

# NDSU

VOLUME 3 ISSUE 20

IT'S HAPPENING AT STATE

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## Provost names UGPTI interim director; launches national search



**Bilen-Green**

Canan Bilen-Green, professor of industrial and manufacturing engineering, has been named interim director of the Upper Great Plains Transportation Institute at NDSU, Provost Bruce Rafert announced Oct. 19.

A national search for a permanent director also is under way. Rafert named Gary Smith, dean of engineering and architecture, to be chair of the search.

The search committee will be named soon, and Rafert expects the search to conclude around March 1.

Bilen-Green has exceptional credentials for the role, Rafert said. "Dr. Bilen-Green brings a wealth of experience to this position – having served on a number of projects with UGPTI members, as executive director of the NSF Advance FORWARD project, and as a person with a deep understanding of policy implementation and use."

Her role will be to work closely with UGPTI staff to transition a large number of complex research and education projects, which are key to the institute's operation. "The primary source of financial support for more than 90 percent of the institute's activities is

obtained via competitive grants and contracts – many of which are in key phases of proposal preparation – with impending due dates," Rafert said.

Bilen-Green earned her doctorate at the University of Wyoming and has been with NDSU since 1998. She teaches a variety of industrial and manufacturing engineering, transportation and logistics, and managerial logistics courses. Her research is in quality management in higher education, statistical process control and applied operations research. Since coming to NDSU, she has twice been a summer NASA research fellow.

In addition to extensive service roles, Bilen-Green leads the NDSU Advance FORWARD grant project, an NSF funded effort aimed specifically at advancing women faculty in science, technology, engineering and mathematics and at transforming the climate to one that more fully supports and nurtures all those in the organization to develop to their fullest potential. As executive director of the project, she provides daily oversight, managing programs, directing research programs, supervising personnel, monitoring budget and assisting other institutions with similar grants.

## NDSU Counseling Center reaccredited

The NDSU Counseling Center has been reaccredited by the International Association of Counseling Services Inc., an organization of international university and college counseling agencies based in Alexandria, Va. The center was evaluated based on high standards of counseling practice and was found to offer reliable and high quality professional services to its clientele. Approval by International Association of Counseling Services also is dependent on evidence of continuing professional development of staff members and the demonstration of excellence in counseling performance.

The NDSU Counseling Center is located in Ceres Hall and offers individual, group and couples counseling related to personal/emotional

issues, academic issues and career issues. The center is staffed by eight full-time counselors/psychologists, six graduate student counseling trainees, a test administrator and an administrative secretary. The center also offers consultation and testing services to the campus community, as well as a variety of training opportunities related to mental health issues. The center can be contacted at 1-7671.

International Association of Counseling Services was established in 1972 to encourage and aid university and college counseling agencies to meet high professional standards through peer evaluation and to inform the public about counseling services that are professional and reliable.

**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 Nov. 15 It's Happening at State

The next electronic issue of It's Happening at State will be posted Nov. 15 at [www.ndsu.edu/ihas](http://www.ndsu.edu/ihas). Submissions for that issue are due Nov. 9.

### Annual Halloween costume contest planned

The NDSU Bookstore is hosting its annual Halloween costume contest in the store on Monday, Oct. 31, from 9 a.m. to 4 p.m.

### ITS technology training offered

ITS has posted technology classes for the fall semester. Visit [www.ndsu.edu/its/training/fac-staff](http://www.ndsu.edu/its/training/fac-staff) to view class descriptions, the schedule and to register. All sessions are free and open to any faculty or staff member.

## Faculty in Residence Education Program welcomes 30 mentors

Thirty NDSU faculty members volunteered to become mentors in the Faculty in Residence Education Program, administered by the Department of Residence Life, for the 2011-12 academic year. The program is a student-success initiative designed to incorporate faculty mentorship in the residential environment. Faculty mentors participate in a variety of ways, ranging from attending social events to working with staff members to develop programs that foster both intellectual and personal development for students. Research supports that a strong connection between students and faculty outside of the classroom significantly impacts students' success in college.

Faculty mentors collaborate with residence hall staff members to develop and implement programs and interactions ranging from community-building activities to academic and intellectual discussions. Mentors are asked to commit one hour per week (or four hours per month) and may choose to work solely with first-year students or with all levels of college students (first-year through graduate).

### Faculty mentors for 2011-12 include:

#### College of Agriculture, Food Systems, and Natural Resources

Harlene Hatterman-Valenti, AES plant pathology  
Todd West, AES plant sciences  
David Buchanan, animal sciences  
Alan Zuk, plant sciences  
Amy Ganguli, range science

#### College of Arts, Humanities and Social Sciences

Michael Burns, Laura Farrell, Julie Fudge, Kate Gronewold and Derek Jorgenson, communication  
Erienne Fawcett, women's studies  
Linda Fricker, dean's office  
Jo Cavins, English  
Carol Cwiak, emergency management  
Leretta Smith, sociology/anthropology

#### College of Business

Kay Hopkins and Tim Peterson, business

#### College of Engineering and Architecture

Bakr Aly Ahmed and David Crutchfield, architecture and landscape architecture  
Sumathy Krishnan, mechanical engineering

#### College of Human Development and Education

Dipra Jha, apparel, design and hospitality management  
Larry Napoleon and Anita Welch, School of Education  
Florin Salajan, distance and continuing education, School of Education  
Sherri Stastny, health, nutrition and exercise sciences  
Dena Wyum, family science

#### College of Pharmacy, Nursing, and Allied Sciences

Daniel Friesner, pharmacy practice  
Erxi Wu, pharmaceutical sciences

#### College of Science and Mathematics

Jim Coykendall, mathematics  
Gang Shen, statistics

For more information about the program or how to become a faculty mentor, contact Tammie Reger, NDSU Department of Residence Life, at 1-7106 or [tammie.reger@ndsu.edu](mailto:tammie.reger@ndsu.edu).

## 'Before One More' campaign sponsors video contest

"Before One More," NDSU's anti high-risk drinking campaign, is looking for its next video ad by sponsoring a "Battle of the Ads" video contest.

Students are invited to submit a one-minute video using "Before One More" messages for a chance to win \$400 in Bison Bucks. The winner's video will be shown at halftime of the Jan. 21 NDSU vs. South Dakota State University men's basketball game. The second place entry will win \$150 in Bison Bucks, and the third place entry will win \$50 in Bison Bucks.

In December, students will vote on the top three entries to determine the winner.

The "Before One More" campaign was created in assistant professor of communication Elizabeth Crawford's advertising practicum course at NDSU and adopted by the President's Council on Alcohol and Other Drugs. The council, which includes faculty, staff and student representatives, is charged with reducing the harmful effects of alcohol and other drug misuse for students and for NDSU.

The purpose of the campaign is to reduce the negative effects of alcohol consumption by helping students understand when one drink is one too many and by teaching them how to make low-risk drinking decisions.

"For students younger than 21, one is one too many," said Erika Beseler Thompson, assistant director for alcohol and other drug prevention at NDSU. "For students who choose to drink, it is important to know how to do it without harming themselves or others around them."

Video contest rules are available at [www.ndsu.edu/alcoholinfo](http://www.ndsu.edu/alcoholinfo).

## Thanksgiving host families sought

The Division of Equity, Diversity and Global Outreach invites faculty and staff to participate as Thanksgiving host families for international students.

Interested faculty and staff can complete an online request form available at [www.ndsu.edu/vpedgo/thanksgiving](http://www.ndsu.edu/vpedgo/thanksgiving). Contact Jen Krautkremer at [jennifer.krautkremer@ndsu.edu](mailto:jennifer.krautkremer@ndsu.edu) or 1-5257 for more information.

## NDSU announces mobile website

NDSU now offers a mobile website, which can be viewed at [www.ndsu.edu](http://www.ndsu.edu) with any mobile device. It requires no additional applications or downloads.

"NDSU mobile is a work in progress and we invite your feedback via the 'Send feedback' menu item near the bottom of the NDSU mobile homepage," said Laura McDaniel, assistant vice president for university relations, in an email to faculty and staff. "In addition, we have organized a working group, comprised of students, faculty, staff and alumni, to guide further development of NDSU mobile. We look forward to improving and expanding on NDSU's mobile presence."

## NDSU hosts languages and cultures conference

Students and faculty in NDSU's English department hosted the 54th meeting of the Languages and Cultures Circle of Manitoba and North Dakota Sept. 23-24. Eleven representatives from NDSU presented papers at the conference, which attracted more than 60 participants from as far away as British Columbia, Arizona, Nova Scotia and Maryland. Kent Sandstrom, dean of the College of Arts, Humanities and Social Sciences, welcomed the attendees to Fargo.

As the 2011 Languages and Cultures Circle of Manitoba and North Dakota president and program chair, Bruce Maylath, professor of English, delivered the opening address on the conference's theme, "Language and Power." Karen Peirce, graduate writing coordinator for the Graduate School, was one of three presenters featured on the conference plenary panel, "The Language and Power of Government and Media." Peirce's paper was titled "Fighting Nature's Power: Ethos in Press Releases and Media Coverage Surrounding the 2011 Red River Flood in Fargo."

Dale Sullivan, professor of English, and Alexandra Glynn, doctoral student in English, were part of a panel on "Rhetorical and Metaphorical Power in the Language of Religion." Sullivan's paper focused on "St. Paul, Rhetoric, and the Discourse of Power," while Glynn's addressed "'Early Christians' as Text in the 2nd Century of the Roman Empire."

Carol Pearson, associate professor of Spanish, was featured in a panel on "Language as a Weapon: Marginalization and Resistance in Central America and Mexico." Her paper detailed "Language as a Weapon: Anacristina Rossi and La Loca de Gandoca."

Andrew Mara, associate professor of English, and Chris Lindgren, master's student in English, formed a panel on "Cyborgs and Software: Examining Language's Intersection with the Power of Technology." Mara's paper was titled "Identity as a Chimera Builder," and Lindgren's was titled "Applying Rhetorical and Literary Analyses to Software."

Tatjana Schell, Steven Hammer and Christine Grossman, all doctoral students in English, and Kellam Barta, a senior majoring in English and psychology, comprised a panel on "Language and Power in the Sonic and the Graphic." Schell and Barta delivered a paper on the results of their research on "Differentiation in Regional Pronunciation in the Word 'Bison.'"

Hammer led the audience in "From Electric Dylan to the iPad DJ: The Impact of Emerging Technologies on Sonic Authenticity." Grossman addressed "Beyond 'The Sorcerer's Apprentice': The Power(s) of Cartoon Mice as Literary Devices to Confront Xenophobia – Case in Point, Art Spiegelman's Maus and Anti-Semitism."

Next year's conference will be held in Winnipeg and hosted by the University of Manitoba.

## Mathematics departments hosts Sonia Kovalevsky High School Day



Graduate student Liz Sattler conducts a workshop on fractals.

The NDSU mathematics department hosted the 15th annual Sonia Kovalevsky High School Day Sept. 24. High school teachers from throughout North Dakota and western Minnesota were invited to bring female students to Fargo to meet NDSU mathematics faculty, professional women from the Fargo area who use math in their careers and other high school students who are interested in math. The day was divided into morning and afternoon sessions with mathematics activities for the young women.

James Coykendall, NDSU mathematics professor, presented the first workshop of the day, "Mathematics of the Rubik's Cube." He demonstrated solution strategies for the Rubik's Cube and explained the mathematics behind it. Each student received a Rubik's Cube as part of the workshop.

In the second workshop, NDSU graduate student Elizabeth Sattler gave examples of fractals and how they can be created from simple shapes.

A career roundtable completed the morning session. Students got to speak with Maria Alfonseca-Cubero, NDSU mathematics department; Marvita Busching, Microsoft; Brenda Derrig, City of Fargo; and Elizabeth Mossberg, National Security Agency.

Mossberg then delivered the keynote address where she described the role of barcodes and gave a brief introduction to codes used for compression and error-correction.

In the afternoon session, graduate student Aaron Feickert discussed winning strategies of some simple games such as tic-tac-toe and rock-paper-scissors in the workshop "Mathematical Games."

William Martin brought the day to a close with his game of "Math Jeopardy."

Participants came from several high schools from North Dakota and Minnesota, some traveling almost 300 miles. A total of 47 female students participated; up from 27 students last year. Alfonseca-Cubero and Dogan Comez, both from the NDSU mathematics department, and William Martin from the School of Education organized the event.

The 2011 Sonia Kovalevsky Day was supported by a grant from the Association for Women in Mathematics, National Security Agency (Department of Defense), Elizabeth City State University, NDSU Office of the Provost, NDSU FORWARD, College of Science and Mathematics, College of Engineering and Architecture and Department of Mathematics.

## NDSU Bookstore offers discounts for donations

The NDSU Bookstore is collecting gently worn outerwear donations and, in return, giving donors 20 percent off purchases of any NDSU winterwear (caps, mittens, scarves, jackets and coats).

The outerwear will be given to the Equity and Diversity Center at NDSU. The offer is good through Dec. 16. One donation per purchase.

## Sexual harassment training notice issued

All faculty, staff and administrators are required to complete the online Preventing Sexual Harassment training on an annual basis. Student employees also are required to complete the training.

Access the training at <https://secure.newmedialearning.com/psh/ndstateu>, on the Office for Equity, Diversity and Global Outreach website at [www.ndsu.edu/diversity/equity/harassment](http://www.ndsu.edu/diversity/equity/harassment) or through the index on NDSU's home page; click on the "S" and then on "Sexual Harassment Training."

Following successful completion of the training and mastery test, participants need to complete, print and sign a certificate and then send it to their unit administrator (dean, director, vice president or president) for filing. Vice presidents receive an annual report for their areas listing individuals who have successfully completed the online training.

For more information, contact the Office of Vice President for Equity, Diversity and Global Outreach at 1-7128.

## Turkeys sold as fundraiser for Saddle and Sirloin Club

In anticipation of Thanksgiving, NDSU's Saddle and Sirloin Club is selling turkeys as a fundraiser. The money will help members attend the National Block and Bridle Conference, an event that focuses on building leadership skills.

The turkeys can be purchased for \$30 each. They are vacuum packed and ready to be cooked or frozen and weigh 12 to 14 pounds. They are smoked in the NDSU meat lab. Cooking instructions are included with each turkey.

Orders are due Nov. 2. Order forms can be obtained from and returned to Megan Kortie in the animal science department in Hultz Hall. Orders also can be placed with Kara Scherbenske at [kara.r.scherbenske@ndsu.edu](mailto:kara.r.scherbenske@ndsu.edu) or 701-321-0890 or Krista Cella at [krista.cella@ndsu.edu](mailto:krista.cella@ndsu.edu) or 612-710-1151. If orders are placed with Scherbenske or Cella, payment should be made when the turkey(s) is picked up.

The turkeys will be ready for pickup Friday, Nov. 18; Monday, Nov. 21; Tuesday, Nov. 22; and Wednesday, Nov. 23.

## Technology Fee Action Plans due Nov. 1

Technology Fee Action Plans are due to the Technology Fee Advisory Committee by Nov. 1.

NDSU's student technology fee funds a broad range of projects designed to improve the information technology capabilities and services for students, faculty and staff. The committee solicits action plans and funding requests aimed at improving the quality of education and campus life at NDSU through technology. Proposals specifically addressing innovative uses of technology to improve instruction and student learning are encouraged. The committee has a strong interest in one-time funding opportunities offering a unique application of technology enhancing the student experience.

A copy of the action plan template and past funded proposals/reports can be found at [www.ndsu.edu/tfac](http://www.ndsu.edu/tfac). The action plan form has been revised recently, so make sure you link to the template on this website. The committee seeks proposals that introduce a new, innovative tool for instruction and learning or provide a broad appeal to NDSU students.

To receive consideration, deliver a paper copy of the action plan, with all the required signatures, to the committee, c/o Bonnie Neas, vice president for information technology, IACC 204; and submit an electronic copy of your action plan to [rian.nostrum@ndsu.edu](mailto:rian.nostrum@ndsu.edu) (1-7890) by Nov. 1.

## Alumni Awards Committee seeks nominations

The Alumni Awards Committee seeks NDSU alumni to recognize in 2012. The group is accepting nominations for alumni who have achieved distinction in their profession or have given outstanding service to NDSU and may be deserving of recognition.

Nominations are sought for the following awards:

The Alumni Achievement Award recognizes alumni who have attained outstanding professional accomplishments.

The Henry L. Bolley Academic Achievement Award honors an individual who has attained noted achievements in education as a teacher, researcher and/or administrator.

The Heritage Award for Alumni Service recognizes alumni who have provided outstanding volunteer service for the benefit of NDSU.

The Horizon Award recognizes alumni who have graduated within the past 15 years and have attained great success in their profession or have been engaged in outstanding community service.

For more information and to submit a nomination, visit [www.ndsualumni.com/NetCommunity/Page.aspx?&pid=246&srcid=193](http://www.ndsualumni.com/NetCommunity/Page.aspx?&pid=246&srcid=193).

Nominations are due Dec. 1.

## Civil engineering students partner with Ulteig for Canstruction



*Engineering students in front of their hourglass can structure.*

A group of NDSU engineering students worked with Ulteig Engineers Inc. employees to build an eight-foot tall hourglass out of canned food for the 2011 Canstruction competition, which helps fight hunger by raising donations of canned food items. The students and Ulteig employees created the structure using more than 1,000 cans of food that were donated to the Great Plains Food Bank in Fargo at the end of the competition.

This year's event, which was originally slated for last spring before being postponed due to flooding, marked the fifth year for the design-and-build contest. Ulteig reached out to NDSU's engineering department seeking students to collaborate with, and the American Society of Civil Engineering chapter responded. Andrew Albrecht, an NDSU senior majoring in civil engineering and the chapter's service chair, said the organization had never participated in the competition before and was excited to be a part of the event.

"We were looking for something fun and something to do to help out in the community," Albrecht explained. "It was a good experience."

The hourglass design – symbolizing that it's time to end hunger – came from Jeff Kale, Ulteig's senior marketing specialist, but he handed the idea over to Albrecht and the NDSU students to design it. In September, the team practiced building half of the structure to assess its structural integrity and made some tweaks to the design before testing again. On Oct. 15, the team gathered at West Acres Regional Shopping Center to build the structure, a task that took approximately two hours.

"I think (the students) had a good time ... they really got into it," Kale said.

Kale said the team received a donation from N.D. Interior Designers and Ulteig employees, who contributed more than \$700 by purchasing "Jeans Day" passes. The combined funds were used to purchase materials, which totaled more than \$1,000. Ulteig consistently contributes to the American Society of Civil Engineering chapter's steel bridge and concrete canoe groups for their annual competitions, so employees were excited to contribute to the Canstruction event, Kale said. Employees could purchase a maximum of 10 passes for \$1 each, but most employees gave more than the \$10 limit.

Ulteig's relationship with NDSU extends back to 1928, when Melvin Ulteig graduated with a mechanical engineering degree. Ulteig later was a member of the NDSU Alumni Association board, a position now held by Eric Michel, Ulteig's current president and CEO.

## NDSU student team takes second place at programming competition

The NDSU student chapter of the Association for Computing Machinery (NDSU ACM) recently took second place in a prestigious Midwest programming competition. The group competed in "MechMania" at the annual "Reflections | Projections" ACM conference held at the University of Illinois at Urbana-Champaign Oct. 7-9.

MechMania is a 24-hour artificial intelligence programming competition of which the NDSU ACM has been a perennial competitor.

Sponsored in part by the NDSU Department of Computer Science, the NDSU ACM took 10 students to the conference, including three MechMania teams of three students each.

This year, MechMania competitors developed artificial intelligence players for "Thrust Wars," a game in which players must control their fleet of "Asteroids" style space ships and score points by gathering resources, building ships, refineries and bases while battling or destroying the other team's ships, refineries and bases.

NDSU's PiRho team of students Zechariah Andersen, Benjamin Bechtold and Justin Anderson took second place in a photo finish to a team from UIUC. Team members received an Amazon Kindle along with 100GB of space from Dropbox for life as prizes for placing second.

The other competing NDSU teams were team MasterControl of Ryan McCulloch, Nathan Ehresmann and Cesar Ramirez; and team Bobby Tables of Nathan Spanier, Lance Janssen and Joshua Tan.

Visit [www.acm.ndsu.nodak.edu](http://www.acm.ndsu.nodak.edu) for more details on NDSU ACM events.

## Gearing Up for Kindergarten training held

The NDSU Extension Service offered a training seminar on the Gearing Up for Kindergarten parent education and school readiness program for children Oct. 27 in Jamestown, N.D.

The training event provided community leaders and education professionals with information on the Gearing Up for Kindergarten program and how to implement it in their school during the 2011-12 academic year.

Gearing Up for Kindergarten is a 16-week family education program developed by the NDSU Extension Service. The program is available to local schools and entities that facilitate child development, healthy parenting and school readiness for families with pre-kindergarten children in the year prior to kindergarten. The North Dakota Legislature made funds available to schools and school districts to implement Gearing Up for Kindergarten and facilitate greater parent involvement and school readiness for pre-kindergarten children.

For more information on the program, contact Judith Konerza at (701) 787-4216 or [judith.konerza@gfschools.org](mailto:judith.konerza@gfschools.org), or visit [www.ag.ndsu.edu/gearupkindergarten](http://www.ag.ndsu.edu/gearupkindergarten).

## RIS InkCenter installed at NDSU Bookstore

The NDSU Bookstore and Retail Inkjet Solutions announced the installation of the RIS InkCenter to enable high quality inkjet refilling for students and faculty.

“As the past president of the National Association of College Stores, I have been a key supporter of helping college bookstores become better retailers by offering new and innovative services. We are excited to bring the RIS InkCenter to our campus because it fits perfectly with the association’s 2015 initiative,” said Carol Miller, NDSU Bookstore director. The NACS conducted research in partnership with Retail Forward to define and publicize trends and imperatives for successful collegiate stores in the year 2015.

“RIS made the installation easy and is working with us to develop impactful marketing programs to help build our business,” Miller also said.

“By adding inkjet cartridge refilling to the many services that NDSU offers, we will see firsthand how adding the RIS InkCenter can help grow the bookstore’s revenue and store traffic. With Carol’s expertise and understanding of the NACS 2015 store initiative, I am confident that we will see great success at NDSU,” said Mike Stanicek, CMO of Retail Inkjet Solutions.

Retail Inkjet Solutions was chosen to be the exclusive inkjet cartridge refilling solution for NACS members. According to the company, the addition of an inkjet refilling service allows a collegiate bookstore to increase store traffic, improve revenue and margin performance and support campus sustainability objectives.

## Miniconference discusses postcommunist transition

NDSU’s Department of Sociology and Anthropology and Department of History, Philosophy and Religious Studies, hosted a miniconference titled “After the Fall: 20 Years of Postcommunist Transition in the Former Soviet Empire” on Oct. 28. Sessions were held at both NDSU and the Hotel Donaldson in downtown Fargo.

In the first session, “Research in Transition: A Round Table,” participants reported on the ways their research has been affected by the collapse of communism or the politics or economics of transition in the region. The panel included NDSU faculty Tom Ambrosio, political science; John Cox, history; Mark Meister, communications; Dragan Miljkovic, agribusiness and applied economics; Florin Salajan, School of Education; and Chris Whitsel, sociology. University of North Dakota faculty presenters include Richard Shafer, journalism; and Paul Sum, political science. Jennifer Wistrand, from the anthropology department at Washington University, also was present.

During the second session, “Civil Society after the Fall: Two Projects,” UND faculty members Shafer and Sum presented their ongoing research projects in Central Asia and Romania, respectively. A question and answer period followed.

Sponsors for the event included the College of Arts, Humanities and Social Sciences dean’s office; Department of Sociology and Anthropology; and Department of History, Philosophy and Religious Studies.

## NDSU equestrian team opens show season

NDSU’s equestrian team won high-point team honors both days of its first competition of the season Oct. 15-16 in River Falls, Wis.

Team member Shannon Voges, a senior from Courtland, Minn., also was named high-point rider Oct. 15.

She is one of 24 members on the 2011-12 team, which consists of 12 returning riders and 12 new members.

“The team displayed a tremendous amount of talent and enthusiasm at the first show, which I am expecting will continue throughout the show season,” said Tara Swanson, the team’s coach.

The team’s next competition will be Oct. 29-30 at the University of Minnesota-Crookston.

## NDSU history on display at T Lofts apartments



*Massive photo hangs in a hallway of the T Lofts apartment complex.*

Impressive images of NDSU’s history are on prominent display at the new “T Lofts” apartment complex. The 102-unit complex developed by Roers Development Inc. of Fargo is located adjacent to the southwest corner of NDSU’s T Lot.

According to NDSU archivist Michael Robinson, massive photos are displayed near the complex elevators on second through fifth floors. He said the four images were selected following a series of meetings with Roers representatives.

The photos include three NDAC students working in the Chemistry Laboratory in Ladd Hall in the 1950s, four students in the Agronomy Laboratory of Morrill Hall in the mid-1950s, members of Little Country Theatre preparing for the play “Hedda Gabler” in 1948 and a football game versus the University of North Dakota in the 1890s.

“Each photograph is 10 feet long by 8 feet high, is protected by thin Plexiglas and has high quality metal signage that credits the University Archives,” Robinson explained. “These great images are important public relations for NDSU.”

“NDSU has a history of success in many areas, including academics, athletics, agricultural research and arts. We selected photographs that demonstrated students participating in those activities,” said Larry Nygard, Roers vice president. “The result was a series of wall murals that remind residents about the breadth of success NDSU has had over many years.”

## NDSU offers pasture and harvested forage management planning

NDSU will offer a 12-month pasture and harvested forage management planning workshop designed for livestock producers, land managers and natural resource students Jan. 3-5, 2012.

The workshop will be held in the Red Office Building at the NDSU Dickinson Research Extension Center. The workshop will run from 1 p.m. to 9 p.m. on Tuesday, 8 a.m. to 9 p.m. on Wednesday and 8 a.m. to 5 p.m. on Thursday.

The workshop instructors are Lee Manske, Dickinson Research Extension Center range scientist, and Toby Stroh, Dickinson State University assistant professor of agriculture and ArcGIS instructor.

During the workshop, participants will learn how to develop and properly operate a biologically effective management strategy with twice-over rotation grazing on summer pastures in conjunction with a complete 12-month complementary pasture and harvested forage sequence specific for their ranch.

“These science-based management strategies meet the nutrient requirements of livestock during each production period, meet the biological requirements of grass plants and rhizosphere microorganisms, increase the quantity of forage nutrients produced, improve the efficiency of forage nutrient capture and improve the efficiency of conversion of forage nutrients into salable animal weight commodities,” Manske said. “These biologically effective 12-month management strategies generate greater new wealth from the land’s natural resources without depleting future production.”

Participants have the option to design a 12-month forage management strategy for their operation during the workshop. To do this, maps with each pasture and field for the entire land holdings, including owned and leased land, need to be made and acreages of each soil type in each parcel of land need to be calculated prior to the start of the workshop. A crew of ArcGIS mapping specialists can compile this information electronically for participants. Location descriptions of land holdings will need to be provided to the specialists one month prior to the workshop to give the specialists sufficient time to develop the maps.

Information related to the workshop material is available at [www.GrazingHandbook.com](http://www.GrazingHandbook.com).

Participants are responsible for lodging, transportation and most meals. A \$25 lab fee per person will go toward supplies and refreshments each day and a working supper on the second day. A three-volume set of textbooks is available for \$75. The ArcGIS map set will cost \$75 for an average-sized ranch.

An option for professional development with one or two graduate credits for this continuing education course is available from NDSU at a cost of \$50 per credit. Participants will supply their own calculators and notebooks.

Registration is limited. Participants requesting ArcGIS maps to be developed for their ranch must register before Dec. 7. For workshop information or to register, contact Manske at (701) 483-2348, ext. 118, or email [lewellyn.manske@ndsu.edu](mailto:lewellyn.manske@ndsu.edu).

## Athletes awarded scholarships during Harvest Bowl

Twelve scholarships were awarded to outstanding NDSU female and male athletes during this year’s Harvest Bowl festivities Oct. 28-29. The NDSU Harvest Bowl program also recognized the outstanding work of agriculturists in 53 counties in North Dakota and several in Minnesota.

A special agribusiness award went to an individual who has a distinguished record in agriculture and business. This year’s award recipient is Allan Johnson, farm publisher and former U.S. Department of Agriculture deputy undersecretary for rural development.

The 2011 Harvest Bowl Scholarship recipient was Marshall Bjorklund, a member of the basketball team. Bjorklund is from Arlington, Minn., and majoring in agricultural systems management. The recipient of a Harvest Bowl Scholarship in honor of Robert Johansen was Kristi Schaffer, a member of the track and field team. Schaffer is from Brandon, Minn., and majoring in marketing.

The Bob and Darlene Yaggie Football Scholarship was awarded to Ryan Drevlow, nose guard on the football team. Drevlow is from Gwinner, N.D., and majoring in electrical engineering. The Bob Lauf Memorial Scholarship went to Coulter Boyer, defensive end on the football team. Boyer is from Hurley, S.D., and majoring in business management and marketing.

The Ron and Karen Offutt Scholarship went to Alec Espeland, a member of the track and field team. Espeland is from Pierre, S.D., and majoring in microbiology. The Red River Commodities Scholarship was awarded to Caitlin Mack, pole vaulter on the track and field team. Mack is from Watertown, S.D., and majoring in exercise science.

The John and Kay Dean Scholarship was awarded to Kristen Killoran, a multi-event track and field member. Killoran is from Casselton and majoring in exercise science. Andrew Grothmann, fullback on the football team, received the #64 Bob and #58 Bruce Yaggie Father-Son Scholarship. Grothmann is from Hillsboro, N.D., and majoring in agricultural economics.

The Darrel Larson Family Scholarship was awarded to Trevor Gebhart, wide receiver on the football team. Gebhart is from Sioux Falls, S.D., and majoring in business administration. The LeVon C. Kirkeide, Patricia Kirkeide-Hagemeister and Friends Scholarship was awarded to Samantha “Sam” Holien, middle infielder on the softball team. Holien is from Forest Lake, Minn., and majoring in microbiology.

Lauren Cammack, outside hitter on the volleyball team, received the Scott and Ann Dau Family Scholarship. Cammack is from DeWitt, Neb., and majoring in civil engineering. The Titan Machinery Scholarship was awarded to Nolan Berg, pole vaulter on the track and field team. Berg is from Karlstad, Minn., and majoring in sports and urban turfgrass management.

For more information on Harvest Bowl activities, visit the NDSU Alumni Association website at [www.ndsualumni.com](http://www.ndsualumni.com).

## Distance and Continuing Education to host technology training

NDSU Distance and Continuing Education announced a recent partnership with a technology learning solutions organization, Atomic Learning. The new service is available for all NDSU faculty, staff and students and provides access to educational resources on popular software titles. It makes it easy to learn new technologies for professional development purposes or to incorporate into teaching curricula.

The Atomic Learning site contains short video tutorials on hundreds of software titles and applications, including the Microsoft Office Suite, Blackboard, Photoshop, Twitter and Wordpress. Also available are video workshops on how educators can integrate blogging, social media and other technologies into their curriculum. The Atomic Learning videos range from the basics of select technology tools to the more advanced and specific features.

To access the NDSU Atomic Learning portal, visit <https://apps.ndsu.edu/cas/hurderos/login?service=https://secure2.atomiclearning.com/sso/cas/ndsu> and use the same login information used to access NDSU email or Blackboard accounts. Users should bookmark the site after initially logging in. Users also can access Atomic Learning from the Faculty or Student Resources area located at the top of the Distance and Continuing Education website at [www.ndsu.edu/dce](http://www.ndsu.edu/dce).

For more information, contact Lisa McNamara at 1-5376 or [lisa.mcnamara@ndsu.edu](mailto:lisa.mcnamara@ndsu.edu).

## Distance and Continuing Education offers money management sessions

NDSU Distance and Continuing Education will hold four money management workshops presented by Todd Olson, certified financial planner, in the SGC Building, 1919 University Drive N., Fargo. Courses will be offered in November, December, January and February and participants can choose Tuesday or Thursday sessions.

Specific dates and times are listed below. The money management series is offered for individuals interested in learning the basics about college, investment and retirement planning to shape a better financial future.

- Investment Basics, Nov. 8 and 10, 7 p.m. to 8:30 p.m. – Fundamental investment concepts, available investment options and how to consider some general investment strategies will be discussed.
- College Planning, Dec. 6 and 8, 7 p.m. to 8:30 p.m. – Participants will examine how much college costs today, projected costs for the future and building blocks that go into funding a college education. The mysteries of financial aid will be solved and participants can see how savings choices impact their child's eligibility for aid.
- Retirement Income Planning, Jan. 10 and 12, 2012, 7 p.m. to 8:30 p.m. – Participants will gain an understanding of how much income is necessary during retirement years to support the retirement lifestyle they want, and how to position assets to provide that income.
- Long-Term Care Planning, Feb. 21 and 23, 2012, 7 p.m. to 8:30 p.m. – Learn what the phrase long-term care means, what levels of ongoing care someone may receive and options available in our community.

Cost for each individual course is \$25 or \$75 if registering for all four. To bring a friend or spouse, a discount rate is available for an additional \$10 per course or \$25 for all four courses. Register at <http://ndsu.me/dce1110mm> or call 1-7015 or 1-800-726-1724. For more information, contact Lisa McNamara at 1-5376 or [lisa.mcnamara@ndsu.edu](mailto:lisa.mcnamara@ndsu.edu).

## RESEARCH

### Research partnership brings nations, cultures closer

Researchers from NDSU and COMSATS Institute of Information Technology in Islamabad, Pakistan, are working together to solve real-world problems and bring the nations together through education.

Samee U. Khan, assistant professor of electrical and computer engineering at NDSU, initiated the international partnership in 2008 by contacting administrators at COMSATS Institute of Information Technology. In November 2010, Arshad S. Malik, registrar at the institute, visited NDSU to sign an agreement that would send their faculty to NDSU to work on doctoral degrees.

The latest collaborative project between the two universities involves developing an eco-friendly heating and cooling system for citizens in the underdeveloped region of Gilgit-Baltistan in northern Pakistan, where low winter temperatures and wind chill prevent using existing solar energy technology.

Khan and Sumathy Krishnan, associate professor of mechanical engineering, are leading the project from NDSU's side, while Nasrullah Khan Kalair and Waqar H. Bokhari are leading the effort for COMSATS Institute of Information Technology. Together, they are working to harness solar energy efficiently, even in harsh subfreezing conditions, using carbon dioxide as its working fluid and a direct-expansion heat pump to ensure continuous and efficient operation. They hope the project will result in an affordable prototype costing less than \$300 that will be ready for field tests in Gilgit-Baltistan this winter and next.

"Use of solar thermal technology in this area (Gilgit-Baltistan) will greatly benefit in terms of their energy needs. Not only it will help this area to control deforestation, but will also help create employment opportunities," Khan Kalair said.

The partnership between the two universities initially focused on electrical engineering and computer engineering programs, but may later expand to include computer science and physics. The first batch of eight students from Pakistan enrolled as doctoral students in NDSU's electrical and computer engineering this fall. Khan says during the next six years the partnership will result in approximately 60 new doctoral students at NDSU, which will have a strong impact on NDSU's graduate program.

"The partnership with COMSATS has provided a strong impetus to the doctoral program in our department. It also has provided diversity in terms of research areas and student composition. We are hopeful of mutually beneficial outcomes and look forward to continuing our interactions with COMSATS," said Rajesh Kavasseri, associate professor and graduate coordinator for the electrical and computer engineering department.



Gary Smith, dean of the College of Engineering and Architecture, shares Kavasseri's sentiment for a sustainable partnership. "Each of us benefits from the relationship academically, as well as culturally," said Smith. "Our hope is that the students studying for their PhD's at NDSU create lifelong connections to North Dakota and NDSU."

Officials at COMSATS see the partnership equally as important to build international understanding and hope more projects can be completed together in the future.

"Pakistan and the U.S. are geographically far away from each other, almost half way around the world. So, the best and perhaps the easiest and more effective and lasting way to bridge such a huge divide is through academic collaboration, which involves faculty and staff exchanges, participation in conferences and seminars and collaborative research encounters to benefit from the cross fertilization of ideas," said Arshad Malik, registrar at COMSATS Institute of Information Technology.

"I hope the understanding developed during this project will be of great help to propose new projects of common interest in the future. Our focus for the next projects will be to involve as many students as possible from both sides to create a tangible positive feedback effect toward which this project will act as a butterfly effect," Khan Kalair said.

The collaboration is part of a bigger Pakistan-U.S. Science and Technology Cooperation Program that was established in 2005 to increase scientific collaboration between researchers of both countries for mutually beneficial, practical and applicable projects. It was developed by the Higher Education Commission of Pakistan, Ministry of Science and Technology of the Government of Pakistan, United States Department of State and the United States Agency for International Development and is managed on the U.S. side by the National Academies.

The Pakistan-U.S. Science and Technology Cooperation Program awarded the NDSU and COMSATS Institute of Information Technology research team a two-year grant to work on the heating system project.

According to Kelly Robbins, manager of the Pakistan-U.S. Science and Technology program at the National Academies, this project was one of 25 selected out of 270 proposals for the highly competitive program, which is jointly funded by the governments of both countries. "Our Pakistani and U.S. review panels and program sponsors were impressed by the existing relationship between NDSU and CIIT, and they noted that the project will not only help build Pakistani research capabilities but also develop a product that would directly benefit people living in Gilgit-Baltistan," Robbins said. "The new system could also be deployed in other countries with harsh winters, including the northern United States, and if the project is successful, it could result in a commercializable product that could create new opportunities for manufacturers and installers in both countries. Our program is proud to sponsor this international research team, and we look forward to seeing the results they will achieve over the coming months."

For more information about the program, visit <http://sites.nationalacademies.org/PGA/dsc/pakistan/index.htm>.

For more information on the hybrid solar water heating system joint project, visit [sites.nationalacademies.org/PGA/dsc/pakistan/PGA\\_058762](http://sites.nationalacademies.org/PGA/dsc/pakistan/PGA_058762).

## NDSU department chair selected for Mattiello Lecture Award



Croll

The American Coatings Association announced Stuart G. Croll, chair of the Department of Coatings and Polymeric Materials at NDSU, will deliver the Mattiello Memorial Lecture at its American Coatings Conference, May 7-9, 2012, in Indianapolis in conjunction with the American Coatings Show, May 8-10. The Joseph J. Mattiello Lecture Award recognizes an individual who has made outstanding contributions to science, technology and/or engineering related to the coatings industry.

Croll joined NDSU's coatings and polymeric materials department in 2000. He became chair of the department in 2006. Prior to joining NDSU, Croll worked in research and development at Millennium Inorganic Chemicals, concerned with many of the aspects of titanium dioxide pigments.

At NDSU, he teaches courses on coatings materials science, including film formation, color and appearance, coating and polymer characterization, and polymer physical properties. His research interests include the durability of polymers and coatings, adhesion, corrosion protection, bio-based materials and art conservation.

Croll earned a degree in physics from the University of London (U.K.) and his doctoral degree in polymer physics at the University of Leeds (U.K.). He worked in England, and later moved to the Division of Building Research in the National Research Council Canada, where he first worked on coatings. After periods in the construction chemicals and telecommunication cable industries, he moved into the coatings industry with the Sherwin-Williams Co., where he worked on a wide range of research and development and troubleshooting projects, including those involving film formation, application rheology, weathering durability, adhesion, dispersion stability and polymer characterization.

Croll is a member of the American Physical Society, the American Chemical Society and the Institute of Physics (in the U.K.). He is a member of the editorial review board of *Progress in Organic Coatings* and ACA's *Journal of Coatings Technology and Research*. Croll has published articles in the coatings, polymers, mechanics and corrosion literature, has presented papers at many meetings and symposia, and has been an instructor in short courses given to a variety of audiences.

The leading scientific event for the coatings industry, the American Coatings Conference provides a world-class, technical and research forum, rallying leading industry experts from coatings manufacturers, their suppliers, universities and government partners across the nation and around the world. More than 6,100 participants from 61 countries attended the previous conference in 2010.

The American Coatings Association, co-host of the American Coatings Conference and Show, is a voluntary, nonprofit trade association working to advance the needs of the paint and coatings industry and the professionals who work in it.

## PEOPLE

## University archivist John Bye to retire



Bye

John E. Bye, university archivist and director of the Institute for Regional Studies and University Archives, is scheduled to retire from NDSU on Nov. 4. He has worked at NDSU for 38 years.

Bye earned his bachelor's degree from NDSU in 1970, as well as his commission as a second lieutenant in the U.S. Army. After leaving the military, he earned his master's degree at the

University of Wisconsin-Madison.

Bye joined the NDSU Libraries in August 1973 as an assistant serials librarian and instructor in library sciences. In 1979, he was appointed an Archivist I, and became the university archivist on Feb. 1, 1995. In November 2006, he took on the additional responsibilities and title of director of the Institute for Regional Studies.

Some of the projects Bye worked on most recently included the Cal Olson and Strand Studio photography collections, Allen Spiker's German Russian Dialect Tapes and NDSU professor emeritus Timothy Kloberdanz's folklore collection.

## Extension agent named Communicator of the Year



Scharmer

Lori Scharmer, NDSU Extension Service family and consumer science agent in Ward County, is the North Dakota Association for Communication Excellence 2011 Communicator of the Year. Scharmer will be honored Nov. 3 during the NDSU Extension Service fall workshop in Fargo.

The award recognizes an individual who has displayed exceptional expertise and professionalism in delivering educational programs and information to the public through several types of media. The association and NDSU agriculture communication staff selected Scharmer for the honor.

During the devastating flooding in Minot and other parts of Ward County this year, Scharmer provided information in numerous formats to help people take necessary steps before, during and after the flood.

She is part of the NDSU Extension Service team that developed Recovery After Disaster: The Family Financial Toolkit through a partnership with the University of Minnesota Extension. The tool kit is a free, online resource to help people recover financially after a disaster. She also has been active on the Ward County Extension office's Facebook page and is collaborating with NDSU Extension Service family economics specialist Debra Pankow on the Emergency Money Management blog.

"I have always considered Lori to be an outstanding communicator as she has the unique ability to both write and speak in ways that cause others to stop and pay attention to the critical point that

she is making," says Mike Hanson, NDSU Extension's northwest district director. "Individuals know right away that she is a caring person. It comes out in how she carefully listens to what they are communicating to her and then how she, in turn, communicates with them."

Scharmer joined the Ward County Extension office in 2001. As the county's family and consumer science agent, she offers research-based educational programming in food and nutrition, family resource management and human development.

Scharmer is a graduate of NDSU with a bachelor's degree in home management and family economics and a master's degree in family financial planning. She and her husband, Mark, live in Mohall, N.D.

## Master of Public Health program director joins NDSU



Warne

Dr. Donald Warne began his new position as director of NDSU's new Master of Public Health program on Oct. 5.

Warne came to NDSU from Sanford Health, where he was director of the Office of Native American Health. Warne earned his M.D. degree from Stanford School of Medicine and a MPH degree from Harvard School of Public Health.

He is a senior policy consultant for American Indian Health Management and Policy Inc., and senior policy adviser for Great Plains Tribal Chairmen's Health Board. Warne taught health law and policy at the Arizona State University Sandra Day O'Connor College of Law. Warne plans to develop a strong focus on rural and American Indian public health in the MPH program to reflect the needs of North Dakota.

NDSU will begin offering classes for the MPH in partnership with the University of North Dakota in fall 2012.

## Brooks honored by Iowa State University



Brooks

Kevin Brooks, department head and professor of English, received an Alumni Achievement Award from the Department of English at Iowa State University. The awards ceremony was Oct. 20.

Brooks, who earned his doctorate in English from Iowa State University in 1997, teaches undergraduate courses in Writing in the Health Professions, Writing in the Design Professions, and Visual Culture and Language. At the graduate level, he teaches Rhetorics and Poetics of New Media.

His research interests are in the history and future of writing instruction. Brooks received his department's teaching award in 2002, the College of Arts, Humanities and Social Sciences Researcher of the Year Award in 2010 and was a Tapestry of Diverse Talents inductee in 2008.

## St. Clair named assistant track and field coach

Justin St. Clair has been named assistant coach for the NDSU men's and women's track and field programs. He will work primarily with the throwing events.

St. Clair comes to NDSU after two years as director of sports performance and fitness at Strive Physical Therapy and Fitness in North Carolina. His coaching experience includes stops at Duke University and Southeastern Louisiana University.

He graduated from Boise State University in 2002 with a degree in criminal justice administration. He was a four-time All-American in the javelin and placed seventh in the 2007 Pan-Am games. He is Level I certified by U.S. Track and Field and holds national certification from U.S. Weight Lifting and ACE Personal Training.

St. Clair and his wife, Keli Waterworth, live in Fargo.

### EVENTS

## Northern Plains Graham Greene Day scheduled

The fifth annual Northern Plains Graham Greene Day is scheduled for Wednesday, Nov. 2, from 7 p.m. to 9 p.m. in Minard Hall, room 138. This year's theme is "Love in Greene-land." The presenters are Dennis Cooley, philosophy; Vincent Wargo, philosophy; and John K. Cox, history.

Graham Greene (1904-91) was an English novelist who also wrote many short stories, screenplays and essays, as well as a number of plays, biographies, travelogues, children's books, poems and movie reviews. His works are set against backdrops as varied as the Mexican Revolution, Cold War, European imperialism in Africa, London during the Blitz, Haiti during the reign of "Papa Doc" Duvalier and the crisis of Roman Catholic faith in 20th century industrialized societies.

The Northern Plains Graham Greene Day celebrates the achievements of Greene as a writer and sparks discussion and debate about his ideas.

All members of the NDSU and Fargo-Moorhead communities are welcome to attend. Questions may be directed to Cox at [john.cox.1@ndsu.edu](mailto:john.cox.1@ndsu.edu).

## Science Café to cover DNA's role in bringing justice



Haring

Stuart J. Haring, assistant professor of chemistry and biochemistry at NDSU, will present "DNA Profiling: Providing Justice ... One Molecule at a Time" Tuesday, Nov. 8, at 7 p.m. in Stokers Basement, Hotel Donaldson, 101 N. Broadway, as part of the Science Café series.

The presentation will target the one thing people take with them every day and leave almost everywhere they go – deoxyribonucleic acid (DNA).

The biological molecule DNA is contained within each cell of the human body. Although everyone's DNA makeup is very similar, there are many regions of DNA that are unique to each individual. Much like gender, height, weight, hair/eye color and identifying marks, the variable DNA regions also can be used as unique personal identifiers.

"Although DNA analysis has been around for more than 25 years, it is only recently, as more rigor has been established for evidence collection and handling and more reliable and efficient techniques have been developed, that DNA analysis is becoming the accepted choice to establish identity 'beyond a reasonable doubt,'" said Haring. "Whether in court cases or natural disasters, DNA is often becoming the star witness in identity determination, especially when video, eyewitnesses and fingerprints are not available."

This discussion will address how DNA is analyzed and how the information can be used to convict or exonerate, identify missing persons and victims of disasters, and confirm or deny paternity.

The presentation is free and open to the public. Attendees must be 21 or older or accompanied by a parent or guardian. For more information, contact Keri Drinka at [keri.drinka@ndsu.edu](mailto:keri.drinka@ndsu.edu) or 1-6131 or visit [earth.physics.ndsu.nodak.edu](http://earth.physics.ndsu.nodak.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.

## NDSU Extension Service offers classes to help manage diabetes

The NDSU Extension Service will offer classes in 16 counties to help individuals with diabetes control the disease through a healthy diet and lifestyle choices. Dining With Diabetes is a series of four classes that will be offered Nov. 8, 15, 22 and 29.

According to the Centers for Disease Control and Prevention, the number of Americans with diabetes increased from 5.6 million in 1980 to 18.8 million in 2010. The prevalence of diabetes among North Dakota adults increased from 3.5 percent in 1990 to 7.5 percent (37,000 adults) in 2009.

The classes will be held in Grant, Logan, Stutsman, Ransom, Grand Forks, LaMoure, McKenzie, Dunn, Williams, Burleigh, Burke, Cass, Stark, Billings, Mountrail and Morton Counties.

"Participants will learn about making good food choices, portion control, meal planning, healthy food preparation methods and how to read food nutrition labels," said Abby Gold, NDSU Extension Service nutrition and wellness specialist.

The classes will be conducted in the counties through the Interactive Video Network and led by Extension Service agents, certified diabetes educators and registered dietitians.

For more information, contact the NDSU Extension Service office in your county.

## NDSU Bookstore schedules events

### Grad Finale scheduled

The NDSU Bookstore and Herff Jones will sponsor Grad Finale on Wednesday, Nov. 9, from 11 a.m. to 3 p.m. in the NDSU Bookstore. Refreshments and prizes will be available.

Grad Finale assists graduating seniors with preparation for commencement. Students can purchase a cap and gown, diploma frame, commencement announcements and a class ring. Graduation gifts also will be for sale.

Following Grad Finale, all items will be available for purchase in the NDSU Bookstore and online at [www.ndsubookstore.com](http://www.ndsubookstore.com).

The Office of Registration and Records, the Alumni Association and Career Center also support Grad Finale.

### NDSU Bookstore plans Santa Sale

The NDSU Bookstore has scheduled a one-day Santa Sale (formerly the Holiday Open House) for Thursday, Nov. 17. Customers will receive 30 percent off all purchases that day, excluding textbooks, diploma frames, graduation apparel, electronics and convenience items. Holiday treats, prizes and games will be available. For a minimum \$1 donation (to be given to the YWCA Women's Shelter), individuals can have their picture taken with Santa, beginning at 1 p.m. The sale is scheduled from 7:30 a.m. to 6 p.m.

## College plans scholarship recognition luncheon

The 2011 College of Agriculture, Food Systems, and Natural Resources Scholarship Recognition Luncheon is scheduled for Thursday, Nov. 10, at 11:30 a.m. in the Memorial Union Great Plains Ballroom. The annual event honors scholarship donors and scholarship recipients. Letters of invitation have been sent to all scholarship donors, college faculty and students receiving scholarships in the college.

Scheduled speakers include NDSU President Dean L. Bresciani; Provost Bruce Rafert; Michael Bjertness, crop and weed sciences student from Hickson, N.D., who represents student recipients; and Don Kirby, professor from the School of Natural Resource Sciences who represents scholarship donors. Jane Schuh, associate professor of veterinary and microbiological sciences, will introduce the donors and students.

The college has awarded more than 365 scholarships this academic year.

## 36th Annual Scandinavian Buffet scheduled

NDSU Dining Services has scheduled the 36th Annual Scandinavian Buffet for Tuesday, Nov. 15, from 11 a.m. to 1 p.m. in the Memorial Union Great Plains room.

The menu includes pickled herring, captain's salad, fresh vegetables, potato lefse and flatbrod, Scandinavian blend vegetables, Smordanpete Nypoteter (butter-steamed new potatoes), rotemos (rutabagas with mashed potatoes), torsk seasoned with lemon

and butter, kottbullar (Swedish meatballs) and lutefisk. Desserts include rosettes, romegrot, krensakaka (Norwegian wedding cake) and giftisas (Swedish cranberry desert). Beverages include water, coffee and hot cider.

The buffet is open to the public. The cost is \$11 per person. Call 1-8122 for reservations.

## Wellness conference planned

Distance and Continuing Education at NDSU has coordinated a group of area professionals to offer the Holistic and Natural Approach to Health and Wellness conference to be held Wednesday, Nov. 16, at the Ramada Plaza Suites in Fargo. This daylong event is for anyone who wants to learn about holistic and natural approaches to health and wellness to create a healthier lifestyle for themselves or their families.

Three keynote presentations will be given and participants will have a choice of attending smaller sessions on topics of their choice throughout the day. Topics to be discussed include equine therapy, Chinese medicine, natural solutions to headache pain, natural alternatives for your pet's health, ionized water, exercising while sitting, essential oils and secrets to looking and feeling younger.

Registration for the event is \$49 and includes the cost of lunch and all sessions. A schedule with session descriptions (subject to change) and online registration information can be found at <http://ndsu.me/dcehna>.

To register call 1-7015 or 1-800-726-1724. For more information, contact Lisa McNamara at 1-5376 or [lisa.mcnamara@ndsu.edu](mailto:lisa.mcnamara@ndsu.edu).

## Tax management program for agricultural producers set

A tax management program will be offered to agricultural producers and tax preparers Friday, Nov. 18, from 9 a.m. to noon at 11 interactive video sites in North Dakota. The NDSU Extension Service and Internal Revenue Service are sponsoring the program.

The program will feature presentations by Ann Makres, IRS; Steve Eckroth, Eide Bailly, Bismarck; Brenda Laub, CPA, Valley City; Steve Troyer, Eide Bailly, Fargo; and Andy Swenson, NDSU farm management specialist. Experts will provide federal income tax updates and tax management alternatives regarding year-end tax management decisions.

Interactive video sites include Bismarck State College; School for the Deaf, Devils Lake; Bottineau County Courthouse, Bottineau; Dickinson State University; NDSU, Fargo; Grand Forks County Office Building, Grand Forks; James Valley Career and Technology Center, Jamestown; Richland County Courthouse, Wahpeton; Williams County Courthouse, Williston; and NDSU Research Extension Centers in Minot and Langdon.

Pre-registration is required because seating is limited. The cost is \$12. For additional information or to register, call the NDSU Extension Service at 1-8642.

## Indian taco sale planned

The Native American Student Association will host an Indian taco sale on Nov. 22, from 11 a.m. to 1 p.m., at the Equity and Diversity Center. An Indian taco and drink may be purchased for \$7. A vegetarian option substituting refried beans for meat also will be available.

All proceeds will go toward the organization's planned events, such as reaching out to high school students and attending conferences.

Members of the Native American Student Association and the American Indian Science and Engineering Society plan to attend the National American Indian Science and Engineering Society Conference in Minneapolis Nov. 10-12. The conference provides networking and professional development opportunities for Native American students who study science, math, education and technology fields.

## Fall Discover U scheduled for Nov. 30

The fall Discover U is scheduled for Wednesday, Nov. 30, from 8 a.m. to 12:30 p.m. in the Memorial Union Great Plains Ballroom. All NDSU staff are invited and encouraged to attend this staff development workshop organized by Staff Senate.

This year, two half-day Discover U events will be offered, one in the fall and one in the spring, to provide a better opportunity for more staff to participate without being away from work an entire day.

The Nov. 30 program will feature five NDSU Community of Respect trainers. Adapted from a nationally recognized program at Texas A&M University, Community of Respect is a program designed to prepare people with greater cultural awareness and competence. The objective is to teach participants about cultural differences – both global and intra-American – and to encourage them to think critically about the impact of their cultural values in their relationships with others.

The Community of Respect curriculum that will be offered through Discover U on Nov. 30 consists of the three following modules that will keep participants actively engaged:

- Learning about culture,
- Identifying their own cultures and cultural values, and
- Developing skills to recognize and manage situations in which cultural values are impacting our interactions with one another.

Registration forms have been sent to all staff. The form also is available at [www.ndsu.edu/staff\\_senate](http://www.ndsu.edu/staff_senate).

The deadline to register is Monday, Nov. 21. The cost is \$15, which includes a continental breakfast and lunch.

## PUBLICATIONS/PRESENTATIONS

### Assistant professor of English to speak at national convention



Sassi

Kelly Sassi, assistant professor of English and English education, will speak at the National Council of Teachers of English Annual Convention scheduled for Nov. 17-22 in Chicago.

Sassi will present during the panel session, "Common Core Standards and the Dilemma of Writing District-Wide Curriculum." According to the convention program, the session draws on one year of curriculum work by an English Language Arts Committee comprised of a dozen six-12th grade English teachers as they analyze the affordances and limitations of adopting the common core standards.

The session is scheduled on Friday, Nov. 18, from 9:30 a.m. to 10:45 a.m.

Each year, the convention draws thousands of K-12 teachers, college faculty, administrators and other educational professionals from around the world. They gather to hear award-winning speakers, attend idea-packed sessions, share best practices, participate in workshops and test the latest teaching materials.

### Communication researchers to present at conference



O'Connor

Amy O'Connor, associate professor and director of graduate studies in the Department of Communication, and graduate student Alicia E. Phillips are scheduled to give a presentation at the upcoming Corporate Social Responsibility in Communication conference in Amsterdam.

O'Connor and Phillips will present "Consumption Conundrum: Millennials perceptions of pink ribbons" during the conference Oct. 26-28.

The research presentation is an extension of Phillips' master's degree thesis project, which focuses on how Millennials perceive the pink ribbon products associated with finding a cure for breast cancer. O'Connor is Phillips' adviser.

"The conference is an excellent opportunity for Alicia to engage in collaboration and conversation with the international research community about corporate social responsibility issues," O'Connor said, noting the gathering is the first international conference of its kind.

## Faculty and students present at feminism and rhetoric conference

English department members Rebecca Hayes, Heather Steinmann, Kelly Cameron, Kelly Sassi and Amy Rupiper Taggart presented at the National Feminism(s) and Rhetoric(s) Conference, Oct. 12-15 in Mankato, Minn. The theme of the conference was “Feminist Challenges or Feminist Rhetorics? Locations, Scholarship, and Discourse.” Cameron, Hayes, Rupiper Taggart and Sassi formed a panel titled “Four Women Who Wrote for the Sake of Social Change,” which emphasized feminist historiography, recovering important women writers and highlighting their distinctive rhetorical responses to challenging socio-political conditions of their times.

Cameron, a former master’s degree student and current lecturer in English, presented “An Irish Mother India: Margaret Cousins’ Rhetoric of Witnessing in ‘We Two Together.’” The paper suggested Margaret Cousins, an Irish woman working in India, used a rhetoric of witnessing, acting as a medium to advance Indian women’s rights.

Hayes, a current master’s degree student in English, gave a presentation on her archival research on Aloha Eagles’ letters. Eagles was a North Dakota legislator who worked on a bill that would have legalized abortion, and Hayes suggests Eagles and her correspondents used the rhetorics of identity to navigate the socially sensitive topic of abortion. Her presentation was titled “Who Are You and I ... ?; Rhetoric of Identity in the Aloha Eagles Letters.”

Rupiper Taggart, associate professor of English, presented “The Axis of Agency and Social Control: Jessie Fauset’s Rhetorical Space and the Rhetoric of Respectability,” which examines a Harlem Renaissance literary figure and Progressive era leader from a rhetorical perspective. It suggests she participated in both highlighting images of a rising African American middle class and in a rhetoric of respectable behavior rooted in the Baptist Women’s Convention, all with the goal of race “uplift.”

Sassi presented her work on S. Alice Callahan’s novel “Wynema” and its reception. The presentation, titled “She Wrote It, BUT ... It’s ‘Assimilationist Dogma’: Indigenous Feminist Spatial Rhetoric in the First Novel by a Native American Woman,” suggests rather than being assimilationist, “Wynema” uses indigenous rhetorics of dual voicing, among other techniques, to reach white audiences.

Heather Steinmann, a doctoral student, joined a panel on “Rhetoric and Fictions: Interpretation and Collaboration,” and she presented her work “Victimization in Dorothy Allison’s ‘Bastard out of Carolina’: Turning the Inside out.” In this presentation, Steinmann suggests Allison uses fictional writing techniques to expose readers to the experience of oppression that cannot be fully realized in purely academic writing.

## Pharmaceutical sciences researchers to publish paper

Erxi Wu, assistant professor of pharmaceutical sciences, and Shuang Zhou, doctoral student of pharmaceutical sciences in Wu’s lab, co-wrote the article, “High glucose promotes pancreatic cancer cell proliferation via the induction of EGF expression and transactivation of EGFR,” which will be published by PLoS ONE.

According to the authors, multiple lines of evidence suggest that a large portion of pancreatic cancer patients suffer from either hyperglycemia or diabetes, both of which are characterized by high blood glucose level. However, the underlying biological mechanism of this phenomenon is largely unknown. The authors demonstrated that the proliferative ability of two human pancreatic cancer cell lines, BxPC-3 and Panc-1, was upregulated by high glucose in a concentration-dependent manner. Furthermore, the promoting effect of high glucose levels on epidermal growth factor (EGF) transcription and secretion, but not its receptors in these pancreatic cancer cell lines, was detected by using an epidermal growth factor-neutralizing antibody and reverse transcription polymerase chain reaction. In addition, the epidermal growth factor receptor transactivation is induced by high glucose levels in concentration- and time-dependent manners in pancreatic cancer cells in the presence of the epidermal growth factor-neutralizing antibody. These results suggest that high glucose promotes pancreatic cancer cell proliferation via the induction of epidermal growth factor expression and transactivation of epidermal growth factor receptor.

“Our findings may provide new insight on the links between high glucose level and pancreatic cancer in term of the molecular mechanism and reveal a novel therapeutic strategy for pancreatic cancer patients who simultaneously suffer from either diabetes or hyperglycemia,” senior author Wu said.

The paper was co-written with Qingyong Ma lab at Xi’an Jiaotong University, China. “We have established a productive collaboration with the Ma lab in finding cancer therapeutics and elucidating the mechanisms of the targeted therapy for pancreatic cancer, one of the most lethal malignancies,” Wu said.

PLoS ONE journal features reports of original research from all disciplines within science and medicine. By not excluding papers on the basis of subject area, PLoS ONE facilitates the discovery of the connections between papers whether within or between disciplines ([www.plosone.org](http://www.plosone.org)). During the past four years, Wu has published five papers in the journal ([www.ndsu.edu/pharmsci/faculty\\_staff/erxi\\_wu](http://www.ndsu.edu/pharmsci/faculty_staff/erxi_wu)).

## SHORTS AND 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).

**Director, International Programs**

Office of International Programs  
Commensurate w/education and experience  
Open until filled

**Coordinator, Human Development and Education Online Programs**

Human Development and Education  
Salary contingent upon qualifications  
Open until filled

**Associate Director, Maintenance and Repairs**

Facilities Management  
Commensurate w/experience  
Open until filled

**Software Engineer**

CNSE  
Commensurate w/experience  
Open until filled

**Physician**

Student Health Services  
Commensurate w/experience

**HPC Systems Administrator**

Computationally Assisted Science and Technology  
Commensurate w/experience  
Open until filled

**Nutritional Research Specialist/#00020244**

Animal Sciences  
\$19,500+/year  
Open until filled

**Nutrition Laboratory Technician**

Animal Sciences  
\$19,500+/year  
Open until filled

**Technical Support Coordinator/#00026417**

Vice President, Finance and Administration  
Commensurate w/experience  
Open until filled

**Agricultural and Biological Sciences****Librarian/#00021069**

Library  
\$44,000/year  
Open until filled

**Physical Sciences and Engineering****Librarian/#00018838**

Library  
\$45,000  
Open until filled

**Agricultural Research Specialist**

Central Grasslands Research Extension Center  
Commensurate w/experience  
Open until filled

**Mid-Level Practitioner NP/PA**

Student Health Services  
\$56,160+/year  
Open until filled

**Ruminant Nutrition Physiology****Technician/#00020240**

Animal Sciences  
\$20,500+/year  
Nov. 22

**Associate Research Fellow/Traffic****Operations Engineer**

UGPTI  
Commensurate w/education and experience  
Open until filled

**Program Manager**

UGPTI  
Commensurate w/education and experience  
Nov. 1

**Coordinator Wellness Center – Fitness**

Wellness Center  
\$35,000+/year  
Open until filled

**Nutrition Education Assistant, FNP****(Fort Berthold)**

Extension Food and Nutrition  
\$25,900+/year  
Open until filled

**Nutrition Education Assistant, FNP –****Sioux County**

Extension Food and Nutrition  
\$25,900+/year  
Open until filled

**Associate Research Fellow/Traffic Operations Engineer**

Upper Great Plains Transportation Institute  
Commensurate w/education and experience  
Open until filled

**Computer Graphics Artist**

Plant Sciences  
\$32,000+/year  
Nov. 1

**Ag Research Technician**

Hettinger Research Extension Center  
\$24,960/year  
Nov. 4

**Medical Records and Technology Support Assistant**

Student Health Services  
\$22,230+/year  
Nov. 7

**Administrative Secretary**

4-H Youth Development  
\$26,000+/year  
Nov. 1

**Administrative Secretary, Fort Berthold Extension Office**

Extension Services  
\$26,000+/year  
Open until filled

**Food Service Worker (10 month)**

Dining Services  
\$9+/hour  
Open until filled

**Catering/Swing Cook**

Dining Services  
\$12.50+/hour

**Soil Scientist, Carrington Research Extension Center**

Agriculture and University Extension  
Commensurate w/experience  
Nov. 11

**Vice President for Information Technology and Chief Information Officer**

Division of Information Technology  
Commensurate w/experience  
Open until filled

## CALENDAR

## OCTOBER

31 **NDSU Bookstore Halloween Costume Contest** – 9 a.m. to 4 p.m., NDSU Bookstore in the Memorial Union.

31 **Plant Sciences Graduate Seminar** – “Shade Avoidance Response in Zea mays,” Sonali Mehta – 3:30 p.m., Loftsgard room 114.

## NOVEMBER

1 **Leadership Development Program Panel** – 11:30 a.m. to 1 p.m., Memorial Union Arikara room – FORWARD event.

1 **Science, Religion, and Lunch Seminar** – “A Dinosaur in the Sanctuary,” Galen Kuhens – Noon, Memorial Union Meadow Lark room.

1 **Disability Simulation, Tim McCue, LLC residence hall director** – 3 p.m. to 5 p.m., Memorial Union Prairie room.

2 **Brown Bag Seminar, opening ceremony for Native American Heritage Month** – Noon to 1 p.m., Memorial Union Arikara room.

2 **Victims of Poverty and Human Trafficking** – Patrick Atkinson, founder of the God’s Child Project and the Institute for Trafficked, Exploited and Missing Persons, 1 p.m. to 2 p.m., Memorial Union Century Theater.

3 **Cosgrove Seminar Series Poetry Reading** – Hillol Ray, NDSU alumnus – 4:30 p.m., Memorial Union Mandan room.

3-5 **Anti-racism professional development workshop** – Memorial Union Hidatsa room. Contact Larry Peterson at [larry.r.peterson@ndsu.edu](mailto:larry.r.peterson@ndsu.edu) or 1-8824 or Gene Berry at [eugene.berry@ndsu.edu](mailto:eugene.berry@ndsu.edu) or 1-7520 for more information.

3 **Saxophone quartet recital** – 7:30 p.m., Beckwith Recital Hall. Free and open to the public.

4 **Civil Engineering Department Presentation** – “Brief Overview of the EPA Region 6 Drinking Water Enforcement Program,” Hillol Ray, NDSU alumnus, Environmental Protection Agency, Dallas – 10 a.m. in the Department of Civil Engineering.

4 **Biological Sciences Department Seminar** – “Amphibians in Space and Time: an Integrated View from the Northern Great Plains,” Robert Newman, biological sciences, University of North Dakota, 3 p.m., Loftsgard room 114.

4 **Animal Sciences Seminar Speaker** – “Effects of postmortem aging on palatability of beef short loins,” Ashley Lepper, animal sciences doctoral student, 3 p.m. to 4 p.m., Hultz Hall room 104.

4 **Nepali Night ‘Mahotsav’ 2011** – 5:30 p.m. to 7:30 p.m., Beckwith Recital hall. Free admission, passes available at the Memorial Union.

5 **Percussion day concert** – 5 p.m., Festival Concert Hall, free and open to the public.

5 **Baroque Festival Faculty Chamber Concert** – 7:30 p.m., Messiah Lutheran Church (2010 N. Elm St.). Tickets: \$5 for adults, \$2 for students and seniors. Tickets available at the door.

6 **Baroque Festival Student Concert** – 2 p.m., Messiah Lutheran Church (2010 N. Elm St.). Free and open to the public.

7 **Plant Sciences Graduate Seminar** – “Refuge-in-a-Bag for Bt in Maize,” Erin Burns – 3:30 p.m., Loftsgard room 114.

7 **Plant Sciences Graduate Seminar** – “Reducing Glyphosate Spray Drift with Equipment Technology,” Alicia Hall – 3:30 p.m., Loftsgard room 114.

9 **FORWARD Ally Training** – College of Engineering and Architecture – 11:30 a.m. to 1 p.m., Memorial Union Hidatsa room.

9 **Brown Bag Seminar, “My Military Life” panel** – Noon to 1 p.m., Memorial Union Arikara room.

10 **Gear Up for Grants Seminar – “Using Grants.gov and Other Key Grants Processes”** – 3 p.m. to 4:30 p.m., Memorial Union Room of Nations.

13 **Gold Star Marching Band: Sounds of the Gridiron** – 2 p.m., Fargodome, free and open to the public.

14 **Plant Sciences Graduate Seminar** – “Climatological Dependency of Sugarbeet and Wheat Yields in North Dakota,” Robynn Anfinrud – 3:30 p.m. Loftsgard room 114.

14 **Plant Sciences Graduate Seminar** – “Comparative Genomics in Orphan Crops and Non-Coding Sequences,” Juan Calle-Bellido – 3:30 p.m. Loftsgard room 114.

15 **FORWARD Ally Follow-Up Discussion** – 2:30 p.m. to 3:30 p.m., FLC room 316E.

16 **Brown Bag Seminar, “Indigenous Expressions,” panel about Native American dances** – Noon to 1 p.m., Memorial Union Arikara room.

17 **World iView presentation** – “iPakistan: invest in Pakistan,” Samee U. Khan, assistant professor of electrical and computer engineering, will discuss strategic investments of the U.S. government in Pakistan that most people don’t know about – Noon to 1 p.m., Memorial Union Meadow Lark room.

18 **NDSU Opera Workshop Performance** – 7:30 p.m., Beckwith Recital Hall, free and open to the public.

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

**NEXT ISSUE** Publication date: Tuesday, Nov. 15 | Submissions due: Nov. 9 at noon

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