

# NDSU

VOLUME 4 ISSUE 10

IT'S HAPPENING AT STATE

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## NDSU introduces revised athletic logos and identity package

The NDSU athletic department recently introduced an official identity package including revised primary and secondary logos and a new custom typeface that will be used in athletic publications and team apparel.

The logo revisions were made to create consistency between the existing marks for an immediately recognizable and unified image both internally and externally.

"With our teams gaining more and more national exposure, we need to have a consistent look among all of our sports teams both on the field and off the field," said NDSU associate athletic director Troy Goergen.

NDSU previously used more than two dozen logo combinations available in two, three or four colors. The new identity package includes three logos only available in yellow and green.

The revisions will be implemented over time with some changes being made immediately and others happening through normal replacement, such as jerseys and team equipment. Changes within facilities will be made as cost allows.

From feedback the athletics department has received from Bison fans in response to the updated logos, they will be making some slight modifications to return some of the details in the logos that are important to fans. This will allow NDSU to stay current with industry trends and technology so that the brand looks and stays clean, strong and modern in all applications.

The logo revisions and typeface were developed from the existing shapes and letters by Pennsylvania-based Joe Bosack Graphic Design Co., which lists several professional and collegiate teams and organizations among its clients. NDSU's logo package was created by Flint Communications of Fargo and introduced in March 1999, replacing a 27-year-old mark. The secondary "head" logo was created by CI Sport of Fargo and released in July 2006.



## Tree Campus USA recognizes NDSU for environmental stewardship

NDSU was recognized this spring with 115 other colleges and universities as a Tree Campus USA campus. This is the first year NDSU was recognized as a Tree Campus USA campus. NDSU received the recognition by fulfilling five requirements and sending in an application to the Arbor Day Foundation.

The five requirements of the foundation are formation of a campus tree advisory committee, development of a campus tree care plan, a campus tree program with dedicated annual expenditures, an Arbor Day observance and a service learning project for students. NDSU can continue to be recognized by reapplying each year and having continued student involvement.

To celebrate the new status, a recognition ceremony is scheduled for Wednesday, June 20, at 11 a.m. in the Memorial Union.

Tree Campus USA was created in 2008 to honor college campuses and the leaders of their surrounding communities for promoting healthy urban forestry management and engaging the campus community in environmental stewardship.

For a complete list of campuses recognized by Tree Campus USA visit [www.arbordaynow.org/campuses.cfm](http://www.arbordaynow.org/campuses.cfm).

**NDSU** [www.ndsu.edu/ihas](http://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](http://www.ndsu.edu/news).

### Deadline set for June 29 It's Happening at State

The next electronic issue of It's Happening at State will be posted June 29 at [www.ndsu.edu/ihas](http://www.ndsu.edu/ihas). Submissions for that issue are due June 26.

### President Bresciani speaks at Land-Grant Summit

President Dean L. Bresciani spoke at the Great Plains Land-Grant Summit hosted at NDSU June 12-13. The event celebrated the 150th anniversary of the Morrill Act, which created land-grant universities such as NDSU. The transcript of President Bresciani's speech, titled "The Future of Land-Grant Universities: America Poised to Reinvent Itself Again," is available at [www.ndsu.edu/president/speeches/futureoflandgrantuniversities](http://www.ndsu.edu/president/speeches/futureoflandgrantuniversities).

## Reconstruction begins on Memorial Union parking lot

Reconstruction of the Memorial Union Pay Lot began June 1 and is scheduled for completion in early August. When completed, the project will significantly increase the number of spaces in the lot, according to Rob Lynch, transportation manager in Facilities Management.

The area will be closed off to vehicles and pedestrians but will not impede the Memorial Union's south entrance.

Alternate parking areas are:

- The Visitor's Pay Lot for guests, meetings and longer visits
- 30 minute timed zone in north side of CD Lot for short-term parking
- 30 minute timed zone in front of Ceres Hall for short-term parking
- 30 minute timed zone by the Library for short-term parking

## Print and Copy Services introduces new digital press



Digital press operators Chris Anderson, left, Dave Dynes and Frank Duray examine the "Skills for Academic Success" book cover, which was one of the first documents produced with the new technology in the Print and Copy Services production center in Morrill Hall.

Print and Copy Services has a new full-color digital press that can produce vibrant colors and glossy photos. The new machine provides higher quality color work but at the same low price and quick turnaround.

Print and Copy Services is one of the first in the state to have the new technology that reduces cracking and streaking, which was a problem with earlier digital color printers.

The new color machine is being used for NDSU business cards and other projects on heavier paper in addition to regular paper. It can print projects up to 11 inches by 17 inches, including full bleeds. Camera-ready jobs can be submitted online through Digital Storefront.

For more information, printing and copying options, or to view samples, visit [www.ndsu.edu/printandcopy](http://www.ndsu.edu/printandcopy), or contact Diane Ness, customer service manager, at [diane.ness@ndsu.edu](mailto:diane.ness@ndsu.edu) or 1-2000, or Monte Kelly, production manager, at [monte.kelly@ndsu.edu](mailto:monte.kelly@ndsu.edu) or 1-7410.

## Mobile app helps students find courses, navigate campus



Saumya Singh, left, and Ludvik Herrera developed an interactive mobile application to aid individuals taking Distance and Continuing Education courses.

Information on courses offered by NDSU Distance and Continuing Education now can come directly to your iPhone or iPad.

The new interactive mobile application, which has a variety of useful tools, has been recognized for excellence. The app received a 2012 Gold Addy Award in the Mobile Apps category from the American Advertising Federation of North Dakota.

Created through a collaboration of Distance and Continuing Education staff and a student employee, it is the first app in North Dakota created by NDSU staff and students for a university or college in the state.

Ludvik Herrera, new media coordinator for Distance and Continuing Education, led the project. "The app was designed for anyone interested in taking Distance and Continuing Education Courses – NDSU faculty, staff and students and NDSU visitors such as parents and prospective students," Herrera explained, noting the app is intended to be intuitive and easy to use. "It has many tools of benefit to everyone in the community, from an interactive campus map that can tell you directions to specific offices, to parking lots or bus shelters. It also has a Quick Response decoder/reader that can be of help now that QR tags are used on many publications and marketing pieces."

Student employee Saumya Singh is a graduate student studying computer science and made significant contributions to the project, making it a fine example of the outstanding creativity and quality of work offered by NDSU students. "Developing the app was a huge learning experience as it gave me insight into iPhone operating system development," she said. "I had to start everything from scratch, and finally coming up with the app, as it is today, was really satisfying."

"Getting an award for the very first app I developed feels great," Singh said, suggesting the app's easy-to-use design is what makes it stand out. "It was an elaborate procedure, taking days of brainstorming to figure out the actual presentation of the app and how to make it more usable to the targeted audience," she said. "The usability and the presentation of the app appealed to the judges, and we got the award for it."

The app is free and can be downloaded at <http://ndsu.me/dceapp>.

## Information Technology announces office relocations

Several units in the Information Technology Division are relocating office space within the IACC building in order to accommodate an upcoming expansion of the server area.

In early June, the Vice President for Information Technology office moved into IACC 206 from its previous location in IACC 204. IACC 206 will continue to also serve as the main office for the division.

Additional departmental relocations are tentatively scheduled during the summer months. More information regarding these changes will be forthcoming.

If you have questions regarding these office relocations, contact the Office of the Vice President for Information Technology at 1-5646 or [cece.rohwedder@ndsu.edu](mailto:cece.rohwedder@ndsu.edu).

## N.D. EPSCoR issues new faculty start-up call for proposals

NDSU department chairs, deans recruiting department chair positions and directors of the North Dakota Experimental Program to Stimulate Competitive Research-designated State Research Initiative are invited to submit proposals requesting start-up funds for tenure-track research faculty to be hired during fiscal year 2014.

The major goal of this program is to attract highly qualified tenure-track faculty to our research-intensive universities who will be nationally competitive for grants from federal agency research programs in science, engineering and mathematics.

Proposals are due in the North Dakota EPSCoR office prior to noon Sept. 6. Interviews with an external review committee will be held Oct. 23 and 24. Complete submission information can be found at [www.ndepscor.nodak.edu/rfps/index.htm](http://www.ndepscor.nodak.edu/rfps/index.htm).

For more information, contact Sheri Anderson, interim co-project director, at 1-7516 or [sheri.anderson@ndsu.edu](mailto:sheri.anderson@ndsu.edu) or Elizabeth Jung at 1-1048 or [elizabeth.jung@ndsu.edu](mailto:elizabeth.jung@ndsu.edu).

## Community of Science Funding Opportunities converts to Pivot

Community of Science has now transitioned to Pivot, a new and improved product for grant searching and expertise searching.

COS Funding Opportunities, which has been available via [www.cos.com](http://www.cos.com), will no longer be available after June 30. However, the same funding information is available to NDSU users in Pivot, which can be accessed at [pivot.cos.com](http://pivot.cos.com). If you have a COS account, your login userID and password will work for Pivot, and your saved searches, funding alerts and tracked records should automatically transfer to Pivot.

If you have questions or concerns about using Pivot, contact Kay Sizer at [kay.sizer@ndsu.edu](mailto:kay.sizer@ndsu.edu) or the Pivot Help Desk at [pivot.cos.com/helpdesk](http://pivot.cos.com/helpdesk). As you become accustomed to using Pivot, you are encouraged to access Pivot training videos, webinars and other materials available at [pivot.cos.com/support](http://pivot.cos.com/support).

## Agricultural and Biosystems Engineering offers assistantships

Two to three research assistantships are available for students to pursue their master's or doctoral studies in the Department of Agricultural and Biosystems Engineering. Funding for the assistantships is primarily from the North Dakota Agricultural Experiment Station. Depending on the projects a student chooses, partial support also may come from the North Dakota Corn Growers Association or other commodity groups, state or federal agencies.

One research assistantship is in the area of precision agriculture, including variable rate machinery calibration and testing, new equipment development, auto-steering and sensors. The remaining positions are in the bioenergy/bioprocessing area, including bioproducts from corn stover or corn grain, biomass handling and preprocessing, and bioproduct quality evaluation.

Funding is available for two years for master's study and three years for doctoral study, both starting immediately. Additional support may be available depending on project performance. For a master's degree, candidates with a bachelor of science degree in any field of engineering can apply. For the doctoral degree, a master's degree in any field of science and engineering is required.

Experience and background in the specific areas related to the project will be an advantage but not necessary. Candidates should be prepared to learn and work independently as well as in groups, and outside their current educational and research backgrounds. The assistantships are available only to U.S. citizens.

For additional information, contact Lori Buckhouse at 1-7273 or [lori.buckhouse@ndsu.edu](mailto:lori.buckhouse@ndsu.edu). To apply, go to [www.ndsu.edu/gradschool](http://www.ndsu.edu/gradschool).

## Students devise tool to display building's energy use



*Ty Pritchard, left, and Nick Lippert install TV monitors for the Renaissance Hall dashboard.*

Sometimes walls really can talk. With the help of architecture students, one of NDSU's oldest buildings, Renaissance Hall, truly communicates with its occupants.

The students designed and constructed a building dashboard. Similar to a dashboard in a car, it's an electronic interface that provides several bits of real-time information to assess the

building's performance. The Renaissance Hall dashboard, displayed on a two-sided kiosk on the ground-floor lobby, graphically communicates floor-by-floor energy usage information related to heating and cooling, outlet usage and lighting.

Architecture student Gabriela Baierle, who worked on the dashboard, said one function is to monitor the energy usage of the 1903 agricultural warehouse turned NDSU facility. But it also is important to present the information in a way that is understandable to the building occupants. "It also raises awareness as to how we use our buildings and how much impact on the environment comes from us," she said.

Peter Atwood, who recently graduated with a master's degree in architecture and assumed a major role with the project, said the dashboard is about developing a better relationship with the building so occupants can feel it is a place they belong. "This is one of the most important goals of architecture," he said.

The project is funded by a grant through the NDSU Student Technology Fee. The original proposal for the dashboard was titled "Technology for Feedback," and was created by several NDSU faculty and staff, including David Crutchfield, Bakr Aly Ahmed, Ben Bernard, Mike Christenson, Sumathy Krishnan and Malini Srivastava.

Many students helped make the project a reality after the proposal was approved. Atwood, Baierle, Nick Lippert, Tyler Pritchard, Malini Foobalan and Andrew Budke all played critical roles in the dashboard's development. This included organizing a student design/build competition to select the physical design of the dashboard kiosk and its graphical interface.

The project started in summer 2011 and will be ongoing, as students can continue to customize its graphics and add new features. This summer students will develop a documentation manual, outlining the dashboard's creation.

"I learned a lot about technology and building systems, but most importantly, I made an effort to learn how people, from visitors to faculty, would interact and learn from the interface we designed," Baierle said.

Atwood said he became more familiar with how a project flows from start to finish, and identifying what works and what doesn't. "I also learned a lot about both how a building's energy use and performance can be monitored and potential benefits of displaying this information to occupants."

Crutchfield said depending on the users' response to the information, it may result in reduced utility expenditures for the university over time. "Similar installations at other campuses throughout the country and world have provoked behavioral changes in occupants resulting in reductions in overall energy consumption," he said.

Atwood and Baierle would like to see building dashboards eventually implanted throughout campus. But for now, they hope students, faculty, staff and visitors will better understand Renaissance Hall.

Atwood said the purpose of the dashboard runs deeper than a green or cost-saving measure. "Ultimately I hope they gain a better relationship to the building they occupy, in whatever form that relationship might be," he said. "It's an attempt to reconnect people with buildings they occupy so they might feel a more profound idea of a specific space and place while they move throughout their lives."

## Students participate in Global Biosecurity and Policy Course



*Students and faculty in NDSU's master's program in infectious disease management and biosecurity attended a weeklong global policy course in Washington, D.C.*

Eight students from NDSU's master's program in infectious disease management and biosecurity recently participated in a weeklong global policy course in Washington, D.C. The students enrolled in the International Health Security, Policy and Biosecurity course gained an understanding and appreciation for international health regulations as applied by intergovernmental agencies and the potential implications of these regulations on animal and human health, global trade and food safety.

Margaret Khaitsa, associate professor of veterinary and microbiological sciences, co-instructed the course with Bill Sischo of Washington State University and Gene Hugoson of the University of Minnesota.

Students were given an opportunity to network with representatives of several intergovernmental organizations including, the Food and Agriculture Organization of the United Nations, World Trade Organization, World Organization for Animal Health, The World Bank and the U.S. Agency for International Development.

Several collaborations emerged from the course, including internship opportunities at Washington State University for two of the graduate students. Michael Muleme and Robert Mugabi will spend July working under the mentorship of Sischo and Donald Knowles of the USDA-Agricultural Research Service with projects on salmonellosis and East Coast fever, respectively. In addition, students were given an opportunity to contribute to a concept note that is being developed by staff at The World Bank to address climate-sensitive diseases, in particular East Coast fever, blue-tongue and Rift Valley fever.

Students from Washington State University, the University of Minnesota and the University of California-Davis attended the weeklong course.

NDSU's master's degree in international infectious disease management and biosecurity was approved Sept. 16, 2011.

## Photo documentary features work of NDSU photography class



Students in professor Ross Collins' advanced news photography course developed a student life documentary.

NDSU students created a photo documentary last spring as part of a communication course to feature their work and showcase what they learned throughout the semester. The documentary was titled "The Life of a Student" and includes photos from around campus and the Fargo community.

Ross Collins, professor of the advanced news photography course, has chosen a student life documentary in previous classes because he feels "it challenges student photographers to examine their daily lives in a new, visual way." Collins says this type of project is similar to a "day in the life" theme that has been popular among professional photojournalists.

In the class students learned how photojournalism differs from studio photography, advertising photography or conventional photography. They also learned to take photographs of near-professional quality suitable for mass media use and applied their knowledge for their portion of the documentary.

"I learned how to take good quality photos in this class. I also learned the basics of F-stop (lens speed), shutter speed and how to do some interesting out-of-the box techniques. Since I am going into computer science, this will help me be able to provide good pictures into the programs I write," said Shane White, a senior majoring in new media and web design.

This class is offered once a year for students without prior knowledge or courses in photography. The communication department also has introduced a new basic photography course that they can take before signing up for the specialized photography course.

To view the students' work visit [www.ndsu.edu/pubweb/~rcollins/studentwork2012/index.html](http://www.ndsu.edu/pubweb/~rcollins/studentwork2012/index.html).

## Graduate students collaborate on disease prevention

Graduate students in NDSU's master's program in infectious disease management and biosecurity are spending June working to prevent the spread of Rocky Mountain spotted fever across the San Carlos Apache Reservation in Arizona.

The students are collaborating with scientists from the Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases and Office of Infectious Diseases to reduce the number of infections in humans by controlling pet health.

Rocky Mountain spotted fever is a tick-borne disease that in humans causes fever, headache, aches and pains, stomach pain, red spots, red bumps or a rash that may appear on the hands and feet. At least 200 cases and 16 deaths from the disease have occurred in eastern Arizona since 2003.

In this new collaboration, NDSU students will focus on controlling brown ticks on dogs and around the home and controlling the populations of unwanted or stray dogs on the reservation. Prevention measures will include free spay/neuter surgeries, free collars and dog licenses, free tick collars and free pest management treatments for the home.

## PEOPLE

### Bison Leader Awards presented

The NDSU Student Government Congress of Student Organizations hosted the 2012 Bison Leader Awards April 30 in the Memorial Union. Approximately 100 people attended the event, which recognizes outstanding initiatives by students and advisers, and important events that give NDSU character and pride.

"Community Service Program of the Year" was presented to Students Today Leaders Forever Pay It Forward Tour. The tour involved 80 NDSU students who traveled city-to-city for eight days in March conducting service projects.

"Cultural/Diversity Program of the Year" went to the Black Student Association for hosting Pan African Night on Feb. 18. The event showcased elements of African and African American cultures, such as fashion, music and dancing.

Bison Ambassadors, a student public relations organization sponsored by the NDSU Alumni Association, received the "Student Organization of the Year" award. The group helps with several NDSU events throughout the year, such as Welcome Week, Homecoming and Senior Day.

Bison Ambassadors also won "Social Program of the Year" for the Western Illinois Football Away Game Celebration. The program offers students, faculty and staff a safe, alcohol-free event to enjoy a Bison football away game.

"Student Leader of the Year" went to Sarah Schaaf, president of Bison Ambassadors.

Julie Schroer, lecturer and adviser for biological sciences, received "Outstanding Adviser of the Year" for her commitment to working with several student groups, including the American Medical Student Association, Pre-Med Student Association, Pre-Dentistry Club and Pre-Physician Assistant Club.

"We host the Bison Leader Awards to recognize some of the most impressive student leaders, organizations, events and advisers on our campus," said Alice Arentson, executive commissioner of the Congress of Student Organizations. "This is to show that we appreciate all of their hard work and contributions to campus."

The Congress of Student Organizations commission, comprised of eight students, selects the award recipients.

## Information Technology Division announces new hires



**Sobiech**

The Information Technology Division has named Steve Sobiech as NDSU IT help desk manager.

Sobiech has worked for the IT Division since 2001, when he started as a student employee at the help desk. In 2006, Sobiech was hired as a non-student employee in the division.

Sobiech served as assistant help desk manager from 2007 to May 2011, when he took on the role of interim help desk manager when former manager John Underwood took a position with the North Dakota University System information technology services department.



**Carlson**

In 2008, Sobiech earned his IT Infrastructure Library V3 Foundation certification, demonstrating his comprehensive knowledge regarding information technology help desk support. He earned his bachelor's degree from NDSU in 2006.

The Information Technology Division also hired Kim Carlson as its administrative secretary.

Prior to coming to NDSU, Carlson worked as an office manager and project manager for KJ International and as an office and administrative specialist at Metropolitan State University, both in Minneapolis.

Carlson earned her bachelor's degree in social work from Concordia College in Moorhead.

## Animal sciences hires lab technician

Jena Peine joined the Department of Animal Sciences as a three-quarter-time ruminant nutrition laboratory technician. In addition to working in the lab, Peine will be working toward her master's degree under the direction of Joel Caton, professor of animal sciences.

Peine, a Vermillion, Minn., native, graduated from NDSU in May with bachelor's degrees in animal science and microbiology and a minor in chemistry.

## Graduate students to attend Green Chemistry Summer School



*Graduate students Nandini Vallavoju, left, and Elango Kumarasamy, right, with associate professor Sivaguru Jayaraman, middle.*

Third-year chemistry graduate students Nandini Vallavoju and Elango Kumarasamy were selected for the American Chemical Society Green Chemistry Summer School to be held at the University of Colorado, Boulder, Colo., in June and July.

The summer school aims to train future generation students and scholars to implement green chemistry in all fields of science and to design chemical transformations that eliminate use and generation of hazardous substances.

The program includes presentations by leading researchers in sustainability green chemistry, laboratory experiments, poster presentations and group discussions in solving global sustainability challenges.

"Both of them are working in the area of lighted induced reactions with an eye toward developing green chemical processes. This summer school initiative will help both of them as it aims to nurture future leaders in the field of green chemistry," said Sivaguru Jayaraman, associate professor of chemistry and biochemistry.

The summer program is sponsored by a donation from the American Chemical Society Petroleum Research Fund.

## Student-athletes garner academic honors

NDSU student-athletes recently were announced to All-Academic teams for their achievements in athletics and academics.

NDSU baseball players Zach Wentz and Tim Colwell were named to the Capital One Academic All-America first team June 1 by a vote of the College Sports Information Directors of America. NDSU golfers Amy Anderson and Nathan Anderson and wrestler Tyler Johnson were named to the Capital One Academic All-America at-large teams June 7, also by a vote of the College Sports Information Directors of America.

Wentz is a senior third baseman from Bismarck, N.D., majoring in health and physical education with a 3.95 cumulative grade-point average, and Colwell is a sophomore center fielder from Shoreview, Minn., majoring in university studies with a 4.0 GPA.

Amy Anderson is a junior from Oxbow, N.D., and made the first team with a 3.96 cumulative GPA in accounting and a minor in fraud investigation. Nathan Anderson is a junior from Oxbow, N.D., and made the second team with a 4.0 cumulative GPA in accounting and a minor in fraud investigation.

Johnson, is a senior from Bismarck, N.D., and made the second team with a 4.0 cumulative GPA in biology with a minor in chemistry.

To be eligible for Capital One Academic All-America honors, student-athletes must have a 3.30 or better cumulative grade-point average on a four point scale, sophomore athletic standing and be a starter or key reserve for their team.

The Western Wrestling Conference also announced its All-Academic Team and Coaches' Honor Roll for the past season.

NDSU wrestlers named to the All-Academic Team:

- Tyler Johnson, 174, senior in biological sciences with a 4.0 GPA
- Justin Solberg, 133, senior in business administration with a 3.43 GPA
- Trent Sprenkle, 125, junior with an undecided major and a 3.74 GPA

NDSU wrestlers named to the Coaches' Honor Roll :

- Tyler Diamond, 141, junior in social science with a 3.10 GPA
- John Gusewelle, 197, redshirt freshman in mechanical engineering with a 3.43 GPA
- Kameron Hamley, 141, freshman in computer engineering with a 3.17 GPA
- Paul Johnson, 141, junior in pharmacy with a 3.16 GPA
- Evan Knutson, heavyweight, freshman in exercise science with a 3.71 GPA
- Steven Monk, 157, sophomore in physical and health education with a 3.01 GPA
- Michael Wilde, 184, redshirt freshman in criminal justice with a 3.38 GPA

To qualify for the All-Academic team, student-athletes need a minimum 3.20 cumulative GPA, be a starter or key reserve and be a sophomore or higher in academic standing. The Coaches' Honor Roll recognizes student-athletes who have maintained a 3.0 cumulative GPA.

## EVENTS

# Information Technology Services announces training schedule

Information Technology Services announced its summer training schedule, which is available at [www.ndsu.edu/its/training/facstaff](http://www.ndsu.edu/its/training/facstaff). Class descriptions and registration information also are provided at the website.

All sessions are free and open to any faculty or staff member. Students also are welcome to register and attend on a space-available basis. All sessions will be held in the Information Technology Services Training room in IACC room 246.

Pre-registration is required and sessions begin Tuesday, June 26. Space is limited and sessions tend to fill quickly. A waiting list is available if a session is already full.

The classes include:

### Access 2010

Three different Access 2010 classes are available: Access 2010: Database Essentials for New Users, which was formerly Database Basics; Access 2010: Part One; and Access 2010: Part Two. Those new to Access and/or any other relational database system should select the three-hour Database Essentials for New Users session before moving onto the six-hour Part One session. The six-hour Part Two session continues building on the things learned in the first two classes.

Information Technology Services suggests taking the classes in sequence. Experienced Access users may skip Database Essentials for New Users and go directly into the other two sessions.

### Blackboard Training

A full schedule of Blackboard training will be available in August to help prepare for fall semester classes. The Blackboard training schedule will be posted at [www.ndsu.edu/its/training/facstaff](http://www.ndsu.edu/its/training/facstaff) the beginning of August.

### CMS (TYPO3) Training

Three difference content management system training sessions are available this summer. CMA (TYPO3) Basics is available June 26 and 27 for those getting started with TYPO3. Experienced users can register for CMS (TYPO3): Working with Images on June 28 or CMS (TYPO3): Menus and Email Forms on June 29.

### Excel 2010

Excel 2010 for Windows: Worksheet Basics is intended for those new to using Excel. In this session attendees will learn the worksheet basics needed to create and modify spreadsheets. Information Technology Services plans to offer additional intermediate levels of Excel training later this summer and fall.

### Atomic Learning – Free to NDSU

NDSU students, faculty and staff now have full access to a large library of on-demand instructional videos from Atomic Learning courtesy of NDSU Distance and Continuing Education. The Atomic Learning library covers a wide range of popular software titles and applications. Users can access Atomic Learning at <https://secure2.atomiclearning.com/sso/cas/ndsu> and work at their own pace. Use the same username and password used to log in to Blackboard at NDSU.

Please note that sessions with multiple days listed in the schedule are continued on each of the days. They are not the same sessions repeated on different days.

Click the "Register" button at the bottom of the registration form to complete registration. If using the correct and complete email address, an automatic confirmation notice will be received via email shortly after registering. If it isn't received within one hour, contact Lorna Olsen at 1-6328 to check registration.

Cancellations must be made 48 hours prior to the start of the registered session. The attendee's department will be assessed a \$25 fee for late cancellations or no shows.

For more information, contact Olsen at 1-6328 or Cj Johnson at 1-6245.

## Research Extension Centers schedule annual field days

This month the NDSU Extension Service kicks off its annual series of field days and tours at sites throughout North Dakota. The events feature speakers, presentations and tours covering a diverse array of topics.

The first event will be June 27 at the Central Grasslands Research Extension Center near Streeter, N.D. Larry Corah, a vice president of Certified Angus Beef, will give the keynote address. Corah, well known throughout the U.S. and Canada for providing a vision of the future for the beef industry, will discuss using premium quality grade targets to increase profits.

The Northern Hardy Fruit Evaluation Project will be the focus of one of the three tours offered during the NDSU Carrington Research Extension Center's annual field day July 17. Kathy Wiederholt, fruit project manager, will lead a tour of the center's fruit orchard. The project was established in 2006 to introduce and demonstrate alternative, economically viable fruits that will grow in North Dakota.

The full schedule of field days include:

- June 27: Central Grasslands Research Extension Center – Streeter, N.D.
- July 10: Research Extension Center – Hettinger, N.D.
- July 11: Research Extension Center – Dickinson, N.D.
- July 16: Agronomy Seed Farm – Casselton, N.D.
- July 17: Research Extension Center – Carrington, N.D.
- July 18: North Central Research Extension Center – Minot, N.D.
- July 19: Research Extension Center – Langdon, N.D.
- July 24: Research Extension Center – Williston, N.D.
- July 25: Nesson Valley Irrigation Tour – Williston, N.D.
- July 31: Irrigation Research Site – Oakes, N.D.

For more information, visit [www.ag.ndsu.edu/extension](http://www.ag.ndsu.edu/extension).

## NDSU to host meat science conference at the Fargodome

The NDSU Department of Animal Sciences is slated to host the 65th American Meat Science Association's Reciprocal Meat Conference June 17-20 at the Fargodome. The conference serves as the annual meeting for the association, which is the foremost group of meat science professionals in the United States. The event features an interactive program tailored to bring attendees an inspiring educational experience, according to conference organizers. Approximately 600 attendees are expected.

The schedule and program for the conference are available at [www.meatscience.org/rmc](http://www.meatscience.org/rmc).

## NDSU offers master gardener classes

NDSU is scheduled to kickoff the 2012 Master Gardener Program Aug. 17. The classes will originate from NDSU and be broadcast to 15 sites across the state through the Interactive Video Network system.

The classes will start Friday, Aug. 17, and finish Friday, Oct. 5. Classes will run from 8:30 a.m. to 12:30 p.m. (Central time) for eight weeks. The locations to view the program are Ashley, Bismarck, Bowman, Cando, Cooperstown, Devils Lake, Dickinson, Fargo, Grand Forks, Jamestown, Minot, Napoleon, Wahpeton, Watford City and Williston Research Extension Center.

"Participants will be well schooled in the basics of plant and soil science, perennial and annual flowers, plant pathology, entomology and weed control," says Ron Smith, NDSU Extension Service horticulturist. "Also, participants will receive information on woody and herbaceous plants, aspects of fruit and vegetable production, square foot gardening and landscape design, plus tree selection and care."

The cost of the program is \$100 for volunteers and \$200 for non-volunteers. Once the classwork is finished, volunteers need to complete 48 hours of approved work through their county NDSU Extension Service agent. Once requirements are fulfilled, they are eligible to become certified master gardeners.

For more information about the location of the Interactive Video Network meeting place in your area or to register, contact your local NDSU Extension Service office or visit [www.ag.ndsu.edu/mg](http://www.ag.ndsu.edu/mg). The registration deadline is Wednesday, Aug. 1.

## North Dakota youth build character at Governor's School

For many students, Governor's School provides a springboard to a fulfilling college and professional career. For others, it develops leadership and character. More than 80 of North Dakota's brightest minds are realizing that potential life-changing experience during the next six weeks.

Governor's School is a state-sponsored and funded program hosted at NDSU each summer since 1990. The 2012 school opened June 3 and runs through July 14. Each year, North Dakota high school sophomores and juniors get the college experience by living at NDSU and studying laboratory science, mathematics, information technology, English studies and visual arts – theatre arts and visual arts alternate each year.

2012 marks the 23rd Governor's School and Lonnie Hass, the program's longtime director, said he frequently sees leaders develop and emerge after arriving on campus. "It's not just academics," Hass said. "We're showing students how to cooperate, develop character and be leaders. It's important to learn how to take care of each other. The youth of North Dakota are one of our priceless commodities."

In addition to a wide variety of academic experiences ranging from classroom work to field trips, Governor's School students take part in service-learning activities. In 2011, they collected more than 3,000 pounds of food for the Emergency Food Pantry in Fargo.



"A big focus for us is getting them into the realization that community service is an expectation in life," Hass said. "When people encounter hardship, we step up and help."

Students attend life and leadership classes and travel to Minneapolis to tour 3M and visit the Science Museum, Valley Fair and Art Institute. The 2012 group also will visit the Guthrie Theater and Minneapolis Sculpture Garden near the Walker Art Center, in addition to a weekend canoeing the Crow Wing River in Minnesota.

"We want to find that spark in a student and give it the chance to burst into a flame," Hass said. "The idea is that we support the students. That's the strength of Governor's School."

Governor's School alumni praise the impact the program has had on their lives. A Carrington, N.D., native, Mike Chambers attended the Governor's School laboratory science program in 1992 and got hands-on experience in the USDA Agricultural Research Center's sugar beet research lab. "I got to look under a microscope and see things people hadn't seen before," he said. "I learned that I love laboratory research. There was no doubt in my mind I wanted to go to NDSU after Governor's School."

Chambers pursued research on biotechnology, microbiology and chemistry at NDSU, where he began creating the technology he would eventually spin off into Aldevron, a customized plasmid, protein and antibody services company. Chambers founded the company, which is headquartered in Fargo with offices in Madison, Wis., and Germany, in 1998. "Everything we're doing now has its roots in Governor's School," he said.

For more information on Governor's School, visit [www.ndsu.edu/govschool](http://www.ndsu.edu/govschool) or contact Kelly Gorz at [ndsu.govschool@ndsu.edu](mailto:ndsu.govschool@ndsu.edu) or 701-231-6727.

## PUBLICATIONS/PRESENTATIONS

### Professor to present keynote at engineering conference



Katti

Dinesh Katti, professor of civil engineering, is scheduled to be a keynote speaker at the joint conference of the Engineering Mechanics Institute and the 11th American Society of Civil Engineers Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability. Katti's talk is scheduled for Tuesday, June 19, at the University of Notre Dame.

The title of Katti's presentation is "Molecular Interactions Impact the Mechanics of Nanomaterials: A Paradigm Shift in Mechanics." He will describe the role of molecular interactions and nano- and micro-architecture on the mechanics of nanomaterials, including biological and synthetic nanocomposites and smectite clays.

Other keynote speakers include Jonathan Bray of the University of California, Berkeley; Marianna Braza of the National de Recherche Scientifique Institut de Mécanique des Fluides de Toulouse; George Karniadakis of the Massachusetts Institute of Technology; Anne S. Kiremidjian of the University of Stanford; and Michael S. Sacks of the University of Texas at Austin.

### Agribusiness, economics faculty deliver, present at conferences



Koo

Two faculty members from the Department of Agribusiness and Applied Economics recently took part in conferences.

Won Koo, professor and director for the Center for Agricultural Policy and Trade Studies, delivered a keynote address at the 13th Annual Conference of International African Academy of Business Development in El Jadida, Morocco, May 16.

In his address, Koo discussed Africa's economic development strategy under globalized trade environment. His presentation was focused on economic development policy under a dual economic system in which the economy is divided into agricultural and industrial sectors.



Shaik

Koo argued that nations in Africa should focus first on the development of the agricultural sector and then the industrial sector on the basis of the nations' resource endowments. At the conference, Koo received an outstanding research award for his research on economic development and trade.

Saleem Shaik, assistant professor of agribusiness and applied economics, presented two abstracts at the North American Productivity Workshop held at Rice University in Houston June 6-9. His presentations were titled "Alternative Panel Stochastic Models to Evaluate the Importance of Farm Programs/Crop Insurance on Efficiency/Productivity" and "Short/Long-run World Agriculture Efficiency (Technical) Measures."

The North American Productivity Workshop and its companions, European Workshop on Efficiency and Productivity Analysis and Asia-Pacific Productivity Conference bring together academic scholars and practitioners in the field of productivity and efficiency analysis from all over the world. The workshop includes theoretical and empirical papers on productivity, production theory and efficiency measurement in economics, management science, operations research, public administration and related fields.

Historically, empirical papers have addressed such general topics as education, health, energy, finance, agriculture, transport, utilities and economic development, among others. For more information, visit <http://economics.rice.edu/~napw2012>.

### Human development and education faculty present, publish

Lori Quintus of Century High School in Bismarck, N.D.; Stacy Duffield, associate professor; Mari Borr, and Larry Napoleon and Anita Welch, assistant professors in the School of Education; had an article, titled "The Impact of the Cornell Note-Taking Method on Students' Performance in a High School Family and Consumer Sciences Class," accepted for publication in the Spring/Summer 2012 issue of the Journal of Family and Consumer Sciences Education.

Brad Strand, professor of health, nutrition and exercise sciences,

served as an invited delegate from the United States to the Global Forum on Physical Education Pedagogy held in Velen, Germany, May 9-11. Strand was one of 60 delegates who represented 40 countries. He presented a paper titled "Let's Move in School – AAHPERD's Prevention Policy of Active Living in U.S. Schools."

Gary Liguori, associate professor of health, nutrition and exercise sciences, and John Schuna Jr., wellness doctoral student, along with colleagues in Colorado, had the manuscript "An Objective Assessment of Children's Physical Activity During the Keep It Moving! After-School Program" accepted into the Journal of School Health. The same group will present the abstract at the upcoming American College of Sports Medicine Annual Meeting in San Francisco.

The BBC interviewed Kevin Miller, assistant professor of health, nutrition and exercise sciences, about his research. He discussed why sodium losses and dehydration might not be the cause of muscle cramping. The interview can be found on the BBC's website at [www.bbc.com/future/story/20120430-are-cramps-due-to-lack-of-salt](http://www.bbc.com/future/story/20120430-are-cramps-due-to-lack-of-salt).

WooMi Jo Phillips and Amelia Asperin, assistant professors of apparel, design and hospitality management, and Kara Wolfe, former NDSU apparel, design and hospitality management faculty and associate professor and hospitality leadership director at Bradley University, will be presenting a paper, titled "Effects of Food Neophobia and Attitude Toward Consuming Unfamiliar Cuisine" at the 2012 Asia Pacific Tourism Association Conference, Taipei, Taiwan, in June.

Abby Gold, assistant professor of health, nutrition and exercise sciences and Extension, had the article "Creating a Minnesota Statewide SNAP-Ed Program Evaluation" accepted for publication in the Journal of Extension.

Joel Hektner, associate professor of human development and family science, has co-written two articles with Brandi Niemeier, a former doctoral student who holds a faculty position at the University of Wisconsin-Whitewater. "Weight-related Health Behaviors and Body Mass: Associations Between Young Adults and Their Parents, Moderated by Parental Authority" will be in the American Journal of Health Education. "Parent Participation in Weight-Related Health Interventions for Children and Adolescents: A Systematic Review and Meta-analysis," also was co-written with Kathy Enger, former School of Education faculty member, and will be in Preventive Medicine.

For the second straight year, athletic training graduates had a 100 percent first-time pass rate on their national certification exam.

## SHORTS AND REMINDERS

### NDSU drug, alcohol policies available for viewing

To combat the negative consequences associated with drug and alcohol abuse, NDSU complies with all state and federal laws regarding drug and alcohol policies – North Dakota State Board of Education policy governing alcohol use on campus, the Drug-Free Workplace Act of 1988, Public Law 100-690 and the Drug-Free Schools and Communities Act Amendments of 1989, Public Law 101-226.

Information on university policy is available from a variety of sources. The State Board of Higher Education policy 918 "Alcoholic Beverages" is available at [www.ndsu.edu/makers/procedures/sbhe/default.asp?PID=18&SID=10](http://www.ndsu.edu/makers/procedures/sbhe/default.asp?PID=18&SID=10).

The brochure "Policy Statement and Regulations on Alcohol and Other Drugs and the Unlawful Use by Students, Faculty and Staff" is available at Bison Connection, the Registration and Records Office or the Main Library.

The complete NDSU policy 155, "Alcohol and Other Drugs: Unlawful and unauthorized use by students and employees," can be found at [www.ndsu.edu/fileadmin/policy/155.pdf](http://www.ndsu.edu/fileadmin/policy/155.pdf).

A portion of NDSU Policy 155 reads, "The university prohibits the unlawful or unauthorized use, possession, storage, manufacture, distribution, or sale of alcoholic beverages and any illicit drugs or drug paraphernalia in university buildings, any campus area, in university housing units, in university vehicles or at any university affiliated events held on or off campus, which are sponsored by students, employees and their respective campus organizations."

For questions regarding the policies or alcohol and drug abuse, visit the NDSU Alcohol and Drug Prevention website at [www.ndsu.edu/alcoholinfo](http://www.ndsu.edu/alcoholinfo) or contact Erika Beseler Thompson, assistant director for alcohol and other drug abuse prevention, at 1-5478 or [erika.beseler@ndsu.edu](mailto:erika.beseler@ndsu.edu).

### NDSU employees urged to learn CPR

The North Dakota Public Employees Retirement System and American Heart Association urge NDSU employees to learn cardiopulmonary resuscitation during June, which is national CPR month.

Seventy percent of Americans may be helpless to act during a cardiac emergency because they do not know CPR or their training has significantly lapsed. Learn how to perform hands-only CPR in just 60 seconds with a video at [www.handsonlycpr.org](http://www.handsonlycpr.org).

According to the American Heart Association, less than one-third of cardiac arrest victims get CPR from a bystander.

If you see an unresponsive adult who is not breathing or not breathing normally, call 911 and push hard and fast in the center of the chest. Nearly 400,000 out-of-hospital cardiac arrests occur annually and approximately 80 percent of cardiac arrests occur at home.

### Bookstore offers gift card promotion

The NDSU Bookstore is offering a free gift card promotion June 25-29. The purchase of a Champion-brand item worth \$60 or more will result in a free \$10 gift card to the store, while supplies last, according to Diane Wadholm, NDSU Bookstore promotions coordinator. The Bookstore, located in the Memorial Union, is open 7:30 a.m. to 4 p.m., Monday through Friday.

## Faculty and staff parking permits available

NDSU faculty and staff parking permits for the 2012-13 academic year are available for sale at the Parking and Transportation Office in Thorson Maintenance Center. Permits may be purchased Monday-Friday, 8 a.m. to 3:30 p.m.

The annual parking permit fee for the 2012-13 academic year is \$155. The fee is deducted from full- and part-time, benefited employees' paychecks starting with the Sept. 15 paycheck. Employees may choose between one deduction of \$155 or 10 payroll deductions of equal increments. Non-benefited and temporary employees may pay by cash or check. Faculty and staff permits are non-refundable and each employee is eligible for one parking permit. Permits become valid upon purchase and expire Aug. 15, 2013.

It is recommended that all faculty and staff on campus during the summer months secure their permit prior to June 30. This year, faculty and staff permits will be unavailable from July 1-31 to allow parking staff to focus on student permit sales and student orientation. In addition, employees securing permits after Aug. 1 can expect significant waiting times at the Parking Office.

Fargodome 2012-13 "Park and Ride" parking permits are available for \$60. Information about transit from the Fargodome lot is available at [www.ndsu.edu/parking](http://www.ndsu.edu/parking). Faculty and staff wanting to forego their assigned lot are welcome to use the economical alternative. Fargodome permits are not valid anywhere except Fargodome lots C, D or E and are not valid in conjunction with any other permit.

This year, Departmental Service Vehicle permits are being replaced with dashboard placards. New placards will be issued to all departments later in the summer, with additional information provided at that time.

For more information, email the Campus Parking Office at [NDSU.parking@ndsu.edu](mailto:parking@ndsu.edu) or call 1-5771. Complete NDSU parking regulations are available at [www.ndsu.edu/parking](http://www.ndsu.edu/parking).

## SU Impact proposals sought

The NDSU Development Foundation is again seeking grant proposals for projects that have an immediate and positive impact on the educational experience of NDSU students.

The foundation is offering major grants of \$20,000 to \$75,000 through the SU Impact Fund Grant Program. Available to faculty, staff and recognized student groups, the program is funded by unrestricted contributions received from alumni, parents and friends, and proceeds from the annual Bison Bidders Bowl.

According to program criteria, successful proposals will receive funding one time. However, the actual expenditure of grant funds may take up to three years. Programs or a proposed project should not be a portion of a larger program, unless the grant is requesting matching funds. In addition, successful grant requests should clearly recognize the Development Foundation SU Impact Fund as the source of funding.

Applications are due to the Development Foundation by Aug. 10. The completed form may be submitted to [joann@ndsualumni.com](mailto:joann@ndsualumni.com).

The Grants and Awards Committee will select a group of finalists for additional consideration who will be invited to make 10-minute presentations to the committee during its Homecoming meeting on Oct. 4. Notification of awards is scheduled for Oct. 8.

For more information about the program and an application form, visit [www.ndsufoundation.com](http://www.ndsufoundation.com) and access the campus resources section of the website.

## SHORTS & REMINDERS

### 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](http://www.ndsu.edu/jobs).*

#### Nursery Technician/#00020146

North Dakota Forest Service  
\$28,670+/year  
Open until filled

#### Web Design Technician

Library  
\$33,500+/year  
June 19

#### Administrative Assistant/Project Coordinator – Located in Hettinger, N.D.

Nursing  
\$28,000+/year  
Open until filled

#### Administrative Secretary

Military Sciences  
\$23,000+/year  
June 19

#### Administrative Secretary Fort Berthold Extension Office, New Town, N.D.

\$26,000 minimum/year  
Open until filled

#### Software Engineer

Center for Nanoscale Science and Engineering  
Commensurate with experience  
Open until filled

#### Disability Specialist

Disability Services  
\$28,000+/year  
Open until filled

#### Graduate School Recruitment Specialist

Graduate School  
\$32,000+/year  
June 15

#### Financial Aid Administrator

Student Financial Services  
\$37,000+/year  
June 25

#### Cook

Dining Services  
\$12.50+/hour  
June 22

## CALENDAR

## JUNE

15-July 20 Memorial Union Gallery  
Exhibit: The Non-Repeatable Print

15-July 20 Memorial Union Gallery  
Exhibit: L.A. Huffman: Photographer of the American West

18-21 NDSU 4-H Extension Youth Conference

18-22 Junior Vehicle Engineering Workshop: 9 a.m. to noon and 1 p.m. to 4 p.m., SGC room D109. NDSU Distance and Continuing Education invites students in 1st through 8th grade to build and modify vehicles using LEGO kits. For more information, visit [www.ndsu.edu/dce/non-credit/conferences](http://www.ndsu.edu/dce/non-credit/conferences).

19 BisonArts Gala: 5:30 p.m. to 8:30 p.m., NDSU President's House. For more information, visit [www.ndsualumni.com/netcommunity/bisonartsgala](http://www.ndsualumni.com/netcommunity/bisonartsgala).

19 Audrey Olson Farewell Reception: 2 p.m. to 4 p.m., Memorial Union Prairie Rose room

19 Animal Sciences Final Defense Seminar: "Effects of Maternal Nutrition, Intrauterine Growth Restriction (Iugr) and Estrogen (E2) Supplementation on Placental and Fetal Intestinal Growth and Development in Sheep," Roza Yunusova, 9 a.m. to 10 a.m., Hultz Hall room 104

19-22 Mental Health First Aid Certification Training: 8 a.m. to 11 a.m., Memorial Union. Open to 25 NDSU faculty, staff and students. For more information, call the NDSU Counseling Center at 1-7671 or visit [www.mentalhealthfirstaid.org](http://www.mentalhealthfirstaid.org).

20 Center for Writers Workshop: Authors Out Loud: Inspiring Writers of Tomorrow, 9:30 a.m. to 11 a.m., Memorial Union Room of Nations. For more information, contact Karen Peirce at [karen.peirce@ndsu.edu](mailto:karen.peirce@ndsu.edu).

20 BBQ Boot Camp: 10 a.m. to noon, Fargodome. For more information, visit [www.ndsu.edu/bbqbootcamp](http://www.ndsu.edu/bbqbootcamp).

21 PeopleSoft HRMS Training: Position and org charting. RSVP to Elizabeth Thompson at [elizabeth.thompson.1@ndsu.edu](mailto:elizabeth.thompson.1@ndsu.edu) or 1-5922.

22 Orientation and Student Success: Transfer Orientation

22-24 Summer Leadership Institute: The three-day program is for all incoming students to become acclimated to NDSU and get involved early in their college careers.

25-29 Orientation and Student Success: Freshman/Family Orientation

26-28 TRIO Program: High School Upward Bound Living Learning Experience

27 Central Grasslands Research Extension Center Field Day: 9:30 a.m., Streeter, N.D.

28 BBQ Boot Camp: 5 p.m. to 8 p.m., Williston Research Extension Center. For more information, visit [www.ndsu.edu/bbqbootcamp](http://www.ndsu.edu/bbqbootcamp).

## JULY

4 Independence Day: University closed

9-12 Orientation and Student Success: Freshman/Family Orientation

10 Hettinger Research Extension Center Field Day: Hettinger, N.D.

11 Dickinson Research Extension Center Field Day: Dickinson, N.D.

16 Casselton Agronomy Seed Farm Field Day: Casselton, N.D.

16 Plant Sciences Graduate Student Farewell Reception and Exit Seminar: "Nitrogen Uptake and Biomass and Ethanol Yield of Biomass Crops as Feedstock for Biofuel," Robynn Anfinrud, 3 p.m., Loftsgard Hall room 114

16 BBQ Boot Camp: 5 p.m. to 8 p.m., Burleigh County 4H Center. For more information, visit [www.ndsu.edu/bbqbootcamp](http://www.ndsu.edu/bbqbootcamp).

17 Carrington Research Extension Center Field Day: 9 a.m., Carrington, N.D.

18 North Central Research Extension Center Field Day: 9 a.m., Minot, N.D.

18 BBQ Boot Camp: 5 p.m. to 8 p.m., North Central Research Extension Center. For more information, visit [www.ndsu.edu/bbqbootcamp](http://www.ndsu.edu/bbqbootcamp).

19 Langdon Research Extension Center Field Day: Langdon, N.D.

24 Williston Research Extension Center Field Day: Williston, N.D.

25 New Employee Orientation Session: 8 a.m. to 3:30 p.m., Memorial Union Great room. Please RSVP to Christine Gauthier, benefits coordinator in the Human Resources/Payroll Office, at [christine.gauthier@ndsu.edu](mailto:christine.gauthier@ndsu.edu) or 1-5602.

25 Center for Writers Workshop: Persuasion: A Crash Course for Scientists, 11 a.m. to noon, Memorial Union Room of Nations. For more information, contact Karen Peirce at [karen.peirce@ndsu.edu](mailto:karen.peirce@ndsu.edu).

MORE CAMPUS EVENTS [www.ndsu.edu/eventcalendar](http://www.ndsu.edu/eventcalendar)

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