

NDSU

VOLUME 3 ISSUE 15

IT'S HAPPENING AT STATE

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NDSU to open commodity trading room

NDSU's Department of Agribusiness and Applied Economics will have a commodity trading room available for students this fall.

The room, located in NDSU's Richard H. Barry Hall, will be a teaching platform for commodity trading, marketing, logistics and risk management. It will feature advanced information sources, trading software and analytical tools.

"The CTR will allow us to be more effective teachers of commodity trading, escalate the sophistication of training for our current students and, eventually, increase enrollment among students interested in pursuing careers in the commodity trading field," said William Wilson, professor in the agribusiness and applied economics department.

The room is made possible, in part, by a donation of \$250,000 from the Archer Daniels Midland Co.

"As a global agricultural business that connects crops with markets around the world, ADM relies on the acumen of our commodity merchandisers every day," says Scott Nagel, president of Archer Daniels Midland-Benson Quinn. "North Dakota State University has a long tradition of preparing students for the complex world of agricultural commodity trading, and we are pleased to help them continue this leadership with our investment in the Commodity Trading Room. We are confident it will help develop the next generation of industry leaders."

The commodity trading room will feature:

- A trading room atmosphere with market information displays
- Thirty-two seats with computers and access to information and software
- Access to information from Thompson-Reuters and other information providers

- Trading/analytical software and trade simulation packages to allow direct trading on a live platform
- Position report software
- Commodity logistics software, such as EKA and Triple Point
- Software for risk analysis, forecasting and logistics

"The CTR will be flexible to allow for the inclusion of other software and information as these become available," Wilson said. "NDSU will include the use of the CTR in current courses and also will introduce new courses that can make use of the teaching platform."

"This is a continuation of NDSU agriculture investing, in collaboration with industry partners, to keep its research and teaching state of the art," said Ken Grafton, College of Agriculture, Food Systems, and Natural Resources dean and North Dakota Agricultural Experiment Station director. "NDSU will have the ability to escalate the sophistication of training so our students are better prepared for their careers."

The commodity trading room also can be used for targeted industry programs, including those for individual firms, industry organizations and marketing clubs. The Northern Crops Institute at NDSU will use the room to teach grain importers about grain procurement and risk management. Archer Daniels Midland Company will use it to provide specialized training for early to midcareer commodity traders.

The North Dakota Agricultural Experiment Station, NDSU vice president for academic affairs and the Technology Fee Assessment Committee also have provided funding.

NDSU www.ndsu.edu/ihas

News and events

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

Deadline set for Aug. 31 It's Happening at State

The next electronic issue of It's Happening at State will be posted Aug. 31 at www.ndsu.edu/ihas. Submissions for that issue are due Aug. 26.

Regular hours resume

NDSU will return to regular hours on Monday, Aug. 22. Regular office hours are 8 a.m. to 5 p.m.

President's Welcome scheduled

President Dean L. Bresciani and student body president Cam Knutson will welcome new students to NDSU at 1 p.m. by the university gates (corner of University Drive and 12th Avenue North).

NDSU designated 'infant friendly'

NDSU is among the first organizations in North Dakota to be recognized as "infant friendly," by the North Dakota Department of Health, Division of Nutrition and Physical Activity. The designation, announced at the end of July, will be in effect for three years.

The new "infant-friendly" designation recognizes worksites that have adopted a workplace breastfeeding policy that includes:

Flexible work scheduling, including scheduling breaks and permitting work patterns that provide time for expression of breast milk.

A convenient, sanitary, safe and private location (other than a restroom), allowing privacy for breastfeeding or expressing breast milk.

A convenient, clean and safe water source with facilities for washing hands and rinsing breast-pumping equipment located near the private location.

A convenient place for temporarily storing breast milk, such as a refrigerator or cooler.

The designation coincides with Gov. Jack Dalrymple's proclamation of Breastfeeding Week, Aug. 1-7. It also aligns with the global celebration of World Breastfeeding Week, an annual event that draws attention to the health impacts of breastfeeding for both babies and mothers.

"We understand that if a woman has support in her place of employment she will breastfeed her infant for a longer duration," said Deanna Askew, healthy communities coordinator for the N.D. Department of Health. "This will give the baby an edge in overall health, including less infections, disease, obesity and diabetes."

According to research, breastfeeding also benefits the employer. Such benefits include lower health-care costs because breastfed babies are healthier, lower absenteeism and lower turnover rates since women are more likely to return to their previous jobs if the company provides support for breastfeeding mothers. These benefits can provide considerable cost savings to employers.

"NDSU is continuously striving to recruit and retain the best possible employees. Having been approved as an infant-friendly employer is another step in that direction. The Memorial Union staff worked diligently to get the Mother's Room ready, and the response has been phenomenal," said Brittnee Steckler, benefits coordinator in NDSU's Office of Human Resources and Payroll. "As an NDSU alumna and employee, it gives me one more reason to be proud to be a Bison."

The infant-friendly designations and World Breastfeeding Week complement the 2011 Surgeon General's Call to Action to Support Breastfeeding. In January, Surgeon General Dr. Regina M. Benjamin called all sectors of society to help remove the obstacles faced by women who want to breastfeed.

For more information about the "infant-friendly" designation, contact Askew at (701) 328-4568.

Set for new students, NDSU plans Move-In Day



A new student moves into a residence hall with her parents' assistance.

NDSU is ready to welcome the newest class of students this fall. Move-In Day is scheduled for Saturday and Sunday, Aug. 20 and 21, from 8 a.m. to 6 p.m. each day. Residence halls will be open and ready for students to get settled in.

On Saturday, more than 100 student volunteers will be waiting throughout the residence halls to greet new students, unload vehicles and carry items into residence hall rooms. Several faculty and staff also will be available throughout campus to welcome students, direct traffic and answer questions.

The Memorial Union will be a hub of activity, as the NDSU Bookstore, Bison Connection and other services will be open and available to assist students.

"This will always be one of my favorite and most memorable days of the year," said Michael Harwood, assistant dean of student life. "It is a day where faculty, students and staff welcome new students to the bison family and NDSU community."

For more information on Move-In Day, contact Jackie Schluchter, associate director of the Office of Orientation and Student Success, at jackie.schluchter@ndsu.edu or 1-9610.

NDSU Bookstore returns to regular hours

The NDSU Bookstore returns to its regular store hours Aug. 15. The hours are Monday through Thursday 7:30 a.m. to 6 p.m. and Friday 7:30 a.m. to 5 p.m. Opening weekend hours for the bookstore will be Saturday, Aug. 20, 9 a.m. to 6 p.m. and Sunday, Aug. 21, noon to 6 p.m.

The NDSU Bookstore at Barry Hall reopens Aug. 15. The hours return to Monday through Thursday 8 a.m. to 6 p.m. and Friday 8 a.m. to 5 p.m.

View the customer service page at www.ndsubookstore.com for more details.

Sioux portraits by ND photographer displayed at NDSU

A new exhibit at NDSU features powerful portraits of Sioux tribal members captured by renowned North Dakota photographer Frank Fiske.

"People of Standing Rock," displayed in the President's Gallery in Old Main, features 30 detailed images of men and women, young and old, taken between 1890 and 1920 on Standing Rock Reservation. Among the photographs are Sioux Chief Rain-In-The-Face, who fought Red Cloud Wars and Little Bighorn; Sitting Bull's nephew, One Bull; police officer Joe No Heart; and Native Americans sitting among Catholic priests who were on a mission trip.

The images, selected from a collection of 6,560 negatives, provide vivid details of how Sioux members looked and dressed, capturing natural adornments such as eagle feathers, elk teeth, cow bone, buffalo horns, fur, prairie chicken feathers, quills, deer hooves, horsehair and bear claws.

An excerpt from a book, which accompanies the collection, describes Fiske's work as follows: "The photographs in the Fiske portfolios are important windows, historically and artistically, for they show a proud people during a period of difficult and often painful transition. Through the glass of Frank Fiske's negatives lies an abundance of information and understanding."

Another excerpt from the collection's book indicates Fiske was a rarity among American photographers whose work centered on the American Indian. "Unlike most such artists, Fiske was a native of the Dakotas and grew up with many of those people who later became subjects for his camera on the reservation lands bordering the Missouri River. The Sioux Indian people of the Standing Rock agency were friends, neighbors – a part of his life and upbringing."

Fiske was born in 1883 north of Pierre, S.D., and moved with his family to Fort Yates in 1889. He took over an abandoned photography studio when he was just a teenager.

Fiske's portraits of the Standing Rock Sioux received not only artistic recognition, but also were used commercially. The portraits appeared on postcards, calendars and even N.D. highway markers. His most active years as a photographer were 1900-1928. Beyond his portraits, Fiske became known for documenting everyday life in central and southern North Dakota, especially the Fort Yates area. Fiske also wrote two books. In 1917, he published "The Taming of the Sioux," and in 1933, "The Life and Death of Sitting Bull." He died in 1952.

The portraits in the "People of Standing Rock" exhibit are fine reproductions from the original negatives, which are preserved at the State Historical Society of North Dakota. The North Dakota Heritage Foundation published it in 1983 and the NDSU Institute for Regional Studies purchased the set several years later. In the 1990s John Beecher, former NDSU library director, funded the framing of the collection, completed to archival/museum standards.

John Bye, director and university archivist for the Institute for Regional Studies and University Archives at NDSU, says the exhibit is a great opportunity to see the work of one of North Dakota's well-known photographers, as well as a chance to study some

of the people who called Standing Rock their home. "The viewer has the opportunity to study each person, to appreciate the strength of character of each," he said.

The President's Gallery is located on the first floor of Old Main. The exhibit is free and open to the public 7:30 a.m. to 4 p.m., Monday through Friday. It is expected to remain open for a few months, as a closing date has not been set. Staff members of the Memorial Union Gallery developed and installed the display.

For more information, contact Bye at john.bye@ndsu.edu or 1-8877. Visit <http://digitalhorizonsonline.org> to view many of Fiske's images.

Faculty and Staff Alcohol and Other Drug Survey results revealed

The NDSU President's Council on Alcohol and Other Drugs announced the results of the Spring 2011 NDSU Faculty and Staff Alcohol and Other Drug Survey. The survey was administered to all NDSU faculty and staff to assess perceptions of alcohol and other drug use and problems on campus, awareness of policy and policy enforcement, support for efforts to combat alcohol and other drug problems, and perceived ability to assist students who are experiencing a problem.

Major findings of the study include:

- Vast majority of NDSU faculty and staff are aware of an NDSU alcohol and other drug policy (98 percent) and believe NDSU is concerned about prevention (94.8 percent)
- Large increase in the number of faculty and staff aware of alcohol and other drug training programs at NDSU (69.5 percent, up from 34.7 percent in 2008)
- Slight decrease in faculty and staff who know how to refer a student or colleague with alcohol and other drug problems (68.3 percent, down from 69.1 percent)
- Slight decrease in faculty and staff who want to be involved in alcohol and other drug prevention efforts (36 percent, down from 38.4 percent)
- Overall, 41.6 percent of faculty and staff would like to learn more about incorporating alcohol and other drug prevention messages into their interactions with students.

The President's Council on Alcohol and Other Drugs has many initiatives under way to address high-risk alcohol and other drug use at NDSU. For more information on these initiatives, ways faculty and staff members can get involved and a full summary of results of the 2011 Faculty and Staff Alcohol and Other Drug Survey, visit www.ndsu.edu/alcoholinfo.

Direct questions to Erika Beseler Thompson, assistant director of Alcohol and Other Drug Abuse Prevention in the Office of Orientation and Student Success, at erika.beseler@ndsu.edu or 1-5478 or Laura Oster-Aaland, director of the Office of Orientation and Student Success, at laura.oster-aaland@ndsu.edu or 1-7750.

NDSU premieres movie about famous environmentalist

The NDSU Environmental and Conservation Sciences Graduate Program and the Department of Biological Sciences will co-host the North Dakota premiere of a new movie about environmentalist Aldo Leopold. "Green Fire: Aldo Leopold and a Land Ethic for Our Time" is scheduled for Tuesday, Sept. 20, at 7 p.m. in Festival Concert Hall. There is no admission charge.

Stanley Temple, a renowned conservation biologist at the University of Wisconsin, will introduce the film and answer questions.

Leopold, who died in 1948, was a noted American environmentalist, author and scientist. He was a professor at the University of Wisconsin, and is perhaps best known for his book, "A Sand County Almanac," which sold more than 2 million copies. He was highly influential in the development of modern environmental ethics and the wilderness conservation movement.

According to Craig Stockwell, associate professor of biological sciences and director of the Environmental and Conservation Sciences Graduate Program, the movie shares highlights from Leopold's career, explaining how he helped shape conservation and the modern environmental movement. "It also illustrates Leopold's vision of using the land in a sustainable manner and highlights modern projects that put Leopold's land ethic in action in a multitude of ways," Stockwell said.

Additional sponsors include the Red River Zoo and F-M Audubon Society. For more information, visit www.GreenFireMovie.com or www.ndsu.edu/ecs.

International Programs Director Search Committee named

Fourteen faculty and staff members have been named to the International Programs Director Search Committee.

The director will lead the internationalization effort at NDSU, develop international programs on campus, direct the Office of International Programs, represent NDSU's international services and programs to off-campus organizations and officials and assist the vice president for the Division of Equity, Diversity and Global Outreach in campuswide globalization efforts. The director reports to the vice president for equity, diversity and global outreach.

Virginia Clark Johnson, dean and professor for the College of Human Development and Education, and Gary Smith, dean and professor for the College of Engineering and Architecture, and will co-chair the search committee.

Additional committee members include:

- Thomas Ambrosio, associate professor, criminal justice and political science
- Rafiki Assumani, undergraduate student
- Carol Bishop, lecturer/IELP instructor, modern languages
- Mary Foschia, administrative support, Division of Equity, Diversity and Global Outreach

- Dean Gorder, executive director, North Dakota Trade Office
- Krishna Kambhampaty, graduate student
- Alicia Kauffman, associate director, Office of International Programs
- Deborah Maertens, assistant director for faculty immigration, Office of International Programs
- Thomas Wahl, professor, agribusiness and applied economics
- David Wittrock, dean, Graduate School
- Kristi Wold-McCormick, registrar, registration and records
- Newell Wright, director, Center for Global Initiatives

The screening date for the position was Aug. 5. The committee plans to fill the position by Jan. 1.

SU Impact grant applications sought

The NDSU Development Foundation again is 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, as well as proceeds from the annual Bison Bidders Bowl.

"We again hope to see applications from all across campus. We are looking for innovative projects that will make a significant impact," said John Wold, chair of the foundation's Grants and Awards Committee. "We were very pleased to fund the establishment of the Thought Leader Workshop with an SU Impact Fund Grant last fall and look forward to new opportunities this year, particularly those that would have an impact on the campus classroom environment."

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. Successful grant requests should clearly recognize the Development Foundation SU Impact Fund as the source of funding.

Applications are due to the Development Foundation Sept. 2. The completed form may be submitted to joann@ndsualumni.com.

The Grants and Awards Committee will select a group of finalists for additional consideration. These finalists will be invited to make 10-minute presentations to the committee during its Homecoming meeting on Sept. 29. Notification of awards is scheduled for Oct. 4.

For more information about the program and an application form, visit www.ndsufoundation.com and access the campus resources section of the website.

NDSU's Native American garden gets flower identification signs



Grandmother Earth's Gift of Life Garden

The Grandmother Earth's Gift of Life Garden on the NDSU campus now has signs to identify its various plants. The signs include the common plant name, scientific name and how Native Americans used the plant. For example, the wild bergamot was used to treat intestine and skin ailments.

The garden is located at the corner of Centennial Boulevard and Administration Avenue.

The garden honors Native Americans of North Dakota and features plants and soil provided by tribal colleges throughout the state. The garden was dedicated June 1, 2009.

Todd Weinmann, NDSU Extension horticulturist for Cass County, formed a committee to look at what should be planted in the garden and how the public could fully appreciate the garden through educational efforts, such as the identification signs. Botanists from the tribal colleges also were asked to share information on how Native Americans used the plants.

The NDSU Extension Service, along with the Spirit Lake Tribe, Standing Rock Sioux Tribe, Turtle Mountain Band of Chippewa, Mandan Hidatsa Arikara Nation, Sisseton Wahpeton Oyate and NDSU Office of Multicultural Programs, planned and implemented the garden.

Edwin Fissinger Choral Composition winners announced

NDSU Music announced that "When Music Sounds" by Nancy Hill Cobb, a composer and conductor from Terre Haute, Ind., is the winner of the Edwin Fissinger Choral Composition Prize. The NDSU Concert Choir will premiere the piece on Oct. 2 in Festival Concert Hall. Second prize is awarded to "Walls of Glass" by Christian Martin, a music student at Binghamton University in upstate New York.

Major published compositions for Hill Cobb include "Thredony" for chorus and orchestra and "The Seven Last Words" for chorus and chamber orchestra. Her most recent choral publications are "Titania's Lullaby," published in 2010, and "Invictus," set for release in 2012. "Invictus" was the third in a series of commissions by the Ohio State University Men's Glee Club. Additional recent compositions include "Opacity and Translucence" for horn and piano, "Suite for Reeds" (commissioned by Trio Canna) and "Three Psalms" for tenor, cello and piano. Hill Cobb is director of the School of Music at Indiana State University.

The annual choral composition competition is organized by NDSU Music to honor the legacy of noted choral composer and longtime NDSU choral conductor Edwin Fissinger. Additional information can be found at www.ndsu.edu/finearts/music/fissinger.

Program helps Native American students become engineers



Students learn how to use surveying equipment on campus.

Eight Native American students worked toward their dream of becoming engineers by taking classes and learning about the profession at NDSU this summer thanks to a new program called the "Pre-Engineering Education Collaborative."

The collaborative, funded by a \$4.8 million National Science Foundation Grant, connects NDSU with four North Dakota tribal colleges to prepare and support Native American students who want to pursue an engineering career. The ultimate goal is to improve the diversity and education of engineering graduates in the state.

Under the collaborative, students begin their studies in a pre-engineering program at one of the participating tribal colleges – Cankdeska Cikana Community College, Turtle Mountain Community College, Sitting Bull College and Fort Berthold Community College – then transfer to NDSU to complete their studies.

To facilitate the transition, program coordinators developed a supplemental 12-day summer session at NDSU July 25-Aug. 5.

The days were intense, stretching 8 a.m. to 8 p.m. Each morning started with surveying, followed by "Math Boot Camp," which sharpened the students' skills in trigonometry and calculus, and providing an overview of additional math courses they will encounter in the engineering curriculum. From there, they attended a CADD class, where they used surveying data from that morning to generate a plot or map of the area surveyed.

After an evening meal on campus, professional development topics ended the day, focusing on everything from life on campus to life for Native Americans in the region.

For Robert Pieri, NDSU tribal college partnership coordinator, the program is about sharing opportunities, which relates back to NDSU's land-grant mission. "The reason the partnership makes sense is our missions are compatible ... we're supporting each other to develop that expertise. There's a need at the tribal college. We can answer that need. So let's work together to do that," Pieri said.

NDSU's collaboration is one of only four programs in the nation. Other National Science Foundation funded collaborations are in South Dakota, Wisconsin and Hawaii.

For more information about the "Pre-Engineering Education Collaborative," contact Pieri at robert.pieri@ndsu.edu or 1-8673.

Tri-College University welcomes new board members



McKinnon

Kevin McKinnon and Dennis Millirons have been elected to serve three-year terms as citizen directors on the Tri-College University board.

McKinnon is president of the Greater Fargo Moorhead Economic Development Corp. He previously was director of business development for the Minnesota Department of Employment and Economic Development, executive director at a regional public/private economic development organization and manager for city economic development activities in both Minnesota and Colorado. He earned his bachelor's degree from the University of North Dakota and resides with his family in Fargo.



Millirons

Millirons is president of Sanford Medical Center in Fargo and is responsible for overall operations of the hospital. He earned his bachelor's degree from Southwestern Oklahoma State University in Weatherford, Okla., and his master's degree from Trinity University, San Antonio. He previously was president and chief executive officer of Condell Health Network and Advocate Condell Medical Center in Libertyville, Ill.

"McKinnon and Millirons will bring a breadth of relevant expertise to the board," said Tri-College University Provost Tim Flakoll. "Their abilities match up well with the important work we have ahead of us as we continue to add value to the academic and business communities."

McKinnon and Millirons fill seats vacated by Brian Walters, previous president of the Greater Fargo Moorhead Economic Development Corp., who served one term, and Bruce Furness, who served three terms.

The Tri-College board also welcomes William Craft, recently elected president of Concordia College. Along with NDSU President Dean L. Bresciani and MSUM President Edna Szymanski, Craft will direct the vision and mission of the Tri-College University.

Additional Tri-College University citizen board members include Pamela Astrup and Paul Marquart. Founding board member Douglas Sillers held an honorary seat on the board, and died Aug. 1 at age 96. He is credited with writing the Minnesota legislation while serving in the House of Representatives to begin the Tri-College University collaboration in 1970. He served on the board for more than 40 years.

NDSU Leadership Program selects fifth class

Rural Leadership North Dakota's fifth class includes ranchers, economic development officials, farm organization leaders, Extension Service agents, business owners, a grain farmer, dairy operations manager, patient financial services manager and precision agriculture adviser.

They are among 26 participants chosen for the NDSU Extension Service's leadership development program that starts in December. They will spend 18 months developing skills to help them shape the future of their organization, community and state.

The 2011-13 program consists of in-state seminars with experts on topics such as leadership, economic development and agriculture; tours of agricultural and community businesses; trips to Washington, D.C., and Minneapolis to meet with agricultural, business and governmental leaders; and a trip to Brazil to learn about international agricultural and community issues.

Participants will learn leadership skills, such as thinking critically and creatively, communicating effectively and managing conflict. They also will learn about agricultural and rural policy, the agricultural economy and future trends that could affect North Dakota agriculture, finding innovative ways to fund local and regional development projects, marketing, civic engagement, the value of coalitions and partnerships, industry and community advocacy, and how to work with the state Legislature.

In addition, they'll create a network of contacts and resources they can tap into for ideas, answers and support, and they'll use the skills they've learned to improve their operation, business, organization, community or region.

The people selected for the 2011-13 class are: Ashley Alderson, Bowman; Stacy Artz, Antler; Vawnta Best, Watford City; Thomas Bodine, Velva; Andrea Bowman, Bowman; Annette Carlson, Cleveland; Matthew Danuser, Wyndmere; Rachael Disrud, Fargo; Jay Doan, McKenzie; Daniel Folske, Bowbells; Jessica Haak, Jamestown; Andrew Holle, Mandan; Breanne Ilse, Carrington; Cassidy Kersten, Minot; Anthony Larson, Hettinger; Daryl Lies, Douglas; Gerri Makay, New Rockford; Stephanie Mayfield, Valley City; Cory McCaskey, Beach; Cindy McDonald, West Fargo; Thomas Metz, Northwood; Jolene Obrigewitch, Beach; Benjamin Paulson, Killdeer; John Schneider, Bismarck; Kurtis Shelton, East Grand Forks; and Aaron Tschosik, Ellendale.

"We are very excited to have 26 outstanding participants in RLND Class V," says Marie Hvidsten, Rural Leadership North Dakota program director. "This group of diverse participants will be bringing a wealth of experiences and opinions to the 10 seminars, providing for robust conversation and deep learning. This class will have a positive and long-lasting impact on the industries they represent, their communities and the state."

Seventy-two people from 48 communities in 32 counties have graduated from the program since it began in November 2003.

For more information, visit www.ag.ndsu.edu/rlnd.

German Russian audio tapes available through NDSU Archives



Karen Matzke and Debby Tysdal, sisters of Allen Spiker, and Susanna Von Essen, Spiker's widow, with the Allen Spiker collection at the NDSU Institute for Regional Studies.

A treasure of the audio history of North Dakota Germans from Russia is now available to researchers and the public. The NDSU Institute for Regional Studies and University Archives, in conjunction with the Germans from Russia Heritage Collection, have placed portions of the "Allen Spiker German Russia Dialect Tapes" online.

The language of the German Russians of North Dakota is considered unique. The dialect first evolved in the foreign environment of the Russian colonies and, later, developed further in the United States.

Spiker, a descendant of German Russian immigrants, conducted dozens of interviews across North Dakota during the late 1970s and early 1980s as he researched materials for his master's degree thesis at the University of North Dakota. He typically asked questions of the oldest generation of German Russians who learned German as their first language and actively used the language in their communities and homes. His aim was to capture the rapidly disappearing dialect as part of his German linguist education.

The result was a collection of more than 80 reel-to-reel tapes, a portion of which have been digitized and made available at <http://library.ndsu.edu/digital/spiker>.

"He was fascinated by his own heritage and the heritage of North Dakota," said Susanna Von Essen, Spiker's widow. "This project was always something he talked about and, as far as his academic activity goes, it was truly his first love."

John Bye, NDSU archivist, said, "The collection documents a certain time period of German Russian immigrants. How did the German language get preserved from Germany to Russia and, then, to America? That's important from a linguistic standpoint, but the tapes also have people's stories, poems and music. It's a very good sense of history."

According to Bye, Spiker's work is an important contribution to documenting the culture and heritage of the largest ethnic group in North Dakota.

"The collection is available to linguists, people interested in Germany and those individuals wanting to discover family history," Bye said. "Descendants may want to listen to the voices of their parents or grandparents, which they may not have heard before. I think there are a lot of different uses here, and we realized we needed to make it available using online technology. Work will continue to add additional interviews. A link to the complete list of individuals interviewed is available online."

NDSU veterinary technology staff wins awards

Staff members from the NDSU veterinary technology program won two prestigious national awards at the July meeting of the Association of Veterinary Technician Educators.

Teresa Sonsthagen, veterinary technologist, was selected for the Elsevier Award for Teaching Excellence. She was recognized for her "above and beyond" approach to educating veterinary technicians. In her nomination letter, co-worker Stacey Ostby wrote, "Teresa is a true veterinary technologist. It is hard to put into words the many achievements she has accomplished and the amount of energy she has put into this career."

The NDSU veterinary technology program also received the Iams-Eukanuba Award for Excellence in Team Teaching. The award recognizes educators who have demonstrated exceptional strength in working collaboratively to generate creative learning opportunities for their students. Team members recognized with the award include Kari Bolgrean, Eloyes Hill, Stacey Ostby, Sonsthagen, Charlie Stoltenow and Sarah Wagner.

Project aims to increase food infrastructure development

NDSU, along with other partners, is beginning a two-year project aimed at increasing the capacity of rural communities to bolster their local foods infrastructure.

The project is funded by a U.S. Department of Agriculture Sustainable Agriculture Research Education grant.

"We will work with farmers, ranchers, food retailers and local community leaders in three rural communities at various stages of food system development in Minnesota, North Dakota and South Dakota," says Abby Gold, NDSU Extension Service nutrition and wellness specialist. "Each community will identify barriers to establishing and advancing local food systems and work with researchers to develop tool kits that will provide resources to overcome those barriers."

The site for the project in North Dakota is being finalized and will be announced soon.

"The ultimate intent of this project is to enhance the environment of rural communities, improve farmer livelihood, increase the health and well-being of farmers and residents of rural communities, and to contribute to rural economic health through the support of diverse agricultural enterprises," Gold says.

Other partners on the project are the University of Minnesota's Regional Sustainable Development Partnerships, Buy Fresh Buy Local South Dakota and the Foundation for Agriculture and Rural Resources Management and Sustainability.

Northern Crops Institute hosts Asian food processors

Twelve food processors and food brokers from Indonesia, Malaysia, Philippines and Thailand were at Northern Crops Institute during July to learn about the uses of dry edible beans in food products. The course focused on U.S. pinto, navy, black, great northern and kidney beans.

The U.S. is the fifth largest producer of dry edible beans worldwide. North Dakota and Minnesota produce nearly 50 percent of the dry edible beans grown in the U.S.

Lectures were supplemented by hands-on experiences in the institute's analytical, milling, baking, pasta and extrusion processing laboratories. The participants also toured a Walmart store, NDSU Greenhouses and NDSU edible bean breeding field plots, SK Food Specialty Processing facility in Moorhead, Minn., and their corporate offices in Fargo. The group also met with staff from the North Dakota Trade Office, Fargo.

Speakers and technicians for the course included Natsuki Fujiwara, Northern Crops Institute food technologist; Clifford Hall, NDSU cereal and food sciences department; Thunyporn Jeradechachai, Northern Crops Institute crop quality specialist; Phil McClean, NDSU plant sciences department; Rilie Morgan, Northern Crops Institute processing specialist; Frayne Olson, NDSU Extension Service; Juan Osorno, NDSU plant sciences department; and Mehmet Tulbek, Northern Crops Institute technical director. The course was co-sponsored by the U.S. Dry Bean Council.

Safety training sessions scheduled

Baseline Safety Training is mandatory for all NDSU faculty, staff and student employees. Supervisors must take both Supervisor Safety Training and Baseline Safety Training. Both courses must be completed on an annual basis.

Individuals who cannot attend any of the classes should complete the course online and submit the short quiz to the Safety Office as proof of compliance. Following is the new URL for the safety training courses: www.ndsu.edu/police_safety/training.

Mandatory Baseline and Supervisor Safety Training schedule:

Baseline Safety Training (FLC Room of Nations):

Sept. 20 at 3 p.m. and Sept. 21 at 9 a.m.

Oct. 25 at 3 p.m. and Oct. 26 at 9 a.m.

Nov. 22 at 3 p.m. and Nov. 23 at 9 a.m.

Dec. 20 at 3 p.m. and Dec. 21 at 9 a.m.

Supervisor Safety Training (Memorial Union, Arikara room):

Sept. 19 at 3 p.m.

Oct. 24 at 3 p.m.

Nov. 21 at 3 p.m.

Dec. 19 at 3 p.m.

For more information or to schedule training for a department, contact Jennifer Baker at 1-6740 or jennifer.baker@ndsu.edu.

Blackboard, Wimba training sessions offered

NDSU Information Technology Services has scheduled several Blackboard and Wimba training sessions during August to help faculty and staff prepare for fall semester.

Classes offered on Blackboard 9.1 include "New Features," "Getting Started," "Adding Content to Your Courses," "Using the Grade Center" and "Tests and Surveys." Additional classes include "Blackboard Mobile Learn" and "Wimba: Introduction."

Classes will begin Aug. 16 and end Sept. 1. All sessions will be repeated at different times on different days to accommodate a variety of schedules. All sessions will be held in the ITS Training Room in 246 IACC.

For class descriptions, schedule and to register, visit www.ndsu.edu/its/training_resources/facultystaff_training.

All classes are free, but preregistration is required. Space is limited, so register early to guarantee a spot during a desired time. When registering, remember to click the "register" button on the bottom of the registration form. If a correct and complete email address is provided, registrants should receive an automatic email confirmation within one hour of registering. If a notice is not received, contact Lorna Olsen at 1-6328.

Cancellations must be made 48 hours prior to the start of the registered session. An individual's department will be assessed a \$25 fee for late cancellations or no shows. Call 1-6328 or 1-6245 to cancel for any reason.

Radiation safety course scheduled

A "Laboratory Use of Radioactive Material" short course has been scheduled for Wednesday, Sept. 7, from 9 a.m. to 2 p.m., in the Memorial Union, Prairie room.

The course is designed for requested new or potential users of radioactive materials in the laboratory. It also serves as a refresher course for individuals currently using radioactive materials. Successful completion of the course is required to use radioactive materials on campus, which will be verified by a passing test score.

Topics include basic theory of radioactivity, biological interactions with radiation, radiation protection, minimizing exposure level, rules and regulations, and safe handling, decontamination and lab procedures. The instructor is Mike Borr, radiation safety officer.

Participants should bring a scientific calculator.

To register for the radiation safety short course, contact Stephanie Wegner at stephanie.wegner@ndsu.edu or call 1-7759.

NDSU football to be aired on TV a record 10 times

NDSU football will be on TV a school record 10 times this season, including all five road games. Jeremy Jorgenson, NDSU director of athletic broadcasting/sales, made the announcement Aug. 1.

The broadcast schedule (home games in capital letters) is:

Sept. 10 SAINT FRANCIS, PA. (North Dakota NBC Network)

Sept. 24 at Minnesota (Big Ten Network)

Oct. 1 ILLINOIS STATE (North Dakota NBC Network)

Oct. 8 at Southern Illinois (ESPN3)

Oct. 15 MISSOURI STATE (Midco Sports Network)

Oct. 22 at South Dakota State (Midco Sports Network)

Oct. 29 NORTHERN IOWA (KXJB/CBS-Fargo – Fox College Sports Central)

Nov. 5 at Indiana State (ESPN3)

Nov. 12 YOUNGSTOWN STATE (North Dakota NBC Network)

Nov. 19 at Western Illinois (KXJB/CBS-Fargo)

KXJB-TV (CBS-Fargo) and the statewide NBC network will again provide live coverage of the Craig Bohl Football show at 10:30 a.m. on Sundays. Jorgenson will host this year's show that also will re-air Sunday nights on KVLV-TV (NBC-Fargo) and throughout the week on Midco Sports Network. Bison Hall of Famer and former NFL star Phil Hansen will be the color analyst on the radio broadcasts.

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

NDSU student participates in first-ever Refugee Congress

Amar Hussein, an NDSU architecture student, was selected as one of some 50 refugees across the United States to share his story at the first-ever Refugee Congress in Washington, D.C., Aug. 3-4.

The goal of the congress, organized by the office of the United Nations High Commissioner for Refugees, is to find out how resettling refugees could be easier, especially for individuals fleeing violence and injustice. A second goal is to sponsor the United States as a leader in refugee resettlement.

In 2005, Hussein worked for an American company in Iraq that was bombed. He suffered serious injuries and was hospitalized for more than a year. He later resettled in the United States with help from Lutheran Social Services. Hussein now works for Lutheran Social Services to help others adapt to life in America.

Other individuals who took part in the congress included a Holocaust survivor, a Rwandan genocide survivor and a former Burmese soldier who was imprisoned for 15 years for advocating democratic change.

Graduate student receives Young Investigator Award

Mechanical engineering graduate student Brad Traeger received the Toshiba Young Investigator Award for his presentation at the Annual Scientific Meeting of Society of Cardiovascular Computed Tomography held in Denver July 14-17. The award supports professional and clinical development of students within five years of completing a training program.

Traeger presented "Characterization of Anatomic Versus Effective Orifice Areas and Pressure Recovery of Native Aortic Valve Stenosis Using Computational Fluid Dynamics and Computed Tomography Derived In Vivo Aortic Valve-Root Geometry." He worked on the research with Sanjay Srivatsa (MD), Yildirim B. Suzen and Yechun Wang.

Two students were awarded out of five finalists selected from worldwide contestants for the Young Investigator Award. Each submitted a mini-manuscript of 1,000 words, concerning research related to the technical and clinical advancement of cardiovascular computed tomography, and presented at the annual meeting.

As a winner, Traeger's manuscript will be eligible for priority peer-reviewed publication in the prestigious Journal of Cardiovascular Computed Tomography.

"Brad's work quantitatively reveals inaccuracies of Gorlin formula used in aortic stenosis diagnosis for decades. His work points out the need to recalibrate existing diagnostic foundations using modern medical resources, such as Magnetic Resonance Imaging and Computed Tomography, together with Computational Fluid Dynamics simulations. This work is a great example on how engineering approaches, like Computational Fluid Dynamics, contribute in biomedical development. To my knowledge, this is the first time that an NDSU student has won the prestigious Young Investigator Award," said Yechun Wang, assistant professor of mechanical engineering and Traeger's adviser. "This is a result of close collaborations between NDSU researchers and clinical physicians, as well as the development of biomedical engineering at NDSU."

Society of Cardiovascular Computed Tomography is a professional society devoted exclusively to cardiovascular computed tomography. With a worldwide membership of approximately 3,500, it represents and advocates for research, education and clinical excellence in the use of cardiovascular computed tomography.

NDSU graduate embarks on bike fundraiser

NDSU music education alumnus Nathan Berg, and his two brothers, Isaiah and David, started their 20,000-mile bicycle adventure from Alaska to Argentina on Aug. 7 to raise \$60,000 for Lake Agassiz Habitat for Humanity. The brothers are traveling along the Pan-American Highway and plan to finish in May 2012.

The brothers are on a "fully self-supported bike expedition," which means they use just their bikes, supplies and camping equipment.

For pictures, videos and stories about the brothers' experiences, visit www.boundsouth.org.

Architecture students to display design at Minnesota State Fair



Students install verticals for shading structure.

Fourteen architecture and landscape architecture students will have a big audience for their first ever design build project this month – approximately 300,000 Minnesota State Fairgoers.

The students have designed and are constructing a four-person, energy efficient cabin as an exhibit for the Eco-Experience section of the fair. The goal is to educate fairgoers about state-of-the-art concepts in energy efficiency in the built environment.

The cabin, also called the Passive House cabin, is suited to a Northern Minnesota climate and can be heated by the energy equivalent of nine light bulbs. It makes use of many “free” passive heat sources such as heat generated by its occupants, waste heat from appliances, passive heat from the earth and heat from the sun.

“Our goal was to research, analyze, design and build a beautiful, low-energy structure that meets the Passive House performance criteria, on a mid-market construction budget,” said Malini Srivastava, adjunct architecture instructor who leads the Design Build Studio. “This design also takes into consideration carbon implications and resource use analysis, as a step toward achieving a sustainable, efficient and affordable goal.”

While the project is an educational exhibit for fairgoers, it also has provided an invaluable long-term, hands-on learning experience for the students. “The students have demonstrated immense creativity and spirit of innovation under very restrictive budget and strict performance goals,” Srivastava said.

It also has allowed students to develop strengths in various roles such as project manager, architect, fundraiser, accountant, interior designer, drafter, contractor, builder, web designer and graphics designer.

The Design Build Studio’s cabin is the first Passive House to be built and demonstrated at the fair, according to Srivastava. This also is the first time that the Minnesota Pollution Control Agency has invited a student group to participate in the Eco-Experience, a major annual event concerning energy education.

After the fair, the structure will either be moved to a permanent location or dismantled and repurposed for other uses.

Visit <http://ndsudesignbuild.com> to see the ongoing progress on the house. Contact malini.srivastava@ndsu.edu for more information.

The Minnesota State Fair is scheduled Aug. 25-Sept. 5.

Students participate in medical mission trip to Guatemala



Altstadt and Wolf stand behind pharmacy supplies in a temporary clinic in a Guatemalan village.

Pharmacy students Amber Altstadt and Jordan Wolf spent 10 days in Guatemala this summer as part of medical mission team.

The team, including two physicians, three medical students, a nurse and dental assistants, treated 2,631 patients between the villages of Quetzaltenango (commonly known as Xela), San Vicente Pacaya, San Rafael Pacaya, Magnolia and Chuatuj. From June 27 to July 2, they provided 38 referrals for more serious conditions, extracted 219 teeth, restored 45 teeth and provided 1,139 fluoride treatments to children.

The team set up makeshift clinics in churches and schools. Common conditions they saw ranged from malnutrition and anemia, headaches and musculoskeletal pain, gastrointestinal upset and heartburn, to hypertension, hyperlipidemia and diabetes, and acute infection and injury.

In all, Altstadt, Wolf and pharmacy faculty member Amy Werremeyer, who accompanied them on the trip, filled 1,625 prescriptions. They also evaluated prescriptions (ensuring accurate dosing and appropriate use), counseled patients and administered injections.

Altstadt and Wolf say the experience was an invaluable opportunity to apply the skills they have gained during the past five years in a diverse setting. They brought home many life lessons, like learning how to overcome language and cultural barriers, dealing with limited resources, working as a member of a collaborative healthcare team and recognizing their personal strengths and weaknesses.

They encourage support from the community and encourage all departments across campus to do something similar within their specific disciplines.

“It has motivated us to become better clinicians and to learn more this year. We understand that we aren’t ready to be the type of provider that the community needs ... we have something to work toward, to become better for a purpose greater than ourselves,” Wolf said.

Design students explore 'Urbanism in South America'



NDSU students and faculty in Brasilia, meet with the president of the Institute of Architects of Brazil.

Studying how green mountains and blue scalloped bays form the city of Rio de Janeiro, experiencing the estate grounds and works of landscape architect Roberto Burle Marx, walking around and through the museums of renowned modernist architect Oscar Niemeyer – these are just a few of the rich experiences architecture and landscape students enjoyed during a 16-day course in Brazil and Argentina in May.

Eight students signed up for the inaugural offering of the class, "Cities of Brazil: Urbanism in South America," co-taught by architecture and landscape architecture assistant professor David Crutchfield and associate professor Ron Ramsay. The students' mission – to learn about the unique architecture, landscape architecture, geography, culture, transportation and climate that define the urban fabric of Rio de Janeiro, Brasilia, Curitiba and Buenos Aires.

Crutchfield said the trip emphasized the comparative similarities and differences between the cities of North and South America. "It was also important that the students come away with an enhanced cosmopolitan sensibility, a feeling that there is a bigger world out there, beyond the United States, and that they (and their designs) have a role to play in it," he said.

Crutchfield hopes the course expanded the students' understanding of human need and experience. "As designers, we are increasingly asked to develop or manage projects that may be on the other side of the planet," he said. "We are also often competing for these projects with other designers from around the world. In order to succeed in such a globalized and competitive marketplace, it is all the more important for our students to be exposed to the larger perspective that only travel can provide."

Throughout the trip, students carefully and creatively documented their experiences in the form of interpretive photographs, sketches and writings to convey and summarize the distinctive urban characteristics of each city. Select examples will be on display in the Renaissance Hall corridor gallery from Aug. 15 to Sept. 15.

NDSU Panhellenic Council receives national awards

The NDSU Panhellenic Council received two 2009-2011 awards from the National Panhellenic Conference: the Overall Excellence Award and the Leadership Award. Both awards are for campuses with two to five chapters. The awards are based on two years of achievements in areas such as recruitment, judicial procedures, programming and effective committee structure.

The awards will be presented Oct. 15 at the National Panhellenic Conference annual meeting in Austin, Texas.

"This is a huge honor and the women are very deserving of this award," said Courtney Barstad, coordinator of Greek life at NDSU. "They have worked very hard to promote and program as a Panhellenic Council and are constantly looking for new ways to promote our sorority community."

The NDSU Panhellenic Council, the governing body for the NDSU Greek women, is comprised of delegates from all three sororities represented at NDSU. The council, promoting cooperation and understanding, provides unity among the chapters. It sponsors scholarships and coordinates publicity for Greek life at NDSU. The NDSU Panhellenic Council also sponsors recruitment, all-sorority meal and Greek Week games and events.

More information about Greek life at NDSU is available at www.ndsu.edu/mu/programs/greek_life.

Student athletes named to all-academic team

Eleven members of NDSU's track and field team were named to the 2011 United States Track and Field and Cross Country Coaches Association All-Academic team. Seniors Brittany Schanandore, Christine Schmaltz, Whitney Carlson, Logan Hollenkamp and Ted Rud; juniors Leslie Brost, Travis Fitzke, Brittany Page, and sophomores Matt Tetzlaff, Jesse Morrow and Casey Orgon earned the honor.

To qualify for the team, the student-athlete must have compiled a cumulative grade point average of 3.25 and have met either of the following athletic standards: For the indoor season, a student-athlete must have finished the regular season ranked in the national top 96 in any individual event or ranked in the national top 48 in a relay event on the official NCAA proof of performance list provided by TFRRS.org; for the outdoor season, a student-athlete must have participated in any round of the NCAA Division I Championships (including preliminary rounds).

Marathon Foundation recognizes Upward Bound students



Upward Bound students receive \$1,000 for helping during the marathon.

NDSU Upward Bound students received a bronze and ceramic plaque, along with a \$1,000 check, in appreciation for their contributions to the 2011 Scheels Fargo Marathon.

Mark Knutson, director of the marathon, awarded the check and plaque, on behalf of the Marathon Foundation to the group of 28 students who participated in traffic control for the full, half and 10k marathon events. The Upward Bound Program has maintained a six-year part-

nership with the Marathon providing traffic control. The plaque, created by Bachmeier Pottery and Sculpture of Fargo, is the same award distributed to winners of various races.

Upward Bound is a federally funded program designed to help students succeed in high school and prepare for continued success in college. It provides students, free of charge, academic, cultural and social activities designed to build skills, motivation and self-confidence. To be eligible for the program, a student's family income must be at or below federally determined guidelines, both of the student's parents must not have earned a four-year degree or the student has a diagnosed disability. Students must be between ages 13 and 19 and must have graduated from eighth grade and not have begun 12th grade.

Student athlete recognized by The Summit League

NDSU track and field athlete Whitney Carlson was selected as The Summit League's honoree for the National Collegiate Athletic Association Woman of the Year award. She is one of 142 conference winners.

Carlson finished her Bison career as a five-time All-American and won 17 Summit League titles. She also was a two-time College Sports Information Directors of America Academic All-America first team honoree and graduated with a 4.0 grade point average. The Buchanan, N.D., native will attend dental school at the University of Nebraska.

The Woman of the Year Award, now in its 21st year, honors female student-athletes who have distinguished themselves throughout their collegiate careers in academic achievement, athletic excellence, community service and leadership.

The 2011 NCAA Woman of the Year will be announced in Indianapolis on Sunday, Oct. 16.

RESEARCH

Research ties diet during pregnancy to breast cancer risk in offspring



Park

NDSU animal sciences professor Chung S. Park is among the researchers who presented at the Era of Hope scientific conference in Orlando, Fla., Aug. 2-5, hosted by the Department of Defense Breast Cancer Research Program. Research by Park suggests that a pregnant mother's diet containing certain nutrients can potentially reduce the risk of breast cancer in her female offspring.

In his research titled "In Utero Exposure to Dietary Methyl Nutrients and Breast Cancer Risk in Offspring," Park studied 45 rats that were randomized into two groups. One group served as a control, while the other was fed a methyl-supplemented diet. The pups that were born were separated into groups based on the mother's feeding regime. Females then received a chemical to induce breast cancer and were followed for tumor development. Study results showed offspring whose mothers received a methyl-supplemented diet had decreased tumor incidence and growth than the control group. They also had fewer tumors and fewer tumors that multiplied.

According to Park, augmenting the mother's diet with lipotropic nutrients (methionine, choline, folate and vitamin B12) may boost methyl metabolism. This, in turn, may stimulate full development of the mammary gland to induce an epigenetic imprint in the mammary gland of the fetus, decreasing its breast cancer risk.

"The conclusions of this study suggest we may be able to prevent the development of breast cancer in daughters of women at risk for breast cancer by supplementing the mother's diet during pregnancy," said Park. "We look forward to exploring this study further to strengthen the implications of these initial findings."

Park's research interests include the nutritional regulation of animal growth, mammary development, lactation and mammary tumorigenesis. He earned his doctoral degree in nutritional physiology from Virginia Polytechnic and State University, a master's degree in ruminant nutrition from the University of Georgia and a bachelor's degree in animal science from Seoul National University, Korea.

The Era of Hope is one of the premier breast cancer research conferences. It joins scientists, clinicians and breast cancer advocates committed to advancing research on the prevention, detection, diagnosis and treatment of breast cancer. The conference features prominent scientists and clinicians with presentations of recent remarkable advances in breast cancer research funded by the Department of Defense Breast Cancer Research Program.

More information is available at <https://cdmrpcures.org/ocs/index.php/eoh/eoh2011>.

Assistant professor awarded National Science Foundation grant



Ababei

Cristinel Ababei, assistant professor of electrical and computer engineering, was recently awarded a research grant by the National Science Foundation.

The three-year, \$229,193 grant will help fund graduate and undergraduate students to conduct research on reliability oriented design methodologies for network-on-chip based multiprocessor systems-on-chip. As part of the educational plan of the proposal, a summer camp for sixth through eighth grade girls will be organized to encourage women in electrical engineering.

Additional information about the award is available at www.nsf.gov/awardsearch/showAward.do?AwardNumber=1116022.

Visit <http://venus.ece.ndsu.nodak.edu/~cris> for more information about Ababei's research.

PEOPLE

Nursing department chair named



Gross

Carla Gross, associate professor of nursing, has been appointed the permanent chair of the Department of Nursing. Gross earned her bachelor's degree in nursing from the University of North Dakota and master's degree in nursing in adult health and teaching from the University of Kentucky. She is completing a doctorate in education at NDSU.

Gross' professional experiences include being a charge nurse in the Coronary Care Unit at St. Joseph's Hospital in Lexington, Ky.; charge nurse in Medical-Surgical and Cardiovascular Intensive Care Units at Central Baptist Hospital in Lexington; and staff nurse in Medical-Surgical and Neuro-Surgical Intensive Care Units at MeritCare Medical Center in Fargo. She has been a faculty member in the nursing program since its inception in 1987 when it was part of the NDSU/Concordia College Tri-College Nursing Consortium. Gross was NDSU program coordinator of the nursing department from 1997-2002, and was interim chair of the program in 1998. In May, Gross received the College of Pharmacy, Nursing, and Allied Sciences' prestigious Mary Berg Award for Excellence in Teaching.

"Carla brings an excellent balance of administrative skills and clinical experience to this position that I believe will serve the department and its students very well," said Charles Peterson, dean of the College of Pharmacy, Nursing, and Allied Sciences. "She is very knowledgeable about our nursing program having been with the program from its inception. She is highly committed to the program and our students and she is highly regarded by faculty and the nursing profession in North Dakota."

Professor receives teaching award and prepares to deploy



Wachenheim

Cheryl J. Wachenheim, professor of agribusiness and applied economics, received a Teacher Fellow Award at the National Association of College and Teachers of Agriculture conference June 14-17 at the University of Alberta, Edmonton, Canada.

The application submitted for consideration for this award included Wachenheim's availability to students; use of current, innovative and effective teaching methods; scholarly activities related to teaching, outreach and engagement; and ability to attract and motivate students.

Members of the association must have been on a full-time appointment involving at least 25 percent teaching for a minimum of five of the past seven years.

Wachenheim will deploy with the 135th Agribusiness Development Team of the Minnesota Army National Guard in October. She will be stationed at Forward Operating Base Apache, which is in the Zabul Province of Afghanistan.

Wachenheim's mission is to work with people involved in Afghan agriculture. There are currently a handful of teams in Afghanistan.

Several NDSU faculty and staff members are key partners for Wachenheim's group training and reach-back.

Associate professor honored at asthma meeting



Brown

Wendy Brown, associate professor of pharmacy practice, received the Outstanding Member Award by the Association of Asthma Educators at the association's annual meeting July 23 in Denver.

The 700-member interdisciplinary association is devoted to raising the quality of education for patients and families living with asthma. Brown was honored for furthering the mission of the association through her service on the board of directors and coordinator of live education programs. Brown also is a frequent national speaker on asthma programs.

EVENTS

NDSU Fan Day scheduled Aug. 16

NDSU Fan Day is scheduled for Tuesday, Aug. 16, from 6:30 p.m. to 8:30 p.m. on the turf in the Fargodome. Fans can meet and greet Bison football, volleyball and soccer players, as well as coaches. There will be inflatable games and free NDSU posters, prizes and schedule cards. The event is free and open to the public.

More details on Fan Day will be available closer to the event. Contact the NDSU athletics marketing office at 1-9473 for more information.

First annual Staff Senate Ice Cream Social scheduled

Staff Senate will hold its first annual Ice Cream Social as a staff appreciation event on Thursday, Aug. 18, at 2 p.m. in Thundar's Den in the lower level of the Memorial Union.

In a recent poll, 42.3 percent of Staff Senate members said they would like to be acknowledged through a staff appreciation event. "Staff Senate feels strongly that we show our fellow staff members they are appreciated. We all work hard and deserve something sweet," said Laura Dallmann, Staff Senate president.

Ice cream and toppings will be served until the ice cream runs out.

Alumnus to present on risk management

NDSU students, faculty and staff are invited to an agribusiness and applied economics seminar titled "Comprehensive Enterprise Risk Management," presented by Blue Flint Ethanol commodity risk manager David Spickler on Friday, Sept. 2, at 10 a.m. in Richard H. Barry Hall room 600.

Spickler developed a proprietary trading program that has garnered national attention and recently was presented at the national Fuel Ethanol Workshop in Indianapolis.

Blue Flint Ethanol is a joint venture between Great River Energy and Headwaters Inc. In what could become a model for coal and nuclear-fueled power plants or other industrial facilities producing large amounts of steam, Headwaters Inc. and Great River Energy opened the first co-located, directly integrated ethanol plant in the world. Production at the facility began in February 2007.

The Blue Flint Ethanol Plant is located adjacent to Coal Creek Station, a Great River Energy coal-fueled power plant near Underwood, N.D. With no boiler in Blue Flint's 20-acre plant, the new ethanol production facility uses what is primarily waste heat from steam generated at Coal Creek Station to process 18 million bushels of corn into 50 million gallons of ethanol per year.

Spickler earned his bachelor's degree in animal and range sciences from NDSU in 2004.

Family Weekend scheduled

Family Weekend at NDSU is scheduled for Sept. 9-11. Family Weekend is a chance for families of current students to visit campus and spend time with their students while experiencing art, academics and athletics at NDSU.

More than 500 family members typically participate in the annual event. Families can attend such activities as Bison athletic games, welcome and check-in at the president's home and downtown campus tour. Additional events also are planned. For a detailed schedule, call Nancy Mueller with the Office of Orientation and Student Success at 1-8379. For more information, to register and view the Family Weekend brochure, visit www.ndsu.edu/studentssuccess/family_weekend.

Promotion to professor lunches scheduled for academic year

A series of lunches featuring panel discussions on promotion to full professor has been scheduled by the Promotion to Professor Taskforce for the coming academic year. The first Promotion to Professor Lunch will be Tuesday, Sept. 20. At the event, Distinguished Professors will discuss life after promotion and strategies they use in their efforts to achieve work/life balance.

Another panel discussion is scheduled for Tuesday, Oct. 25, and will feature department heads discussing the promotion process and how associate professors might determine when they are ready to apply. A third session on Nov. 22 will be a working meeting on work/life balance with invited participants to facilitate table discussions.

Two sessions are scheduled for the spring semester. Promotion, tenure and evaluation committee members will discuss the process and provide tips for preparing an application for promotion on Tuesday, Feb. 28. Newly promoted professors will discuss their experiences in the promotion process on Tuesday, May 1.

In addition to the panel discussions, Ineke Justitz, associate professor of history, is leading the development of a workshop on promotion and tenure that will be piloted in early spring 2012. Details about these events addressing promotion to full professor will be announced prior to each event on the FORWARD website and in It's Happening.

The Promotion to Professor Taskforce was created as part of Advance FORWARD's mid-career mentoring program and the PROMOTE program which is funded by a National Science Foundation ADVANCE PAID grant. The goal of the task force is to help more associate professors successfully apply for and receive promotion to professor. Task force members include chair Virginia Clark Johnson, dean of human development and education; Canan Bilen-Green, engineering and architecture; Margaret Fitzgerald, human development and education; Ineke Justitz, arts, humanities and social sciences; Dinesh Katti, engineering and architecture; Terry Knoepfle, business; Larry Reynolds, agriculture, food systems and natural resources; Mark Sheridan, science and math; Charlene Wolf-Hall, agriculture, food systems, and natural resources; and Mary Wright, pharmacy, nursing, and allied sciences.

FORWARD announces events

The FORWARD project will begin its fourth year of programming with a kick-off event on Thursday, Sept. 1, at 2 p.m. at President Dean L. Bresciani's house. The kick-off event will include the presentation of this year's Advance FORWARD Award (formerly the Gender Equity Award) to the Department of Veterinary and Microbiological Sciences. The Advance FORWARD Award is given annually by the Commission on the Status of Women Faculty to an academic department whose record reflects outstanding effort to support and advance gender equity in one or more of the five areas/goals established in the National Science Foundation Advance Grant.

Registration for this kick-off event is requested and may be completed at www.ndsu.edu/forward. Additional FORWARD events in September include sponsoring a Women in Research networking event on Monday, Sept. 12; a visit by the project's five-member external advisory board on Thursday and Friday, Sept. 15-16, and the first promotion to professor panel discussion and luncheon on Tuesday, Sept. 20, featuring five University Distinguished Professors.

October's events include an information session on the various FORWARD funding initiatives such as course releases and travel mentoring grants, as well as others to be held on Oct. 5. The project will host a third-year site review on Oct. 18-19 (rescheduled after earlier cancellation due to a winter storm). Search committee member training is planned for October (specific dates to be announced). The FORWARD Advocates group also will offer Ally training during the fall semester.

Details about dates, times and registration for these events in September and October, as well as other FORWARD events throughout the year, will be announced in future issues of *It's Happening at State* and on the FORWARD website.

Extension Service to co-host soil compaction demonstrations

NDSU Extension Service and University of Minnesota Extension are sponsoring soil compaction field demonstrations near Fergus Falls, Minn., on Sept. 1.

The Tires, Traction and Compaction Field Day will focus on the causes and effects of compaction in farm fields. Soil and cropping experts will use four soil pits to demonstrate management techniques that can minimize soil compaction.

Registration for the field day will start at 9 a.m. Education demonstrations and presentations will begin at 9:30 a.m. and continue until 2:30 p.m.

There is no charge to attend the demonstrations. However, viewing space around the field demonstration pits may be limited. Preregistration is recommended so the field layout can be adjusted to accommodate participants. To preregister, call (888) 241-3261 or email foxxx055@umn.edu. For more information, contact John Nowatzki, NDSU Extension agricultural machine systems specialist, at john.nowatzki@ndsu.edu or (701) 261-9842 or Jodi DeJong-Hughes at dejon003@umn.edu or (320) 815-4112.

PUBLICATIONS/PRESENTATIONS

Faculty article analyzing farm size and strength to be published



Hadrich

Joleen Hadrich and Frayne Olson, assistant professors of agribusiness and applied economics, co-wrote the paper, "Joint Measurement of Farm Size and Farm Performance: A Confirmatory Factor Analysis." It will be published in *Agricultural Finance Review*, an agricultural economics journal that highlights research, Extension and teaching issues in agricultural finance.



Olson

The authors used a confirmatory factor analysis model to test the relative strength of alternative farm size and performance measures and estimated the relationship between farm size and performance latent variables. The study also investigated how the relationship between farm size and farm performance changed during a 10-year time frame. Results demonstrated a significant relationship between farm size and farm performance, but the relationship has weakened over time.

The article is available at www.emeraldinsight.com.

Student Support Services instructor to present

Ray Smith, Student Support Services science and math instructor, has been selected to present at the 35th annual ASPIRE Conference in Salt Lake City, Oct. 8-12.

Smith will present on his Math Study Strategies Course (EDUC 291), which helps Student Support Services students develop the skills necessary for success in math. Course topics include learning styles, attitudes, reducing math and test anxiety, memory, reading math, note taking, test taking and motivation. Students enrolled in the course must be in a math course and actively working with a Student Support Services tutor.

"Most of the tutoring that we do in Student Support Services is math. Research indicates that if students can pass their required math classes, they can go on to earn their degrees. It only seems logical that we offer a class to show students how to study math more effectively," Smith said.

The mission of TRIO ASPIRE is to increase the educational and success opportunities for low-income and first-generation college students through advocacy, professional development and legislative awareness. ASPIRE is a professional organization serving 500 staff members in 127 TRIO projects located in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Pharmacy practice faculty present at national meeting

Several members of the pharmacy practice department attended and held prominent roles at the 2011 annual meeting of the American Association of Colleges of Pharmacy in San Antonio, July 10-13.

Jeanne Frenzel, associate professor, was installed as chair of the special interest group on laboratory instruction, and Christian Albano, assistant professor, was installed as chair of the Public Health Special Interest Group. Both Frenzel and Albano, as well as several additional faculty, presented at the meeting.

Albano organized and chaired an educational session on "Curriculum and Educational Resources for Teaching Public Health." Frenzel was first author and presenter of the poster, "Team Based Learning to Assess Practical Pharmacy Competencies." Heidi Eukel, assistant professor, was first author and presenter of the poster, "Amazing Self-Care Race." Elizabeth Skoy, assistant professor, was first author and presenter of the poster, "Medication Error Reporting Form to Document Adverse Events in a Practical Pharmacy Skills Laboratory." In addition, Frenzel presented "Innovations in the Pharmacy Skills Laboratory" at a special session sponsored by the Lab Special Interest Group with Eukel and Skoy. Eukel also presented and led a roundtable discussion on "The Use of Video to Teach Important Self-Care Topics" during a special session sponsored by the Self-Care Special Interest Group, and Skoy led a roundtable discussion on "Student Remediation" during the business meeting of the Lab Special Interest Group.

Amy Werremeyer, assistant professor, and Skoy also presented the poster, "Photovoice to Characterize Learning During an International Medical Mission-based Advanced Pharmacy Practice Experience."

Agribusiness and applied economics faculty publish



Wilson

Several agribusiness and applied economics faculty have had papers accepted for publication or recognized for superior quality.

William Wilson, Distinguished Professor, had his paper, "Impacts of Congestion and Stochastic Variables on the Network for U.S. Container Imports," accepted for publication in the Journal of Transport Economics and Policy.



Gustafson

Cole Gustafson, professor and biofuels economist, and Thein Maung, research assistant professor, had their article, "The Economic Feasibility of Sugar Beet Biofuel Production in Central North Dakota," accepted for publication in Biomass and Bioenergy.



Miljkovic

Dragan Miljkovic, professor, had his article, "Offsetting Behavior and the Benefits of Food Safety Policies in Vegetable Preparation and Consumption," selected by the editorial board as the outstanding article published in year 2010 (volume 26) in Agribusiness: An International Journal.

Assistant professor to publish paper in Frontiers in Bioscience



Wu

Erxi Wu, assistant professor of pharmaceutical sciences, co-wrote the review article, "Hyperglycemia as a mechanism of pancreatic cancer metastasis," which has been accepted by Frontiers in Bioscience.

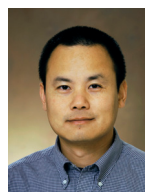
According to the authors, metastasis poses the largest problem in cancer treatment and is the main cause of death of cancer patients as a vital step in the progression of cancer. In pancreatic cancer, almost 80 percent of patients have locally deteriorated or metastatic disease and thus are not appropriate for resection at the time of diagnosis. Due to the high rate of incidence and mortality, it is crucial to study the molecular mechanisms of metastasis to clarify therapeutic targets to hinder the spread of cancer. Diabetes mellitus has long been considered a potential risk factor for pancreatic cancer.

"In this review article, we comprehensively describe the role of hyperglycemia in governing critical steps of the metastatic process. In particular, we focus on the hyperglycemia-dependent aspects of the epithelial-mesenchymal transition and vascular dysfunction. Also, we discuss how hyperglycemia-related production of reactive oxygen species may play an important role in these two processes. A deep understanding of metastasis mechanisms will identify novel targets for cancer therapeutic intervention," 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.

The journal Frontiers in Bioscience is a modern forum for scientific communication. Data and information that are useful to investigators in any discipline in biology and medicine including cell and molecular biology, biochemistry, immunology, biotechnology, microbiology, parasitology virology, and data that include movies, databases or bioinformatics will be published after peer review. The journal also publishes a variety of data useful to scientists and physicians. It received an impact factor 4.048 in 2010.

Business faculty publish papers



Li

Jin Li, assistant professor of marketing, and Chanchai Tangpong, associate professor of management, had two papers accepted for publication: "The Role of Agent Conscientiousness and Reciprocity Norm in Employee Layoff Decisions" in Management Research Review; and "Ethical Receptive Capacity and Teaching Business Ethics" in International Journal of Society Systems Science.



Tangpong

For information on Management Research Review, visit www.emeraldinsight.com/products/journals/journals.htm?id=mrr. For information on the International Journal of Society Systems Science, visit www.inderscience.com/browse/index.php?journalCODE=ijsss.

Faculty present at agricultural and applied economics meeting

Several agribusiness and applied economics faculty attended the Agricultural and Applied Economics Association annual meeting in Pittsburgh, July 24-26. The following presentations were given:

Cheryl J. Wachenheim, professor, presented "Influence of course delivery method and proctoring on performance in introductory economics," and two symposiums, "Managing academic dishonesty" and "Strategies for successful student recruitment in applied economics."

Won W. Koo, professor, and Oleksiy Tokovenko, assistant professor, presented "The Role of the Economy Structure in the U.S.-China Bilateral Trade Deficit" and "The Effects of Unilateral Reduction of Greenhouse Gas Emissions on the U.S. Agriculture."

Koo and Yong Jiang, research assistant professor, presented "Producer preference for land-based biological carbon sequestration in agriculture: an economic inquiry" and a poster presentation "Identifying the effect of weather variation on crop yield in the Northern Plains."

Joleen C. Hadrich, assistant professor, and Andrea VanWinkle, graduate assistant, presented "Human capital and its effect on the farm business life cycle" and "North Dakota beef cow producers: Identifying current management practices and factors that influence adoption rates of best management practices relating to surface water pollution."

Thomas I. Wahl, professor, organized the symposium, "Chinese urban food consumption" and presentations, "Food processing degrees: Evidence from Beijing household survey" and "Effects of consumer knowledge of safety – and quality-related certifications on food consumption." Wahl also presented "Consumer demand for beverages in Nanjing China" with graduate student Xia Shang and "Adolescent food consumption and nutrition in urban China" with graduate student Carl Anfinson.

Cole R. Gustafson, professor, and Thein A. Maung, research assistant professor, presented "Economics of sourcing cellulosic feedstock for energy production" and "The viability of harvesting corn cobs and stover for biofuel production in North Dakota."

Transportation analyst presents at international conference



Lee

EunSu Lee, a transportation analyst with the Upper Great Plains Transportation Institute, presented his research at the 2011 U.S.-Korea Conference Aug. 10-14, which was hosted by the Korean-American Scientists and Engineers Association and the Korean Foundation of Science and Technology Societies.

Lee traveled to Park City, Utah, to present his report, "Estimating Origin-Destination for Imported Containers through Intermodal Networks." His research investigates the trip generation and trip distribution of freight containers moving into the United States through the marine ports. The study optimized the origin-destination for the imported containerized freights in the United States.

A native of South Korea, Lee is an accomplished researcher and has presented at several conferences, including previous Korean-American Scientists and Engineers Association conferences.

Lee earned both his doctorate in transportation logistics and his master's degree in industrial management and engineering from NDSU in 2011 and 2006, respectively. Lee also earned his MBA in operations management from Hanyang University, South Korea, and a bachelor of engineering in information technology from Kwandong University, South Korea.

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.

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
Sept. 1

Software Engineer

CNSE
Commensurate w/experience
Open until filled

ND EPSCoR Tribal Colleges Liaison Manager/#00024933

ND EPSCoR
Commensurate w/experience
Open until filled

Technology Manager – CCAST HPC Systems

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

Food Technologist Specialist/#00019725

Plant Sciences
\$30,000+/year
Open until filled

Physician

Student Health Services
Commensurate w/experience
Open until filled

Nutritional Research Specialist/#00020244

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

Nutrition Laboratory Technician

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

SHORTS AND REMINDERS CONT.

Stewardship Forester/#00024749

ND Forest Service
\$30,763+/year
Aug. 26

Stewardship Specialist/#00018822

ND Forest Service
\$34,254+/year
Aug. 26

Agricultural and Biological Sciences Librarian/#00021069

Library
\$44,000+/year
Aug. 31

Information Specialist/#00020981

University Relations
Commensurate w/experience
Aug. 17

Research Analyst (50 percent time) Institutional Research and Analysis

\$19,000+/year
Aug. 31

Physical Sciences and Engineering Librarian/#00018838

Library
\$45,000
Sept. 16

Career Specialist/#00021374

Career Center
\$35,000+/year
Aug. 19

Bison Connection Associate/#00025608

Bison Connection
\$26,000+/year
Open until filled

Nutrition Education Assistant, FNP (Sioux County)

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

Nutrition Education Assistant, FNP (Fort Berthold)

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

Agricultural Research Technician/#00020059

NCREC
Commensurate w/experience
Open until filled

Administrative Secretary/#00020179

Institutional Research and Analysis
\$30,400+/year
Aug. 17

Serials and Documents Technician/#00023042

Library
\$23,000+/year
Aug. 23

Custodian (two positions)/#00018865, #00020762

Residence Life
\$19,760+/year
Open until filled

PM Lead Cook/#00021404

Dining Services
\$13.50+/year
Open until filled

Swing Cook/#00028288

Dining Services
\$12.50/hour
Open until filled

Food Service Worker (12 months, 8 a.m.-4:30 p.m.)

Dining Services
\$9+/hour
Aug. 15

Cook (Monday-Friday, 8 a.m.-4:30 p.m.; weekends as necessary)

Dining Services
\$12.50+/hour
Aug. 19

CALENDAR

AUGUST

15 NDSU Bookstore at Barry Hall reopening – Regular hours during the school year are Monday through Thursday, 8 a.m. to 6 p.m., and Friday 8 a.m. to 5 p.m.

16 NDSU Fan Day – 6:30 p.m. to 8:30 p.m., turf in the Fargodome.

18 First annual Ice Cream Social staff appreciation event – 2 p.m. until supplies run out, in Thundar's Den in lower level of the Memorial Union. Sponsored by NDSU Staff Senate.

20-21 Residence Hall Move-In Day – 8 a.m. to 6 p.m.

22 President's Welcome – 1 p.m., university gates (corner of University Drive and 12th Avenue North)

22 Classes start at 4 p.m.

27 Residence Life Carnival – 4:30 p.m. to 6:30 p.m., West Bison Court Parking Lot. Free event.

31 Campus Attraction event, airbrush artist demonstration – 11 a.m. to 3 p.m., Memorial Union east patio.

31 Team Makers Bison Open – Edgewood golf course with a 1 p.m. shotgun start. Contact Helena Johnston at 701-231-6172 or helena.johnston@ndsu.edu.

SEPTEMBER

1 FORWARD kick-off event – 2 p.m., President Dean L. Bresciani's house.

1 NDSU Extension Service event, "Tires, Traction and Compaction Field Day" – near Fergus Falls, Minn.

2 Agribusiness and applied economics speaker – "Comprehensive Enterprise Risk Management," David Spickler, commodity risk manager with Blue Flint Ethanol Plant of Underwood, N.D., 10 a.m., Richard H. Barry Hall room 600.

9-11 NDSU Family Weekend

12 Team Makers Golf Event – Fargo Country Club with a shotgun start at 12:30 p.m. Contact Helena Johnston at 1-6172 or helena.johnston@ndsu.edu.

15 Take Back the Night rally and march – NDSU campus. Details to come.

20 North Dakota movie premiere "Green Fire: Aldo Leopold and a Land Ethic for Our Time" – 7 p.m., Festival Concert Hall. No admission charge.

20 First Promotion to Professor Lunch.

23-24 Bison vs. Gophers events – Friday: Bison Party, 8 p.m. at the Depot. Saturday: Tailgate Party, noon at the Minnesota Fair Grounds; Kickoff, 6 p.m. TCF Bank Stadium. More info at www.ndsualumni.com.

29-Oct. 1 NDSU Homecoming – More details at www.ndsuhomecoming.com.

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

NEXT ISSUE Publication date: Wednesday, August 31 | Submissions due: August 26 at noon

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