the Gamma Sigma Delta Scholarship Fund. The corn will be available Sept. 4 and 7.

Sellers have been identified for several buildings on campus. To purchase corn, contact one of the following:

- **Agricultural and Biosystems Engineering's Pilot Plant:** darrin.haagenson@ndsu.edu
- **Van Es Hall:** jane.schuh@ndsu.edu
- **Barry Hall:** tim.petry@ndsu.edu
- **Harris Hall:** mary.niehaus@ndsu.edu

Athletics announces student football ticket dates

The NDSU athletic department has announced the student football ticket dates for the 2012 season. Students must claim their tickets online at www.gobison.com/students. Students will reserve a ticket online using their NDSU Username and Password and it will be loaded onto their current student ID card. Students will then receive email confirmation that they have reserved a ticket. Tickets may be claimed starting the Monday of game week beginning at 8 a.m. and going until supplies run out or Friday of game week at 2:45 p.m.

For more information about tickets, visit www.gobison.com.

Student ticket reservation schedule

Date	Opponent	Reservation dates
Sept. 22	Prairie View A&M	Sept. 17-21
Oct. 6	Youngstown State	Oct. 1-5 (Homecoming)
Oct. 13	Indiana State	Oct. 8-12
Oct. 27	Southern Illinois	Oct. 22-26
Nov. 10	South Dakota State	Nov. 5-9

Alumni Association offers football ticket exchange

The Alumni Association is offering a football ticket exchange blog to NDSU alumni as a platform to buy or sell tickets.

Fans can post their ticket needs on www.facebook.com/ndbison or www.ndsualumni.com/netcommunity/footballticketexchange.

Tickets for all 2012 NDSU football home games are sold out. But, additional reserved and standing room tickets may become available on the Friday of game week. Check www.gobison.com/tickets for availability.

If you need help posting tickets, contact Nonda at the Alumni Center at 1-6807 or nonda@ndsualumni.com.

All NDSU regular season football games to be televised

NDSU Director of Athletics Gene Taylor recently announced all 11 regular season Bison football games will be televised for the first time in school history.

The broadcast schedule (home games in all caps):

- **Sept. 1:** ROBERT MORRIS (North Dakota NBC Network and ESPN3)
- **Sept. 8:** at Colorado State (North Dakota NBC Network)
- **Sept. 22:** PRAIRIE VIEW A&M (North Dakota NBC Network and ESPN3)
- **Sept. 29:** at Northern Iowa (KVLV-Fargo)
- **Oct. 6:** YOUNGSTOWN STATE (North Dakota NBC Network and ESPN3)
- **Oct. 13:** INDIANA STATE (North Dakota NBC Network and ESPN3)
- **Oct. 20:** vs. South Dakota (Sioux Falls) (Midco Sports Network)
- **Oct. 27:** SOUTHERN ILLINOIS (North Dakota NBC Network and Fox College Sports Central)
- **Nov. 3:** at Missouri State (North Dakota NBC Network)
- **Nov. 10:** SOUTH DAKOTA STATE (North Dakota NBC Network and Fox College Sports Central)
- **Nov. 17:** at Illinois State (North Dakota NBC Network)

KXJB-TV (CBS-Fargo) and the statewide NBC network will provide live coverage of the "Craig Bohl Football Show" at 10:30 a.m. on Sundays. The show will re-air on KVLV-TV after the late local news and on Midco Sports Network at 6:30 p.m. on Thursdays. Jeremy Jorgenson, NDSU director of athletic sales and broadcasting, will host the show.

The North Dakota NBC Network includes KVLV-TV in Fargo, KFYP-TV in Bismarck, KMOT-TV in Minot, KUMV-TV in Williston and KQCD-TV in Dickinson.

PEOPLE

Associate professor receives funding for chemistry research



Jayaraman

Sivaguru Jayaraman, associate professor of chemistry and biochemistry, has received a three-year, \$429,500 award from the National Science Foundation to conduct research outlined in his proposal titled "Light Induced Enantiospecific Chiral Transfer in Solution." The funding also provides research opportunities to graduate and undergraduate students to develop environmentally benign, green strategies to perform chemical reactions.

The research program in Jayaraman's group focuses on using light to transfer molecular chirality in photochemical reactions to produce molecules that are chiral and make only one of the two possible forms. Based on the funding from the National Science Foundation, his research group will study light-induced enantiospecific chiral transfer in solution. One of the research goals is to gain a fundamental understanding of interaction of light with photoreactive substrates, coupled with an intricate control over molecular reactivity, dynamics and non-bonding interactions to enhance stereoselectivity in the photoproducts.

With the most recent funding, students involved in the proposed investigations will learn both traditional techniques to characterize and evaluate asymmetric induction during enantiospecific phototransformations and modern spectroscopic methods and characterization techniques to assess excited state reactivity.

The award is a renewal grant of Jayaraman's CAREER award, which includes research opportunities for NDSU students. The research in Jayaraman's proposal is funded by National Science Foundation award No. CHE-1213880.

Assistant professor, NDSU chapter gain national recognition



Anita Welch, left, received the Chapter of Merit Award on behalf of the NDSU chapter of the Phi Kappa Phi Honor Society. Welch also was named to Phi Kappa Phi's national board of directors.

The NDSU Phi Kappa Phi Honor Society was named a Chapter of Merit at the society's 2012 biennial convention in St. Louis, Aug. 10-11.

"Being honored as a Chapter of Merit for the society speaks to the quality of leadership and engagement demonstrated by the members

of the NDSU chapter of Phi Kappa Phi,” said Anita Welch, assistant professor of education and president of the university’s chapter. “This award recognizes both the chapter’s faculty and students and their true commitment to academic excellence and service.”

In addition, Welch was named to the national board of directors of the honor society. She joins the board as a regional vice president. Eryn DeBuhr, psychology graduate student and student vice president of the NDSU chapter, was named to the society’s 2012-2014 Council of Students where she will represent the interests of students in the society’s north central region.

By receiving the Chapter of Merit distinction, NDSU’s chapter is being recognized as a thriving organization that meets frequently, holds annual initiations and applies regularly for Phi Kappa Phi’s select scholarships, grants and fellowships.

Founded in 1897 and headquartered in Baton Rouge, La., Phi Kappa Phi is the nation’s oldest and most selective collegiate honor society for all academic disciplines. It annually inducts approximately 32,000 students, faculty, professional staff and alumni. The society has chapters at more than 300 select colleges and universities in North America and the Philippines. Membership is by invitation only to the top 10 percent of seniors and graduate students and 7.5 percent of juniors. Faculty, professional staff and alumni who have achieved scholarly distinction also qualify.

Animal sciences professor awarded breast cancer grant



Park

Chung Park, professor of animal sciences, was recently awarded a grant from the National Institutes of Health, National Cancer Institute. The grant money, which totals \$285,000 for two years, will be used to investigate whether supplementing methyl nutrients (choline, folate, vitamin B12 and methionine) in a mother’s diet will reduce the risk of her offspring developing breast cancer.

Park has received grant funds from the institute three times, the Department of Defense Medical Research Program twice and the American Institute for Cancer Research for his studies on the epigenetic influence of maternal dietary lipotropes (methyl nutrients including methionine, choline, folic acid, and vitamin B12) upon udder development, lactation and mammary carcinogenesis.

Park’s lab also recently received a grant from the Northern Canola Growers Association for \$54,000. For the past several years, the USDA-National Institute of Food and Agriculture and the Northern Canola Growers Association have been supporting Park’s research on canola oil and human health.

The research is supported by the National Institutes of Health grant number 1R15CA164768-01A1. This content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.

Central Grasslands Research Extension Center director named



Neville

Bryan Neville is the new director of NDSU’s Central Grasslands Research Extension Center near Streeter, N.D. He replaces Paul Nyren, who retired earlier this year after serving 30 years as center director.

Neville, a native of Benkelman, Neb., earned a bachelor of science degree in animal science from the University of Wyoming, a master’s degree in ruminant nutrition and a doctorate in ruminant nutrition from NDSU.

Before coming to NDSU, he was an agricultural research technician for the U.S. Department of Agriculture in Dubois, Idaho, for two years. He joined the Central Grasslands center as an animal scientist in 2010.

His research is focused on a whole-systems approach to improving livestock performance. Areas of particular interest include the interaction of animal health and nutrition, range supplementation practices, and calf nutrition during receiving and backgrounding. He also serves as co-adviser for two graduate students.

“I am honored to be given the opportunity to lead the staff at Central Grasslands,” Neville said. “For me, NDSU and especially the Streeter area, has always felt like home.”

Plant sciences hosts Norman E. Borlaug fellows



The Department of Plant Sciences is hosting Hristova-Cherbadzhi, left, and Petkova-Andonova, Norman E. Borlaug fellows. Both are faculty from Bulgarian universities and are conducting collaborative research in the department during their stay.

The USDA Foreign Agricultural Service has selected the Department of Plant Sciences as the host site for two Norman E. Borlaug fellows. Miroslava Hristova-Cherbadzhi, agronomy faculty member at the University of Forestry in Sofia, Bulgaria, and Mariana Petkova-Andonova, assistant professor of genetics and plant breeding at the Agricultural University of Plovdiv, Bulgaria, will spend several months conducting collaborative research in the department.

Hristova-Cherbadzhi and her NDSU host faculty, Brent Hulke, adjunct professor and USDA-Agricultural Research Service research geneticist of sunflowers, are conducting analysis of molecular markers from a single nucleotide polymorphism marker platform to map

a resistance gene to the parasitic plant *Orobanche cumana*. In addition to studying yield and nursery trials, Hristova-Cherbadzhi has observed sunflower disease and insect resistance evaluation nurseries. The pair also has visited with other collaborators in the United States during her stay.

Petkova-Andonova, a canola breeder hosted by Michael Foley, adjunct professor and USDA-Agricultural Research Service supervisory plant physiology, and Muklesur Rahman, research assistant professor of canola breeding and genetics, has been conducting research on molecular and genetic approaches to improving food and energy values of canola/rapeseed oils.

The Norman E. Borlaug International Agricultural Science and Technology Fellowship Program helps developing countries strengthen sustainable agricultural practices by providing scientific training and collaborative research opportunities to visiting researchers, policymakers and university faculty.

Soil scientist receives multi-state grant



DeSutter

Tom DeSutter, assistant professor of soil science in the School of Natural Resource Sciences, was lead principal investigator on a two-state \$915,785 Conservation Innovation Grant from the USDA's Natural Resource Conservation Service. The grant, titled "Drainage, Plant Type, Cover Crops Mixtures, Soil Amendments and Residue Cover Impacts on Soil Health, Crop

Nutrient Uptake, Water Quality and Productivity in the Northern Great Plains," also included five other soils faculty and four other NDSU faculty from the agricultural and biosystems engineering and agribusiness and applied economics departments.

The project will develop management and soil amendment guidelines that optimize production on saline- and sodium-affected soils in the Northern Great Plains region. It also will develop non-drainage options that reduce salinization and sodification in high-risk soils, maintain wildlife habitat and reduce flooding risks along the Red, Missouri and Mississippi Rivers.

Office of Multicultural Programs hires program coordinator



Oakgrove

Francis Oakgrove recently joined the staff of the Office of Multicultural Programs as a program coordinator. In this capacity, he supports faculty, staff and students from under-represented groups, and develops programs and services needed to enhance the experiences of under-represented individuals at NDSU.

Oakgrove earned a bachelor's degree in sociology from the University of Wisconsin-Eau Claire and his master's degree in education – student affairs, from Iowa State University. He has worked in multicultural affairs for more than four years and has taught university-level courses that focus on issues related to community, leadership, diversity, multiculturalism and identity development.

Office of Admission announces new hires, promotions



Lundquist

The NDSU Office of Admission recently announced several new hires and promotions.

Adam Lundquist was named transfer recruitment coordinator. He spent six years as an admissions counselor at the University of North Dakota and will be responsible for transfer student recruitment activities, including traveling to two-year institutions, communicating and meeting with prospective transfer students, and partnering with campus departments and other two-year institutions to develop programming and recruitment events for transfer students.



Worth

Lundquist earned a bachelor's degree in mathematics from UND and is pursuing a master's degree in educational leadership.



Tetzlaff

Elizabeth Worth was named assistant director of admission. She will be responsible for providing leadership to all campus visit programs coordinated in the Office of Admission. Events include coordinating the daily campus visit program, Saturday Series, Summer Open House and Discover NDSU. She also will co-supervise the campus tour guides.

Worth joined the Office of Admission in November 2009 and previously was an admission counselor. She earned a bachelor's degree in music and master's degree in counseling from NDSU.

Roxie Tetzlaff was hired as an admission counselor. In addition to meeting with prospective students and parents on campus, conducting high school visits in western North Dakota and representing the university at college fairs, Tetzlaff also will coordinate the Pathway Program at NDSU and conduct outreach events for the Office of Admission.

Tetzlaff, a Grand Forks native, earned a bachelor's degree in interior design from NDSU. She previously worked in the design field and taught first-year interior design classes at NDSU.

Chris Held was hired as an intern for 2012 fall semester. He will travel to college fairs and complete high school visits in Minnesota and Wisconsin. In addition, he will conduct meetings with students touring campus to talk about admission procedures and university programs.

Originally from Hankinson, N.D., Held is a psychology major and sociology minor at NDSU.

Carissa Botton was hired as an admission representative intern. She will meet with prospective students and parents on campus, conduct high school visits in Minnesota and South Dakota and represent the university at college fairs. Botton, from Minot, N.D., is studying public relations and advertising at NDSU.

Bethany Economos joined the Office of Admission this fall as an admission representative intern. Originally from Thief River Falls, Minn., she has worked in the office for the past three years as an admission assistant. While attending NDSU, she has been involved in Students Today Leaders Forever, Bison Guides, the National Society of Collegiate Scholars, Phi Eta Sigma and Phi Kappa Phi.

NDSU Music names assistant professor of clarinet



Kang

Cecilia Kang was hired as an assistant professor of clarinet in the Department of Music. Most recently an instructor at Concordia University, Ann Arbor, Mich., Kang is an active international performer and clinician.

Kang earned a Doctor of Musical Arts degree from the University of Michigan and a Master of Music from the University of Southern California.

Her research explores the innovative role of musicians in cultural diplomacy and in the public humanities.

Kang is a laureate of the Canadian Music Competition and the Montreal Symphony Orchestra Standard Life Competition. As a chamber musician, Kang has collaborated with the Los Angeles Philharmonic, Berlin Philharmonic, Royal Danish Orchestra and Toronto Symphony Orchestra.

She has been the featured performer for many ensembles, including the Brave New Works Contemporary Ensemble, Luzerne Chamber Players and Guelph Symphony Orchestra.

Theatre arts names scenic designer



Fier

Tiffany Fier has joined the Department of Theatre Arts as scenic designer. She earned a Master of Fine Arts from Purdue University and has worked extensively as a professional set designer, scenic artist and properties artisan for several theatres in the Midwest.

Fier has designed sets for the Children's Theatre of Madison, First Stage in Milwaukee, Iowa State University and the Phipps Center for the Arts. Since 2008 she has worked as scenic charge for the American Players Theatre, one of the largest outdoor theatre companies in the nation and the Wall Street Journal's 2011 "Company of the Year."

Extension faculty help Boy Scouts earn merit badges

Several NDSU Extension Service faculty in animal science, plant science, veterinary medicine and agricultural and biosystems engineering recently assisted area Boy Scouts earn agriculture-related merit badges.

On Aug. 18, the faculty worked with the Boy Scouts of America as part of the International Camperall. Ken Hellevang, professor of agricultural and biosystems engineering, coordinated and organized activities where scouts worked to earn 17 merit badges. According to Hellevang, about 250 scouts were involved in the camperall activities.

Other faculty who took part included Carl Dahlen, Cole Rupprecht, Carolyn Hammer, Reid Redden, Justin Crosswhite, John Nowatzki, Tom Gulya, Ron Smith, Dave Franzen and Charlie Stoltenow.

Seed Department managers elected to national positions

Two North Dakota State Seed Department managers were elected to leadership positions in their respective national organizations during recent annual meetings.

Steve Sebesta, deputy seed commissioner, was elected by the Association of Official Seed Certifying Agencies board of directors to serve as president. The election was held during the association's meeting in Sun Valley, Idaho.

Jeff Prischmann, diagnostic laboratory manager, was elected to the executive board of the Association of Official Seed Analysts at the association's annual meeting in Des Moines, Iowa. In addition, he holds leadership roles in several other association committees dealing with cultivar purity and genetic testing.

The North Dakota State Seed Department is the state's designated authority for seed certification and the largest certification agency in the U.S. in terms of the number of acres in certified seed production. The administrative and laboratory services of the department are located in Johansen Hall at NDSU.

Graduate student to present thesis research at symposium



Ayitou

Chemistry graduate student Anoklase Jean-Luc Ayitou has been selected to attend the Building Engineering and Science Talents Symposium Oct. 1-3 in Midland, Mich. Commonly known as BEST, the symposium is part of a program initiated by the DOW Chemical Co. to introduce African American, Hispanic and Native American U.S. doctoral and postdoctoral scientists to the wide range of rewarding careers in industrial research.

Ayitou is scheduled to give a short presentation about his graduate research work. A fifth-year doctoral student in the group of Sivaguru Jayaraman, associate professor of chemistry and biochemistry, Ayitou's thesis focuses on using light to synthesize chirally enriched molecular building blocks.

For more information on the symposium, visit www.dow.com/best.

EVENTS

Pride Network announces fall events

The NDSU Pride Network announced a series of events planned for the fall semester. An organization formed by and for LGBTQ employees in collaboration with the NDSU Strategic Plan for Diversity, Equity and Community and the Office of Equity, Diversity and Global Outreach, Pride Network welcomes all LGBTQ employees to join them this semester in a variety of activities.

The five-year anniversary of the Pride Network at NDSU will be celebrated Friday, Sept. 21, from noon to 1 p.m. in the Memorial Union Gallery.

Brown bag lunch meetings are scheduled to begin at noon on the following dates: Sept. 28, Oct. 26, Nov. 30, Jan. 25, Feb. 22, March 22 and April 26. Email ndsu.pridenetwork@ndsu.edu for meeting locations.

The fall 2012 LunchOUT series invites employees for lunch off campus. They will be held at noon on Sept. 20, Nov. 7 and Dec. 6.

October is LGBT Pride Month. More details on events will become available, but several events already are planned. An LGBT faculty, staff, student and alumni homecoming reception is scheduled for Friday, Oct. 5, from 5 p.m. to 7 p.m. at the Stoker Lounge, Hotel Donaldson. Attendees must be 21 or older.

An NDSU LGBT post-homecoming parade reception also is scheduled for Oct. 6 at the Equity and Diversity Center.

For more information on Pride Network, visit www.ndsu.edu/safezone/pride_network or email ndsu.pridenetwork@ndsu.edu. For more information on LGBTQ programs, visit www.ndsu.edu/lgbtq.

NDSU community invited to 'Take Back the Night'

The second annual Take Back the Night event is scheduled on the NDSU campus. The rally, march through campus and candlelight vigil are scheduled for Thursday, Sept. 13, at 7 p.m. beginning in Festival Concert Hall. All NDSU faculty, students and staff are invited to participate.

"Take Back the Night is an opportunity for the entire NDSU community to get together and take a stand against violence and show support for survivors," said Sarah Dodd, assistant director of NDSU's Sexual Assault Programs. "It is a chance to break the silence surrounding sexual violence in our community."

The event will begin with a student-organized educational program. Three NDSU faculty and staff who have contributed to the campus' efforts in sexual assault prevention will be highlighted. Following a march through a campus a candlelight vigil will be held in which people who have been impacted by violence will provide remarks.

The NDSU event is sponsored by Sexual Assault Prevention Programs—Office of Student Life, Residence Life, Equity and Diversity Center, Greek Life, Women and Gender Studies, Counseling Center and University Police.

For more information, contact Dodd at sarah.dodd@ndsu.edu or 1-5733.

Assistant professor to discuss 'Why Stuff Sticks' at Science Café



Croll

Andrew Croll, assistant professor of physics, is scheduled to present the Science Café, titled "Why Stuff Sticks: Geckos, Bugs, Nanotechnology and the Quest for Really Good Duct Tape," on Tuesday, Sept. 11, from 7 p.m. to 8:30 p.m. in Stoker's Basement, Hotel Donaldson.

The talk will discuss the background behind modern adhesives and then explore the differences in how adhesion is accomplished by natural organisms such as the gecko. Topics will range from fundamental physics to engineering, nanotechnology and biology and will end with a look at the future for modern gecko-bioinspired adhesives.

"Wouldn't it be great to be Spiderman and climb up a building?" Croll said. "If geckos can do it, why can't we? The Spiderman effect wows people, but the basic idea is for scientists and engineers to look at the abilities of creatures and be able scale it up."

Attendees must be 21 or older or accompanied by a parent or guardian. For more information, contact Keri Drinka at 1-6131 or keri.drinka@ndsu.edu.

Science Café, sponsored by NDSU's College of Science and Mathematics, features a presentation by a scientist and time for discussion with the scientist and other attendees. For more information on upcoming Science Cafés, which are held monthly, visit <http://earth.physics.ndsu.nodak.edu>.

NDSU Visual Arts, Fargo Theatre announce Art Cinema Series

The NDSU Art Cinema Series, a partnership with the NDSU Department of Visual Arts and the Fargo Theatre, will begin in September with the showing of "Onegin," a passionate tale of unrequited love starring Ralph Fiennes and Liv Tyler. The film will be shown Monday, Sept. 10, at 7 p.m. at the Fargo Theatre. Tickets are \$5.

The NDSU Art Cinema Series presents an intelligent and unique film once per month at the Fargo Theatre. Future films include:

- **Oct. 1:** "Russian Ark"
- **Nov. 5:** "Annie Liebovitz: Life Through A Lens"
- **Dec. 3:** "Maya Lin: A Strong Clear Vision"
- **Feb. 4:** "Our City Dreams: An Intimate Portrait of Five Women Artists"
- **April 1:** "Linotype: The Film"
- **May 6:** "David Hockney: A Bigger Picture"

More information, including trailers, can be found at www.ndsu.edu/finearts/visual_arts/art_cinema_series/index.html.

Study Abroad Day scheduled for Sept. 11

The Office of International Programs has scheduled Study Abroad Day for Tuesday, Sept. 11. Two events will be taking place: the Study Abroad Fair from 10 a.m. to 2 p.m. in Thundar's Den and Global Fest from 6:30 p.m. to 8 p.m. in the Rec Center, both on the lower level of the Memorial Union.

The Study Abroad Fair will feature 15 informational tables where students can visit with study abroad program representatives, faculty leaders and returned study abroad students to learn more about study abroad programs that range in duration from a full academic year or semester to a summer or short-term faculty-led program. Visitors will vote for their favorite photos submitted by returned study abroad students.

Global Fest is a new event this year, and will be a celebration of European cultures in a fun and informal environment.

"This is a great opportunity for students to connect with program representatives to help determine which program is a good fit," said Tanya Kramer, assistant director of study abroad in the Office of International Programs. "It's also a fun event for returned study abroad students to share their experiences and photos with prospective study abroad students."

For more information on studying abroad, visit www.ndsu.edu/international/studyabroad.

Brown Bag Seminars schedules fall semester series

The Compass Program Foundation Brown Bag Seminars has scheduled its fall semester series starting mid-September and ending the first week of December. The seminars focus on a themed topic of interest, which pertain to NDSU students, faculty and staff. Seminars are often planned with other NDSU departments and organizations on campus.

The Brown Bag series is offered during lunch hour, so attendees can bring their lunches in "brown bags" and eat while they listen to a presentation. All seminars will be held in the Memorial Union Arikara room from noon to 1 p.m. unless stated otherwise, and are free and open to the public.

A schedule of the series is as follows:

Wednesday, Sept. 19: "The End is Near: The Maya Apocalypse of 2012"

Bradley Benton, history department

An exploration on the ancient Maya civilization, their advanced calendar system and the roots of the doomsday prophecy.

Wednesday, Sept. 26: "Stalking on the College Campus: What Is It and What Can You Do About It?"

Nona Wood, associate director of Student Rights and Responsibilities; Amber Boch, NDSU Counseling Center; and Amy Stichman, Department of Criminal Justice

Learn about stalking, how it might occur at NDSU and how you can respond.

Wednesday, Oct. 3: "Out on Campus"

Panel members will share their experiences and reflections about being out on campus.

Wednesday, Oct. 17: "Facing the Foibles of Gender: Encounters With the Silly Creatures"

Donna Ross, transgender advocate and educator

Ross shares some of her light-hearted, even humorous experiences with gender influences in our society.

Wednesday, October 24: "Absolutely Safe"

A discussion on women and breast implants, with a portion of "Absolutely Safe," an award-winning video, shown with a brief discussion at the end.

Wednesday, Oct. 31: "We're in this Together"

Panelists reflect on their experiences sharing in a loved one's journey to come out.

Wednesday, Nov. 7: "Salute to Service, Sacrifice and Survival"

Memorial Union, Century Theater

Guest Speaker: Retired Lt. Col. Barry Bridger, a highly decorated United States Air Force veteran

Captured by the North Vietnamese and imprisoned in 1967 for more than six years, Bridger was one of about 350 Americans held captive at the infamous "Hanoi Hilton" prison, where a fellow prisoner of war included U.S. Sen. John McCain.

Wednesday, Nov. 14: "FM Derby Girls – So What Is Roller Derby?"

Fargo-Moorhead Derby Girls teach you about the sport.

Wednesday, Nov. 28: "Please pass the ..." The Essential Art of Dining

Jill Wilkey and Sarah Hunter, NDSU Career Center

A presentation about learning the essential art of dining etiquette. (Please note: No food will be served at this presentation.)

Wednesday, Dec. 5: "Integrating Modern and Traditional Medicine"

Donald Warne, Director of the Master of Public Health Program

A presentation focusing on integrating modern and traditional medicine in today's world.

Community of Respect training scheduled

The Division of Equity, Diversity and Global Outreach is scheduled to host a Community of Respect training seminar Thursday, Sept. 20, from 9 a.m. to 3 p.m. The event is free and open to up to 30 individuals from campus. Advance registration is required by Sept. 17 at www.ndsu.edu/diversity/community_of_respect.

The Community of Respect program teaches individual participants about cultural differences and encourages them to think critically about the impact of their own cultural values in their relationships with others. With a focus on improving intercultural competencies and providing hands-on strategies, trainers will assist participants in learning how to work more effectively with colleagues and students whose cultural backgrounds are different from their own.

For more information, contact Kara Gravley-Stack at 1-7091 or kara.gravley-stack@ndsu.edu.

‘Moos, Ewes and More’ event showcases animal sciences

The NDSU Department of Animal Sciences is scheduled to host the third annual “Moos, Ewes and More” event Saturday, Sept. 8, from 10 a.m. to 2 p.m. at the NDSU Equine Center. The free, all-ages event gives community members an opportunity to ask NDSU faculty, staff and students questions about animal science and agriculture and visit the department.

The event aims to showcase agriculture through demonstrations and interactive activities, such as sheep shearing demonstrations, wool spinning, bottle feeding calves, trimming horse hooves, milking dairy cows and ultra sounding pregnant animals. There also will be a variety of livestock species at the event, including pigs, sheep, beef and dairy cattle, horses, ducks and chickens. Barbeque Bootcamp samples and Cass-Clay ice cream also will be available for sampling.

“I think that as urban areas grow and rural areas shrink, it is especially important to reconnect people with livestock and agriculture. The average American is three to four generations removed from the farm, and while that number is less for North Dakota because of our rural landscape, there is still a tendency for people to forget or not realize where their food and fiber come from. ‘Moos, Ewes and More’ is an effort to strengthen that connection,” said Erika Berg, assistant professor of animal science and event co-chair.

Counseling Center offers stress management group classes

NDSU Counseling is offering its 11th year of the Meditation for Stress Management Group classes this fall. Participants in the fall semester will meet weekly on Mondays from 3 p.m. to 4 p.m. at the Counseling Center, 212 Ceres Hall.

The classes provide an opportunity for NDSU students, faculty and staff to learn and practice mindfulness meditation for increased awareness, presence and well being. The group is free of charge, and all levels are welcome, from beginners to experienced practitioners.

No advanced registration or weekly commitment is necessary; feel free to show up any time during the semester. Wear loose, comfortable clothing and be sure to show up on time; the door will be locked once the meditation begins to avoid interruptions. Both chairs and meditation cushions will be available, depending on preference. Check www.ndsu.edu/counseling/groups_classes for updated scheduling changes.

Mindfulness is a way of being that involves bringing awareness to the unfolding of present experience, moment-to-moment, with curiosity, openness and acceptance. For further information on the group or on meditation and mindfulness, visit www.ndsu.edu/counseling/meditation_and_mindfulness.

FORWARD committee training workshops scheduled

The FORWARD project is scheduled to sponsor workshops for faculty who serve or will be serving on promotion, tenure and evaluation committees. The workshops are scheduled for Sept. 4 and 5 from 3 p.m. to 4:30 p.m. in the Memorial Union Rose room. Current promotion, tenure and evaluation committee members are encouraged to attend one of the sessions.

The workshops will include information on promotion, tenure and evaluation policy and procedures and offer best practices for evaluating promotion and tenure portfolios illustrated through case studies. In addition, they will offer examples of checklists, rubrics and guidance in reading portfolios.

Ineke Justitz, associate professor of history, philosophy and religion, and Kevin McCaul, professor of psychology, will present the workshops.

Registration for either session should be completed by Monday, Sept. 3, at www.ndsu.edu/forward.

Women’s Club event shows influence, range of NDSU women

When the NDSU Women’s Club convenes to launch a busy academic year, generations and communities of women will meet to salute three outstanding NDSU women scholarship winners. They’ll also learn the behind-the-scenes story of the National Book Awards’ close relationship with Concordia College from NDSU alumna Tracey Moorhead.

The event is scheduled for Monday, Sept. 10, at 7 p.m. at Concordia’s Knutson Center, Suite A-B. Each year the Women’s Club sponsors a rigorous scholarship competition for NDSU women who have attained junior status. This past year, a revamped marketing program for the competition, working through department chairs, led to a significant increase in applications, and, with additional private support, the Women’s Club increased its scholarships from one to three. Scholarship awardees will be announced at the fall event.

NDSU alumni follow a wide range of roads after graduation. For Moorhead, her path led across the river to Concordia College, where she is executive assistant to the president. Her presentation, “The National Book Awards on Campus – Concordia’s Unique Seven-year Partnership with the National Book Foundation,” will present the story of the opportunities that role has given her to step behind the scenes of the National Book Awards.

One of the nation’s most prestigious awards for authors of fiction and nonfiction for adults and younger readers, the National Book Awards share close ties with Concordia and National Public Radio that Moorhead has helped nurture.

During her years at Concordia, she also has worked on development and grant writing for Concordia’s Language Villages. She earned bachelor’s and master’s degrees in mathematics from NDSU.

The event also gives members and prospective members the opportunity to learn about the interest groups that are a mainstay of

the organization. The organization hosts three seasonal events, but interest groups meet each month. Among the groups currently offered are International Women, Book Readers Group, Midday Meetup, Poetry Writing Group, Sewing Group and Valley Gardeners. New interest groups are developed in response to member feedback.

In recent years, the club has added an ACTion Team, volunteers who participate in community-based service. This has included United Way's school backpack project, A Woman's Perspective at the Hjemkomst and Habitat for Humanity. A Habitat for Humanity volunteer opportunity will take place Wednesday, Sept. 12.

The NDSU Women's Club is open to any woman who supports the mission of NDSU. Half of the annual membership fee – \$20 for general members, \$10 for students – is used for scholarships. For more information, contact womensclub.ndsu@gmail.com or visit www.ndsu.edu/diversity/resources_for_women/wwwndsuediversityndsuwomensclub.

NDSU demonstrations featured during Big Iron

The 2012 Big Iron Show, set for Sept. 11-13 in West Fargo, is scheduled to include presentations and demonstrations by NDSU researchers and scientists on tillage, soil health, agricultural robotics and a quarter-scale student tractor.

The daily field demonstrations are scheduled from 1 p.m. to 3 p.m. south of the Big Iron exhibit area and will begin with brief educational presentations.

One part of the daily field demonstrations will focus on NDSU's newly formed soil health initiative. Six NDSU researchers and scientists who conduct soil health research and Extension Service efforts will use a soil pit as an aid to discuss the importance of soils to North Dakota's vitality. They will discuss crop and range management strategies land managers can use in adapting to changes in climate, cropping systems and environmental situations.

Personnel involved in the soil health initiative include Ann-Marie Fortuna, research soil health assistant professor; Abbey Wick, Extension soil health assistant professor; Chris Augustin, area Extension soil health specialist; Naeem Kalwar, area Extension soil health specialist; Jasper Teboh, soil scientist; and Ben Geaumont, wildlife and range science research assistant professor.

NDSU and University of Minnesota Extension Service personnel are collaborating with tillage equipment companies to feature five types of shallow-tillage machines to help explain recommended tillage practices. Each tillage equipment company exhibiting at Big Iron has been invited to demonstrate a shallow-tillage machine immediately after the educational presentation.

Another part of the session will be presentations and demonstrations on robotics in agriculture. John Nowatzki, NDSU Extension machine systems specialist, will discuss current robotic applications in crop and livestock production.

Bookstore announces upcoming events

The NDSU Bookstore announced several upcoming events. NDSU Bookstore After Hours is scheduled for Wednesday, Sept. 5, from 7 p.m. to 9 p.m. in the store. Students can play games including Wii and Bison bean bag toss and receive bargains and prizes. Free make-it-yourself ice cream sundaes also will be available.

The bookstore will hold Scratch and Win Friday each Friday before home football games. Customers can request a card and uncover a discount good toward NDSU clothing and gift item purchases that day. Scratch and Win Fridays will be held Aug. 31, Sept. 21, Oct. 5, Oct. 12, Oct. 25 and Nov. 9.

Student Government to host Bison 101

NDSU Student Government will host the first ever Bison 101 event Friday, Aug. 31, at 7 p.m., in the Fargodome, to teach students NDSU cheers and traditions before the football home opener Sept. 1.

"This rally is going to be a chance for all of us to get together as students to celebrate what it means to be a Bison, and to get excited for the year ahead," said Student Body President Luke Brodeur. "It's centered around the start of another great football season, but it means a lot more than that. It's about helping all students feel a personal connection to our university."

Students attending Bison 101 will hear from NDSU President Dean L. Bresciani, Brodeur and head football coach Craig Bohl. The NDSU Dance and Cheer teams will perform, and 2012 Yell Leaders Jayme McGillis and Eric Miller will teach cheers and chants.

Bison 101 was initiated by Brodeur and Student Body Vice President Jace Beehler and organized by Student Government.

NDSU football announces 'Gold Rush' games

The NDSU football team is scheduled to wear an alternate gold jersey in its home opener against Robert Morris on Saturday, Sept. 1, at 6 p.m. in the Fargodome. The team also will wear the gold jerseys on the road when it travels to Sioux Falls, S.D., on Saturday, Oct. 20, to play the University of South Dakota.

Part of the "Gold Rush" theme is encouraging fans to wear the color at designated games.

In addition, NDSU has designated the Nov. 10 game versus South Dakota State University as Green and Gold Pride Day. Fans will be asked to wear either green or gold, depending on their seat location inside the Fargodome. A map designating what color each section should wear will be released prior to that game.

For more information, visit www.facebook.com/ndbison.

PUBLICATIONS/PRESENTATIONS

Professor published in forensic communication book



Burnett

Ann Burnett, professor of communication, director of Women and Gender Studies and associate dean of the College of Arts, Humanities and Social Sciences, recently published two chapters in the book, "Forensic Communication: Application of Communication Research to Courtroom Litigation." Her invited, edited chapters focus on factors influencing jury decision

making before the trial starts and prior to/during deliberation. The book, published by Hampton Press, was released this summer.

Communication professor presents at conference in Japan



Littlefield

Robert S. Littlefield, professor of communication, presented at the fourth Tokyo Conference on Argumentation sponsored by the Japan Debate Association held Aug. 10-12 at Sophia University in Kanagawa, Japan.

Littlefield and Michael D. Bartanen, professor of communication at Pacific Lutheran University, co-wrote the manuscript, "The Cultural Influences of Forensics Practice: The Cold War and Its Influence on American Forensics," which was selected for inclusion in the conference proceedings.

Littlefield and Bartanen argued the onset of the Cold War in the United States had a significant effect on the nature of secondary and post-secondary education, including co-curricular activities such as forensics competition. Their paper discussed significant changes in American forensics resulting from a societal shift toward relying on schools and universities to produce increasing numbers of scientists, government workers and teachers and providing educational opportunities for citizens who formerly did not perceive the value or opportunity for higher education.

According to the paper, forensics was transformed by the significant change in the number of people seeking degrees and the public's perception of the role of higher education. Competitive speech and debate changed from being understood and justified as a public good in the years prior to the Cold War to a private good benefiting the individual student participants. As a public good, the pedagogy emphasized the teaching of style, delivery and argument forms derived from classical theory. Competition was secondary to the goal of training public speakers and articulate citizens. As a private good, the emphasis shifted to the invention of arguments, debate as a method of information processing and new argument forms derived from burgeoning approaches of the social sciences.

Public speaking and citizenship training became subordinate to technical learning. The transformation provided a useful case

study of the complex relationship between co-curricular activities and the cultural practices and assumptions that influence educational contexts.

David Zarefsky, of Northwestern University in Evanston, Ill., and past president of the National Communication Association; Yoshiro Yano from Chua University, Japan; and J. Anthony Blain from the University of Windsor, Canada, presented keynote speeches.

According to Littlefield, participants from 14 countries in Europe, the Middle East, Asia and North America attended the conference. Topics ranged from reinventing Japanese national character after the 2011 Tohoku Earthquake, tsunami and nuclear crisis, to renditions of freedom of expression in Julian Assange's moral argumentation about WikiLeaks.

Assistant professor gives keynote at nanotechnology conference



Voronov

Andriy Voronov, assistant professor of coatings and polymeric materials, presented an invited keynote lecture at the third International Conference on Nanotechnology: Fundamentals and Applications. He also served as a scientific committee member for the conference program. The conference was held at the McGill University, Montreal, Canada, Aug. 7-9.

Voronov's topic was "Self-Assembly of Invertible Polymeric Micelles: New Promise for Polymer-Based Nanopharmaceuticals." In his lecture, Voronov described the work of his NDSU research group on responsive polymeric micelles, nanomaterials that may have potential for many applications, including drug delivery. The micelles developed in Voronov's group possess a unique ability to remain stable in homogeneous environments and rapidly invert their conformation, based on subtle changes in polarity of the environment. The approach is considered a new and promising concept in developing polymer micelles-based nanopharmaceuticals.

The plenary keynote lectures were followed by a panel discussion on nanotechnology safety and standards with panelists S. Gholamreza Etemad, professor at Isfahan University of Technology and University of Ottawa; Brian Haydon, senior project manager in Health Care/Nanotechnologies at CSA Group in Canada; and Voronov.

ICNFA is a series of international conferences that focus on all aspects of nanotechnology, with a goal to bring together international researchers working in the field and foster an environment conducive to research advancement.

SHORTS AND REMINDERS

Policy update

The following policy has recently been added or revised. To view the complete policy, visit www.ndsu.nodak.edu/policy.

Policy 823: Financial Conflict of Interest – Public Health Service Sponsored Research

This policy reflects the response to federal agency financial conflict of interest requirements, including the Public Health Service.

Positions available

Positions open and screening dates through the Office of Human Resources, SGC, 1919 N. University Drive. Position openings also are available through the NDSU website at www.ndsu.edu/jobs.

Application Processor (re-posted)/ #00026629

Graduate School
\$31,000+/year
Sept. 7

Cashier/#00020195

Customer Account Services
\$22,000/year
Sept. 6

Licensed Practical Nurse (F/T, mid-August to mid-May)/#00027380

Student Health Services
\$24,960+/year
Sept. 7

Director of Technical Services and Business Development (re-posted)

Northern Crops Institute
\$90,000+/year
Oct. 31

Project Manager

Veterinary and Microbiology Sciences
\$37,000/year
Open until filled

Fire Management Specialist-Grants; located in Bismarck, N.D.

North Dakota Forest Service
\$34,974+/year
Open until filled

Associate Research Fellow/#00027968

Upper Great Plains Transportation Institute
Commensurate with experience
Open until filled

Research Specialist/#00018930

Plant Sciences
\$35,000+/year
Open until filled

HPC Systems Administrator (two positions)

Center for Computationally Assisted Science and Technology
Commensurate with experience
Open until filled

Student Support Services Tutor Coordinator (NDSU employees only)

TRIO
\$32,000+/year
Sept. 6

Research Assistant

Agribusiness and Applied Economics
Commensurate with experience
Sept. 7

Assistant Potato Breeder/#00019268

Plant Sciences
\$45,000+/year
Sept. 10

CALENDAR

SEPTEMBER

1 **Football vs. Robert Morris:** 6 p.m., Fargodome

3 **Labor Day:** University closed

4 **Chemistry and Biochemistry seminar:** 4 p.m., Ladd Hall room 107, "Nucleic Acid-Based Lateral Flow Biosensors for Biomedical and Environmental Applications," Guodong Liu, assistant professor of chemistry and biochemistry

4-5 **FORWARD Workshops:** 3 p.m. to 4:30 p.m., Memorial Union Rose room. The workshops are for faculty who will serve or will be serving on promotion, tenure and evaluation committees.

5 **Staff Senate meeting:** 9:30 a.m. to 11 a.m., Memorial Union Ballroom

5 **NDSU Bookstore After Hours:** 7 p.m. to 9 p.m., NDSU Bookstore

5 **Meet the Faculty event:** 5 p.m., Minard Hall 222. A chance to meet NDSU psychology department professors and learn more about the research they are doing. Hosted by the NDSU Psychology Club

6 **Chemistry and Biochemistry seminar:** 4 p.m., Ladd Hall room 107, "A Novel Mechanism for Metabolic Reprogramming in Proliferating T Leukemia Cells and Thymocytes," Ameeta Kelekar, laboratory medicine and pathology department, University of Minnesota Masonic Cancer Center

7 **NDSU Meats:** 9 a.m. to 5:30 p.m., Sheperd Arena room 103

8 **Moos, Ewes and More:** 10 a.m. to 2 p.m., NDSU Equine Center. The free, all-ages event features interactive agricultural and animal demonstrations, BBQ Bootcamp samplers and dairy product treats. For more information, contact Erika Berg at erika.berg@ndsu.edu or 1-9611 or Stacey Ostby at stacey.ostby@ndsu.edu or 1-7742.

10 **Faculty Senate Meeting:** 3:30 p.m., Memorial Union Prairie Rose room

11 **Study Abroad Fair:** 10 a.m. to 2 p.m., Memorial Union, Thundar's Den, Food Court

11 **Global Fest:** 6:30 p.m. to 8 p.m., Memorial Union Rec Center. Celebrate European cultures with food and fun.

11 **Science Café:** 7 p.m. to 8:30 p.m., Hotel Donaldson, "Why Stuff Sticks: Geckos, Bugs, Nanotechnology," Andrew Croll, assistant professor of physics

13 **Take Back the Night Rally and March:** The annual event features a short program at Festival Concert Hall, a solidarity march through campus and a candlelight vigil at the Memorial Union. For more information, contact Sarah Dodd at 1-5733 or sarah.dodd@ndsu.edu.

CALENDAR

13 Chemistry and Biochemistry seminar: 4 p.m., Ladd Hall room 107, "Light Switching Complexes, Neurodegenerative Diseases and Amyloid Aggregates: The Good, the Bad and the Ugly," Angel A. Marti, Department of Chemistry, Rice University

13 Meet the Firms: 4 p.m. to 7 p.m., Memorial Union Great Plains Ballroom

14 NDSU Meats: 9 a.m. to 5:30 p.m., Shepperd Arena room 103

17 Baseline safety training: 3 p.m. to 4 p.m., Memorial Union Mandan room

18 Baseline safety training: 9 a.m. to 10 a.m., Memorial Union Room of Nations

18 Global Perspectives on Civic Engagement: noon to 1 p.m., Memorial Union Arikara room. Students will present their 10-day service experience as volunteers for the GOD's CHILD Project in Guatemala.

18 The Lessons of 30 Years in Combating Poverty: 3:30 p.m. to 5 p.m., Memorial Union Century Theater. Patrick Atkinson, founder of the GOD's CHILD Project, presents his story of battling against poverty for more than 30 years.

19 Engineering and Tech Expo: 10 a.m. to 3 p.m., Fargodome

19 Supervisor Safety Training: 9 a.m. to 11 a.m., Memorial Union Lark room

19 Brown Bag Seminar: noon to 1 p.m., Memorial Union Arikara room, "The End is Near: The Maya Apocalypse of 2012," Bradley Benton. Co-sponsored by Equity and Diversity Center and Compass Program Foundation

20 Community of Respect Training: 9 a.m. to 3 p.m., Alumni Center Reimers room. Advance registration required at www.ndsu.edu/diversity/community_of_respect by Sept. 17. Sponsored by the Division of Equity, Diversity and Global Outreach

20 LunchOUT: noon. For meeting location, contact ndsu.pridenetwork@ndsu.edu. Sponsored by NDSU Pride Network

20 PeopleSoft HRMS Training: Full session: position, org charting and reports. RSVP to Elizabeth Thompson at 1-5922 or elizabeth.thompson.1@ndsu.edu.

21 NDSU Meats: 9 a.m. to 5:30 p.m., Shepperd Arena room 103

21 Five Years of Pride Network at NDSU celebration: noon to 1 p.m., Memorial Union Gallery. Sponsored by NDSU Pride Network

21 President's Diversity Series: 3 p.m., Memorial Union Century Theater, "The Value of Diversity in American Society: The Personal Odyssey of George C. Wright," George Wright, president of Prairie View A&M University. Sponsored by the Division of Equity, Diversity and Global Outreach

22 Football vs. Prairieview A&M: 3 p.m., Fargodome

22 Salsa Dance Night: 9:30 p.m. to 1 a.m., Memorial Union Great Plains room. Sponsored by the Equity and Diversity Center and Equity and Diversity Student Ambassadors with support from Campus Live.

24 Center for Writers Workshop: How to Use EndNote Web, 1 p.m. to 2 p.m., Industrial Agricultural and Communication Center 114. For more information, contact Karen Peirce at karen.peirce@ndsu.edu.

25 World iView Presentation: noon to 1 p.m., Memorial Union Meadow Lark room. "Lifelong Learning in the Context of Life-Threatening Diseases: A German Perspective," Astrid Seltrecht, postdoctoral research fellow, Department of Educational Sciences at the University of Frankfurt

25 Pan y Café + Spanish film/book exchange: 2 p.m. to 4 p.m., the Equity and Diversity Center. All are invited to celebrate the Spanish language.

26 LIVE REAL mentor basic session: 4 p.m. to 5 p.m., Memorial Union Rose room. Participants will learn about the effects of high-risk alcohol and drug use and how to take steps to promote an environment of safe and responsible attitudes toward alcohol at NDSU.

26 Brown Bag Seminar: noon to 1 p.m., Memorial Union Arikara room. "Stalking on the College Campus: What is It and What Can You Do About It?" Co-sponsored by the Equity and Diversity Center and Compass Program Foundation.

26-27 NDSU Bookstore Sidewalk Sale

27 FORWARD Ally Training: noon to 1:30 p.m., Memorial Union Meadow Lark room. Open to all male faculty. Register at www.ndsu.edu/forward.

27 Chemistry and Biochemistry Seminar: 4 p.m., Ladd Hall room 107, Felix N. Castellano, Department of Chemistry, Bowling Green State University

28 NDSU Meats: 9 a.m. to 5:30 p.m., Shepperd Arena room 103

28 Pride Network Brown Bag Meeting: noon. Contact ndsu.pridenetwork@ndsu.edu for meeting location.

OCTOBER

1-6 NDSU Homecoming: For more information, visit www.ndsuhomecoming.com.

3 Staff Senate meeting: 9:30 a.m. to 11 a.m., Memorial Union Ballroom

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

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