

NDSU

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IT'S HAPPENING AT STATE

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President Bresciani outlines NDSU's 'future commitments'

NDSU President Dean L. Bresciani laid out a four-point list of future commitments for the institution during his annual State of the University Address Oct. 4.

"We contribute to North Dakota by being what the National Science Foundation has ranked as the most productive research institution in the state," Bresciani said. "But what we have already achieved and contributed to our state and nation, at record levels, is just the beginning of what we can do in the future."

As an example of NDSU's status, Bresciani said he recently attended a White House staff briefing limited to presidents of top tier institutions. "No North Dakota university has ever before sat at those tables, and we want to take the fullest possible advantage of our state being represented there now," he said.

Bresciani asked the campus to join him in four commitments:

- Solidify and advance NDSU's standing in the top 100 research universities in the nation,
- Better retain, graduate on time and place in jobs the best student class profiles in NDSU history at both the undergraduate and graduate levels,
- Increasingly draw new talent to North Dakota who will be a positive part of shaping North Dakota's future on a long-term basis, and
- Continue to be, and clearly demonstrate there is no greater single economic engine in the state than NDSU.

Bresciani said in coming weeks he will share evidence gathered by an external economic impact firm that will illustrate the massive influence the university and its students have on the economic well-being of the NDSU service area.

"These four commitments are the ways a truly student-focused, land-grant research university enriches its state," he said. "We excel, we nurture and we ignite positive change. We empower, we



President Dean L. Bresciani delivers his third State of the University address on Oct. 4 in Festival Concert Hall.

equip and we enrich those we serve. We improve what's possible for North Dakota while providing a demonstrable and exceptional economic return on the state investment that has been made in us."

Bresciani highlighted exciting new additions to campus, such as the Commodities Trading Room in Richard H. Barry Hall and the Gate City Bank auditorium.

In addition, he noted the recent establishment of NDSU's School of Music, now one of 49 in the nation accredited by the National Association of Schools of Music. Bresciani said serious discussions are under way for a new school bringing together various architecture and design programs, that potentially will be affiliated with the College of Arts, Humanities and Social Sciences. Also, he said NDSU will move forward on a model that co-mingles information technology, library programs, database resources and distance education.

He also said NDSU will offer a transportation logistics program in collaboration with Dickinson State University. "If successful, NDSU will use that as the start of an Engineering Extension Service to better support the civil and mechanical engineering needs of communities throughout North Dakota," Bresciani explained.

Continued...

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 Oct. 31 It's Happening at State

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

New issue of Tech Transfer Times available

The second volume of Tech Transfer Times is available at www.ndsu.edu/research/technology_transfer_office/tech_transfer_times.html.

In other major announcements, Bresciani said Phil Boudjouk, vice president for research, creative activities and technology transfer, plans to step down from his duties at the end of December. "Dr. Boudjouk is the senior academic leader most proximal to NDSU's stunning growth in research productivity during the past decade," Bresciani said. "Those contributions, as well as his work with our state's EPSCoR program and countless other university and statewide economic catalysts, is without parallel in North Dakota." The search process to fill Boudjouk's position will be chaired by Kalpana Katti, University Distinguished Professor of Civil Engineering.

Elias Elias, professor of plant sciences, was named NDSU's latest University Distinguished Professor, a recognition that had been "on hiatus" in recent years.

"University Distinguished Professor status recognizes an outstanding record of sustained, high-quality and appropriately balanced contributions to all three areas, equally, of research or creative activity, instruction and service," Bresciani said, noting a recipient must demonstrate character, integrity and impact beyond their department. "Please join me in recognizing the return of this very special honor through the naming of newest University Distinguished Professor – Dr. Elias Elias."

Bresciani closed his 40-minute address with this observation: "It's popular these days to talk of return on investment. I'd say transforming lives for the good of the state and nation is a pretty good payoff. The possibilities of the future, and the opportunity to realize that vision, are ours."

President Bresciani's presentation ended with the NDSU Concert Choir leading the audience in singing "The Yellow and the Green."

Microsoft recognized as an NDSU Campus Community Partner



President Dean L. Bresciani speaks to a crowd gathered for the flag-raising ceremony that recognized Microsoft as NDSU's second Campus Community Partner.

NDSU President Dean L. Bresciani recognized Microsoft as a Campus Community Partner with a flag-raising ceremony at the NDSU flag pavilion on Oct. 12.

Bresciani said the ceremony highlighted the current and future collaboration between NDSU and Microsoft and their combined return to the local, state and regional economies. "The flags are raised together to signify the unity and cooperation between a great company and a great university," he said.

Don Morton, Microsoft's Fargo site leader, said NDSU graduates make up approximately 25 percent of the company's workforce in Fargo. "We continue to invest in the Fargo campus because we can attract and hire highly motivated, bright people," he said.

NDSU has developed a corporate partnership with Microsoft. This summer, NDSU also hosted the company's Microsoft Dynamics AX Fast TrAX Summer Institute pilot program. The live-in training program is for new young professional employees of businesses that sell and service Microsoft Dynamics AX.

NDSU President Dean L. Bresciani established the Campus Community Partner program earlier this year to recognize private sector collaborations with the university that benefit the community. Sanford Health was the first partner and was recognized in a ceremony in April.

The NDSU flag pavilion is located on the corner of 12th Ave. N. and 18th St. N. in Fargo.

NDSU inaugurates School of Music

On Sept. 26, the North Dakota State Board of Higher Education formally changed the name of the NDSU Department of Music to the School of Music, signifying its far-reaching mission encompassing a broad-based curriculum that includes professional doctoral programs in performance and conducting.

"This notable and important designation more accurately reflects both the depth and breadth of our music program, and the importance of a broad-based curriculum in defining a top-ranked research university," said NDSU President Dean L. Bresciani.

The NDSU School of Music offers undergraduate degrees in liberal studies, performance and music education; master's degrees in performance, conducting and music education; and doctor of musical arts degrees in performance and conducting.

"NDSU Music has had a long history of service to the region, the profession and the arts," said John Miller, director of the Division of Fine Arts. "The School of Music designation is not reflective of a change in what we do, but a new name that characterizes what we have been doing for the past several years – offering meaningful musical kinships with all its audiences, whether local or global."

The NDSU music program began in 1904 with C.S. "Doc" Putnam, a medical doctor from Casselton, N.D., who formed the North Dakota Agricultural College cadet band, which became known as the Gold Star Marching Band in 1923 after numerous gold-star ratings during ROTC inspections. The Department of Music officially became a four-year degree program in 1952 and offered a major in music for the first time in campus history. NDSU Music began offering professional master's and doctoral degrees in 2002. It is the only performance and conducting doctoral program in North Dakota, South Dakota, Wyoming, Montana, Idaho and western Minnesota.

A yearlong series of events is planned in commemoration of the inauguration of the School of Music, including residencies by noted musical artists and gala concerts at the Ordway Center for Performing Arts in St. Paul, Minn., March 12, 2013, and again

at Festival Concert Hall at NDSU March 25. A number of commissions and commemorative events will occur throughout the year, highlighted by a full production of Mozart's "Magic Flute," and a scholarly and performance symposium in the spring. The NDSU Music Symposium, Choral Music of the Americas, will feature composers and conductors from North America and South America in this weeklong series of workshops, clinics and performances. The American Choral Directors Association and NDSU Division of Fine Arts will sponsor the symposium. Further, a commemorative book – "Music at NDSU" – is in preparation by Professor Robert Groves and will provide a documentary and pictorial history.

For more information, contact the NDSU School of Music at 1-9564 or ndsufinearts@ndsuedu.

Elias M. Elias named University Distinguished Professor



Elias

NDSU President Dean L. Bresciani has recognized Elias M. Elias, professor of plant sciences, as a University Distinguished Professor. Bresciani made the announcement Oct. 4, during his annual State of the University Address.

NDSU established the University Distinguished Professorships to recognize the accomplishments of faculty. Professors who earn the designation

have at least 10 years at NDSU of outstanding teaching, service, research and reputation within their disciplines. The designation is the highest honor NDSU has to celebrate outstanding faculty.

"Dr. Elias' scholarly accomplishments and contributions to some of the most pressing needs of our state, nation and increasingly the world, define this recognition which he so richly deserves," Bresciani said.

Elias, who joined NDSU in 1990, works with the durum wheat breeding and genetics program as the J.F. Carter Durum Wheat Breeding/Genetics Endowed Professor. The program develops durum wheat varieties to maximize the economic return for producers and provide excellent quality durum wheat for the pasta industry and international export market. He has been named Durum Man of the Year by the U.S. Durum Growers Association. He is the recipient of NDSU's Larson/Yaggie Excellence in Research Award, Early Career, and the Waldron Award for Excellence in Research.

Elias earned his bachelor's degree in agriculture from Aleppo University in Syria and his master's in plant pathology from Montana State University. He earned his doctorate in agronomy from NDSU.

Elias joins a select group of faculty members with the designation, including Allan Ashworth, geosciences; Bill Perrizo, computer science; Mukund Sibi, chemistry and molecular biology; Neil Gudmestad, plant pathology; Bill Wilson, agribusiness and applied economics; Kalpana Katti, civil engineering; Tom Isern, history and religion; Jo Ann Miller, music; and Larry Reynolds, animal science.

NDSU is recognized as one of the nation's top 108 public and private universities by the Carnegie Commission on Higher Education; that designation puts the university in the top 2 percent of all private and public universities in the nation.

Commodity trading laboratory opens



William Wilson, University Distinguished Professor of Agribusiness and Applied Economics, presents a lecture in the new Commodity Trading Laboratory in Richard H. Barry Hall.

An exciting new era of education has begun in the NDSU Department of Agribusiness and Applied Economics. The much-anticipated Commodity Trading Laboratory is completed.

The facility features the latest and best in technology, where students and researchers can analyze commodity markets and students can learn the fast-paced activity of risk management and trading.

"The Commodity Trading Lab has emerged to be state-of-the-art, both in technology and design. It will provide a very positive environment for teaching students with interests in commodity marketing, and it will be the first of its kind that specializes in agricultural commodities," said William Wilson, University Distinguished Professor of Agribusiness and Applied Economics. "NDSU has a long tradition of training future leaders in this industry and the CTL will allow this to continue and grow. It will ultimately provide better training and exposure to marketing technology that is now the standard in these industries. It has a multitude of uses and has the potential to be used in other programs, including portfolio and finance courses in the College of Business."

Located on the first floor of Richard H. Barry Hall, the trading room has 32 work stations and can be expanded to 48 seats. Equipment was installed in September, with final technology work set for the week of Oct. 1.

Using dynamic linkages, students can produce spreadsheet analysis using many sources of information. Anything on a monitored screen can be linked to another screen, and the instant a number or order changes anywhere, it automatically updates the spreadsheet statistics, a system in tune with the immediate and constantly changing realm of international commodity trading.

Funding for the facility has come from many sources. The North Dakota Agricultural Experiment Station, Office of the Provost and NDSU Technology Fee Advisory Committee supplied seed money. Major agribusiness companies provided various forms of financial support, including ADM, CHS, Gavlion, The Rice Trader and George M. Schuler III of Minn-Kota Ag Products Inc. State commodity organizations also provided funds, including the North Dakota Corn Council, North Dakota Soybean Council, North Dakota Wheat Commission and Northern Crops Institute.

"It's a true partnership between the university and industry to do a better job of teaching," Wilson explained. "We could not do this on our own, and, to be honest, industry could not do it either. This creates a better product for employers, and hopefully it means more students for us."

NDSU visual arts department inaugurates wood kiln



Faculty and students load the new wood kiln at NDSU's Renaissance Hall.

Faculty and students loaded the visual arts department's new wood kiln on Oct. 1 in preparation for its inaugural firing during NDSU's Homecoming, Oct. 1-6.

The intention of the kiln is to create an opportunity for learning in a non-traditional classroom setting where goals are accomplished through a communal effort. David Swenson, visual arts associate professor, and Dan Siverson, visual arts technician, designed the kiln. Swenson and his students have spent the past several years planning and constructing it.

More information about the kiln, which is located at Renaissance Hall in downtown Fargo, is available at www.ndsuwoodfire.com.

Colleges announce Distinguished Alumni Month for 2012

Each year, the colleges of NDSU host Distinguished Alumni Day. On this day, the alumni, who have reached a certain level of prestige in their career, return to NDSU to meet with students, faculty and administrators. The day serves as an excellent way to show students what they can achieve with a degree from NDSU.

These awards have traditionally been presented in April. However, this year the colleges moved the presentation of the awards to Oct. 15-Nov. 15 because the University Alumni Awards have been moved from during Homecoming to April.

College of Agriculture, Food Systems, and Natural Resources



Austin

Philip E. Austin was appointed the 13th president of the University of Connecticut on Oct. 1, 1996. After stepping down from the presidency in August 2007, he returned to the faculty as a professor of economics. In July 2010, the board of trustees asked him to serve as interim president while they searched for a new permanent president. A year later, he was asked to assume the

position of interim vice president of health affairs, an assignment he completed in May 2012.

Prior to his appointment at UConn, Austin served for seven years as chancellor of The University of Alabama System. Before assuming the Alabama position, he was president of Colorado State University and concurrently chancellor of the Colorado State University System.

From 1978 to 1984, Austin served as provost and vice president for academic affairs and professor of economics and finance at Bernard Baruch College in New York City. He was previously director of the interdisciplinary doctoral program in public policy at George Washington University in Washington, D.C.

From 1974 to 1977, Austin was HEW deputy assistant secretary for education in Washington, D.C. During the latter part of this assignment, he also served as acting assistant secretary for education. He served as an economist in the director's office of the U.S. Office of Management and Budget from 1971 to 1974, and was the U.S. delegate to several international conferences on education and economic policy. He was invited by the government of Denmark to serve on a three-person team to evaluate the country's educational programs and policies.

Austin's service in the United States Army extended from 1969 to 1971. He was an economist with the rank of army captain in the Office of the Deputy Chief of Staff for Economic Affairs at U.S. Military Headquarters in Saigon, Vietnam. He was awarded the Bronze Star, Joint Service Commendation Medal and Army Commendation Medal during his military duty.

Austin earned his bachelor's and master's degrees in agricultural economics from NDSU in 1964 and 1966 and an honorary doctorate in 1996. He also earned a master's degree and doctorate in economics from Michigan State University.

Austin has been active in several professional associations. He was chair of the National Collegiate Athletic Association Division I board of directors. He served as president of the New England Association of Schools and Colleges, the board of directors of Connecticut United for Research Excellence Inc., the Governor's Council on Economic Competitiveness and Technology, and the Metro Hartford Regional Economic Alliance. He also served on the board of directors of several private-sector enterprises including First Interstate Bank of Fort Collins, Alabama Power Co., American Cast Iron Pipe Co. and Fleet Bank.

Austin will be on campus Thursday, Nov. 1. Contact Patti Sebesta at patti.sebesta@ndsu.edu or 1-8524 for more information.

College of Arts, Humanities and Social Sciences



Ray

Bipasha Ray is a program officer at Open Society Foundations, an international philanthropic foundation working to promote human rights and social justice. She joined the organization in early 2008, to help conceptualize and launch the Open Society Fellowship based out of New York. She helps select fellows from around the world who are pursuing unconventional approaches to open society challenges and works with them to get their ideas out within the Foundations' global network and in the public realm.

Before joining Open Society Foundations, she worked as a research associate and Web editor at the Project on Defense Alternatives in Cambridge, Mass., where she created Web resources and provided analysis on the wars in Iraq and Afghanistan, peace and security, and U.S. military and defense policy.

She previously was a reporter at The Associated Press in Boston and Philadelphia, where she covered news ranging from the Catholic Church abuse scandal and post-9/11 airport security to the 2004 Democratic National Convention. Her articles have appeared in

The New York Times, The Boston Globe, The Chicago Tribune and the Guardian (UK). She interned as a business reporter at the Star Tribune in Minneapolis on a Dow Jones Newspaper Fund Business Reporting award.

She is pursuing a distance-taught master's degree in international human rights law from Oxford University, United Kingdom. She earned a master's degree in international politics from Queens University Belfast, Northern Ireland, which she attended on a Rotary Ambassadorial Scholarship. There, she researched issues related to post-conflict reconciliation, governance and identity politics. She graduated from NDSU in 2002 with a bachelor's degree in mass communication and a minor in French. While at NDSU, she was editor-in-chief of The Spectrum student newspaper, having previously been news editor and copy editor. She also was involved with the Blue Key Honor Society, Bison Ambassadors and the International Students Association. She is originally from Mumbai, India.

Ray will be on campus Friday, Nov. 2. Contact Keri Drinka at 1-6131 or keri.drinka@ndus.edu for further details.

College of Human Development and Education



Lonbaken

Bonnie Lonbaken is the corporate dietitian for Lyons Magnus Inc. She serves as account manager for numerous healthcare multi-unit and group purchasing organizations. Her duties include sales and marketing, contributions to product development, training and promotion including public speaking for Lyons Magnus. She lives in St. Paul, Minn.

Lonbaken earned a Bachelor of Science degree in food and nutrition from NDSU and is a registered dietitian. She provides expertise in the foodservice business, specifically in teaching and training, sales and marketing plus seminar presentations on numerous topics.

Lonbaken has served as a member the Dietary Manager's Association's board of directors, Foundation Board and Industry Advisory Council. She received the Distinguished Service Award for her contributions to the association, which was renamed the Association of Nutrition and Foodservice Professionals in 2012.

Lonbaken also has been a member and active participant of the Women's Foodservice Forum for nine years.

She is an active member of the American Dietetic Association, Texas Dietetic Association, Fort Worth Dietetic Association, now the Academy of Nutrition and Dietetics state organizations. Having recently returned to Minnesota, she is a member of the Minnesota Academy of Nutrition and Dietetics. Lonbaken is a member of Dietitians in Business and Communications and Dietetics in Health Care Communities practice groups. She has served as chair for Dietitians in Business and Communications.

Lonbaken will be on campus Wednesday, Oct. 17. For more information, contact Nancy Gress at nancy.gress@ndsu.edu or 1-8216.

College of Pharmacy, Nursing, and Allied Sciences



Wightman

The College of Pharmacy, Nursing, and Allied Sciences has chosen Lori Wightman, AD '80, nursing, as the 2012 Distinguished Alumna for Nursing. Wightman is the president of Unity Hospital in Fridley, Minn. She previously was the president at New Ulm Medical Center in New Ulm, Minn., for more than eight years.

Wightman is a registered nurse with a master's degree in healthcare administration from the University of Colorado. Active in the American College of Healthcare Executives, Wightman has served as regent for Minnesota and is a governor on the American College of Healthcare Executives. She also serves on the NDSU Nursing Alumni Advisory Board.

Wightman has a varied background that includes having held positions as a healthcare consultant, building project coordinator, governor campaign manager and general manager of a professional basketball team.

She will be on campus visiting with students on Friday, Oct. 19. For more information, contact Sara Wald at sara.wald@ndsu.edu or 1-6461

College of Science and Mathematics



Fischer

David Fischer has been actively involved in the petroleum industry as a Williston Basin geologist and explorationist since June 1980. Upon completing his education, he was employed by Gulf Oil Corp. in Casper, Wyo., as an exploration geologist. His position was concerned with wildcat exploration in the North Dakota portion of the Williston Basin.

In August 1981, he joined Supron Energy as a staff geologist in Denver, where again his assignment was the Williston Basin. At Supron, he was responsible for not only wildcat exploration efforts in the basin, but also supervised their development program and active drilling rigs. While in Denver, he received a vocational teaching certificate and taught a class in basic petroleum geology at a local community college. In 1983, Supron Energy was purchased by Union Texas Petroleum and he joined the staff of the North Dakota Geological Survey as a subsurface geologist.

In November 1989, he left the Geological Survey to work as an independent subsurface geologist and consultant, concentrating in the Williston Basin. In addition to his oil industry activities, Fischer taught in the geology and petroleum engineering departments at NDSU. He also has been a consultant in the field of CO₂ sequestration, identifying and helping characterize reservoirs as potential geological storage sites. Recently, his focus has been on exploration and research into the occurrence of shallow Cretaceous biogenic natural gas in central North Dakota, and the possibility that gas has accumulated in economic quantities.

Fischer has written and co-written numerous articles on the Williston Basin. He is a longtime member of the American Association of Petroleum Geology and served as a technical adviser to the North Dakota Industrial Commission Oil and Gas Research Program.

Fischer earned his bachelor's degree from NDSU in soil science and his master's degree in geology from the University of North Dakota.

Fischer will be on campus Oct. 17. For more information, contact Keri Drinka at keri.drinka@ndsu.edu or 1-6131.

Development Foundation presents Service Award



Swiontek

NDSU alumnus Steve Swiontek received the prestigious NDSU Development Foundation 2012 Service Award during a recognition banquet Oct. 4. The event was held in conjunction with 2012 Homecoming festivities.

Swiontek, BS '77, economics and military science, Honorary Doctorate '06, was recognized for his outstanding contributions to NDSU, the foundation and the NDSU Alumni Association.

Swiontek is the chairman, president and CEO of Gate City Bank in Fargo, and a native of Edgeley, N.D. He is a member of the foundation's board of trustees and served as Alumni Association president from 2001 to 2003. In addition, he was chair of the NDSU Presidential Search Committee in 2010, and a member of the 1998 NDSU Presidential Search Committee. He also served as NDSU student body president in 1975.

"From the moment I met Steve, I've been impressed by his passion and his enthusiasm for NDSU," said NDSU President Dean L. Bresciani. "Steve exemplifies a level of sincerity and passion for his university and community that really, in my experience, it would be hard to find a parallel for."

Ryn Pitts, foundation board vice president, described Swiontek as a dedicated leader. "In looking at everything that Steve has done for NDSU, it's a long list," she said. "He has a deep and textured understanding of the Alumni Association and the Development Foundation. He brought to us a superb new president in Dr. Bresciani, (and he's) very supportive of Bison Athletics. It's hard to find an area that doesn't have the imprint of Steve Swiontek on it."

Jim Miller, executive director of the NDSU Development Foundation, said Swiontek loves his alma mater. "He has demonstrated that in almost anything he has done to provide assistance to us," Miller said. "When he was president of the Alumni Association, he was a very effective spokesperson for the graduates of the institution. He's continued that active involvement with the foundation board, and he has really helped the organization grow and mature through his leadership."

Swiontek was a state legislator 1976 to 1984, and he served on the Fargo school board from 1985 to 1991. Swiontek's past honors include the 2007 North Dakota Chamber of Commerce Community Leadership Award and being named the American Diabetes Association 2006 Large Business "Person of the Year."

Mental Health NDSU event held

The NDSU Counseling Center recently sponsored its second annual Mental Health NDSU celebration. The event is designed to highlight the services the center offers to individuals on campus and to raise awareness about mental health issues.

Mental Health NDSU events included a Counseling Center open house Oct. 9 and a De-Stress Fest, with a variety of relaxing activities available for students, Oct. 10. In recognition of National Depression Screening Day, the center also offered screens for depression and related mood and anxiety disorders at several campus locations Oct. 11.

Registration open for Innovation Challenge '13

NDSU is gearing up for its second annual student innovation competition. Innovation Challenge '13 will be held during Innovation Week, Feb. 25 to March 1. The competition will award cash prizes to the top product, service and corn-based innovations.

Registration is open until Oct. 24.

"Creating solutions to real-world challenges is part of who we are at NDSU," said Brenda Wyland, interim executive director of the NDSU Research and Technology Park. "Innovation is happening all over campus, and this competition is designed to showcase, encourage and reward student innovation."

The 2013 competition has a new format with three tracks for innovation teams to enter:

- Products
- Services, methods or processes
- Corned-based innovations

The new corn-innovation track is sponsored by the North Dakota Corn Growers Association. The track is open to products or services that involve new uses for the grain, stalks, cobs, oil or protein as well as new methods of production or processing.

The winning entry in each track will receive a \$5,000 prize. The three track winners will then compete for the Best in Show prize of an additional \$5,000, a total of \$10,000 for the overall winner.

People attending Innovation Challenge '13 events will vote for an entry to receive the People's Choice Award and a \$1,000 prize.

Innovation Challenge '13 is open to all NDSU students, undergraduate and graduate. "We are looking for new, progressive ideas from teams in all disciplines," Wyland said. "Innovation isn't just for the sciences; it is for anyone who thinks, 'wouldn't it be cool if ...'"

NDSU's first Innovation Challenge was held in January 2012, with 21 teams participating.

Innovation Week is sponsored by the Office of the Provost in partnership with the NDSU Research and Technology Park. The purpose of Innovation Week is to:

- Encourage students to be innovative thinkers
- Enhance student awareness for innovation as a precursor to entrepreneurship
- Empower students to pursue entrepreneurship as a career choice
- Expand student access to resources available for innovators and entrepreneurs
- Engage the entrepreneur and business communities with students

Details about the competition are at <https://app.pitchburner.com/s1/site/innovationweek13>. To stay updated on Innovation Challenge '13 and Innovation Week '13, follow the Research and Technology Park on Facebook.

Fort Abercrombie history project receives funding



Isern

The Center for Heritage Renewal at NDSU has received a grant of \$43,219 from the National Park Service's American Battlefield Protection Program to determine battlefield boundaries from the 1862 Siege of Fort Abercrombie, which was part of the Dakota War of 1862-64.

Tom Isern, center director and University Distinguished Professor of History, is principal investigator for the investigation of the Siege of Fort Abercrombie. Richard Rothaus, an experienced investigator in the field of cultural resource management, joins the center's team to perform substantial work on the project. Project plans also incorporate consultations with tribal historians and elders.

The grant is one of 27 National Park Service grants totaling \$1.25 million to preserve and protect significant sites from all wars fought on American soil. Funded projects help preserve battlefields from the Colonial-Indian Wars through World War II and include site mapping, archaeological studies, National Register of Historic Places nominations, and preservation and management plans.

"One of the fine things about this project is that it engages NDSU students with this subject of profound importance in regional history – the Dakota War," said Isern. "Aaron Barth, a doctoral student in history, is a research historian for the investigation, and students from the history department's senior seminar are doing primary research on the siege."

Federal, state, local and tribal governments, nonprofit organizations and educational institutions are eligible for National Park Service battlefield grants, which are awarded annually. NDSU is one of only three institutions of higher education to receive grants in the current round of the American Battlefield Protection Program. Additional information is available at www.nps.gov/history/hps/abpp. Members of the NDSU research team are posting highlights from their research at heritagerenewal.org.

Water research institute invites research fellowship applications

The North Dakota Water Resources Research Institute invites applications for its 2013 Graduate Research Fellowship program.

NDSU and University of North Dakota graduate students who are conducting or planning research in water resources can apply for fellowships of varying duration – three months to one year. In the past, fellowship awards for master's degree students have been in the range of \$800 to \$1,000 and for doctoral students it has been \$1,000 to \$1,400 per month. The fellowship funds must be applied between March 1, 2013, and Feb. 28, 2014. A technical completion report co-written by the fellow and the adviser is expected of each fellowship research project.

Research proposed for fellowship support should relate to water resources issues in the state or region. Regional, state or local collaborations or co-funding will strengthen an application. Fellowships

have a matching requirement of two non-federal dollars to one federal dollar. At the time of applying, applicants should have a plan of study filed and/or should have a thesis research topic selected. Applications need to be prepared in consultation with advisers. Advisers of the applicant should co-sign the applications. Applications from students and advisers who have not met the reporting requirements of their previous fellowship projects will not be considered for funding.

The general criteria used for proposal evaluation include scientific merit, originality, research related to state or region, and extent of regional, state or local collaboration and/or co-funding. The proposals will be reviewed by a panel of state water resources professionals.

Announcement of awards will be made by early January subject to the appropriation of funds for the FY 2013 program by the federal government.

Consult the North Dakota Water Resources Research Institute website at www.ndsu.edu/wrri for background information on the program and guidelines for preparation of applications.

Applications are due by 5 p.m., Nov. 30.

Submit original and four hard copies of applications to Linda Charlton, Family Life Center room 320, NDSU Dept. 2030, P.O. Box 6050, Fargo, ND 58108-6050 and an electronic copy in Word format to g.padmanabhan@ndsu.edu.

For additional information, contact G. Padmanabhan at g.padmanabhan@ndsu.edu or Charlton at linda.charlton@ndsu.edu.

Transportation Institute named honorees at awards banquet



Sutton

The Upper Great Plains Transportation Institute held its annual awards banquet Oct. 11 at the Fargo Holiday Inn. Tracee Sutton, Gary Berreth and Jim Moench were recognized for their contributions to the region's transportation industry. Five scholarships also were presented to NDSU students.



Berreth

Sutton, legislative director for U.S. Sen. Kent Conrad, received the Agrey Award, the institute's highest award. For more than 16 years, Sutton served on the legislative staff for members of the North Dakota congressional delegation. As a staff member for Congressman Earl Pomeroy, Sutton was instrumental in the 1998 highway reauthorization bill and helped secure funding for the Four Bears Bridge, the Small Urban and Rural Transit Center, and various highway and airport improvement projects. In 2002, Sutton joined Conrad's staff. She advised the senator on the most recent highway reauthorization bills that provided significant resources for highways and transit in North Dakota. Currently she is Conrad's legislative director, overseeing a 12-person legislative staff.



Moench

Berreth received the institute's Lifetime Achievement Award. Berreth retired as assistant chief engineer from the North Dakota Department of Transportation in 2005 after 37 years in the department. He helped lead the department in adopting technology in a variety of areas to improve operations, products and services. He advocated transportation planning, integrating it into the department's project selection and design processes. Upon his retirement, Berreth spent the next six years with the Upper Great Plains Transportation Institute, serving as director of the North Dakota Local Technical Assistance Program where he advocated the use of technology to meet the training needs of state and local transportation agencies and established the institute as a leader in delivering information and training to all levels of government, tribal agencies and the private sector for workforce development.

Moench received the Chairman's Award. Moench's most recent position was with the North Dakota Disabilities Advocacy Consortium, a coalition of 25 diverse disability organizations. During his more than eight years in the position, Moench coordinated joint legislative and policy activities for 25 diverse disability organizations in the state. A primary focus was enhancing mobility for disabled individuals. Moench served as chair of the Upper Great Plains Transportation Institute's Advisory Board from 1987 to 1997. During his tenure as chair, the institute increased its budget and launched several initiatives that are now established programs within the institute. These include the Advanced Traffic Analysis Center, establishment of the institute as a regional center within the U.S. Department of Transportation's University Transportation Center Program, and the development of institute's video-conferencing network. Those developments helped set the stage for the institute's success and dynamic growth in subsequent years. Moench also had distinguished careers with the North Dakota Farmers Union and North Dakota National Guard. His military career spanned 31 years, beginning with active duty in the U.S. Army and culminating with his appointment as Deputy Commander of the North Dakota Army National Guard in 1997.

The Institute also presented five scholarships to undergraduates at the event.



Engelmeyer



Rohloff

Stacy Engelmeyer, Melrose, Minn., and Taylor Krolak, Buffalo, Minn., both seniors in civil engineering, each received the \$1,500 Transportation Engineering Scholarship. The scholarship recognizes academic achievement and promotes the education of transportation students at NDSU. The Mountain-Plains Consortium through the University Transportation Centers program of the U.S. Department of Transportation provides funding for the scholarship.



Krolak



Franssen



Hall

Levi Hall, a senior majoring in agribusiness from Berthold, N.D., and Tanner Rohloff, a junior majoring in agricultural economics from Morris, Minn., each received the \$1,500 Paul E.R. Abrahamson Transportation Scholarship. The scholarship recognizes outstanding students at NDSU with an interest in the transportation and logistics of agricultural products. The Mountain-

Plains Consortium through the University Transportation Centers program of the U.S. Department of Transportation also provides funding for these scholarships.

Danielle Franssen, a senior in civil engineering from Cottage Grove, Minn., received the \$2,000 Charles E. Herman Scholarship, which recognizes academic achievement and promotes education of transportation students with a preference to women and minorities at NDSU. The Charles E. Herman Scholarship Endowment Fund at the NDSU Development Foundation provides funding for the scholarship.

For more information, go to www.ugpti.org/awards.

School of Natural Resource Science helps open hiking trail

NDSU's School of Natural Resource Sciences, the Dakota Prairie Grasslands chapter of the North Country Trail Association and Boy Scout Troop 214 are opening the Ekre/Troop 214 hiking trail near Kindred, N.D., Oct. 21.

The Ekre/Troop 214 trail is on the Albert Ekre Grassland Preserve southwest of Kindred. The preserve is land Albert Ekre donated to the NDSU College of Agriculture, Food Systems, and Natural Resources as a demonstration ranch to support research and education.

The trail is part of the North Country National Scenic Trail, which stretches approximately 4,600 miles from Crown Point in eastern New York to Lake Sakakawea State Park in central North Dakota. It is the longest of the 11 national scenic trails authorized by Congress.

"The new hiking trail crosses virgin grasslands and a spring creek, and goes through some of the oldest woods on the eastern end of the Sheyenne River Valley," says Jack Norland, an assistant professor of natural resources at NDSU and coordinator for the Ekre/Troop 214 trail project.

The trail is a one-mile-long loop that is rated as easy to hike, provides vistas of the valley and gives hikers a glimpse of North Dakota history.

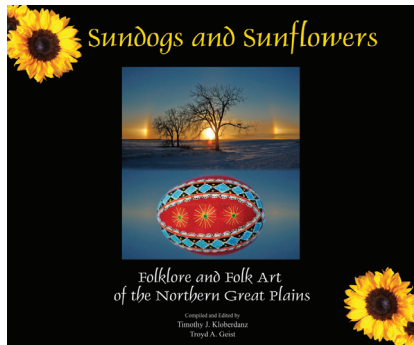
Part of the trail follows the path of the Fort Abercrombie military road established in the 1860s that served Fort Totten and Fort Ransom. Part of the new trail crosses the bottom of the valley where the road split, with one stretch going west to Fort Ransom and the other crossing the Sheyenne River and going north to Fort Totten. One of the log cabins on the preserve dates back to the military road era.

Additional parts of the North Country Trail are planned to connect to the new trail. The start of the trail will become a trailhead for part of the North Country Trail.

A trail opening ceremony is scheduled at the trailhead at 1 p.m. on Sunday, Oct. 21. The trailhead for the Ekre/Troop 214 trail is just south of where North Dakota Highway 18 crosses the Sheyenne River. Look for North Country Trail signs. By a global positioning system unit, go to 46 degrees 33.251'N 97 degrees 8.255'W.

Seven Scouts from Troop 214 have completed their Eagle Scout projects on the trail with help from troop members, the NDSU Natural Resources Management Club and others.

Professor emeritus' folklore book wins national award



The American Library Association has selected the book "Sundogs and Sunflowers: Folklore and Folk Art of the Northern Great Plains" for a national "Notable" award. The volume was compiled and edited by Timothy J. Kloberdanz, professor emeritus of sociology and anthro-

pology, and Troyd A. Geist, North Dakota Council on the Arts folklorist and an NDSU alumnus.

In fall 2011, the North Dakota Library Association awarded the book first place at its annual conference. The book then was sent to the American Library Association for consideration and voting at the national level. Criteria for selection included the "exceptional quality" and "usefulness" of the nominated books and government documents that were submitted.

Among the American Library Association judges were librarians from the University of Florida, the University of Illinois at Urbana-Champaign, Northwestern University and Stanford University.

"We were quite pleased to have this book selected at the statewide level last fall," Kloberdanz said. "Now we are even more elated to learn of its recognition at the national level by the ALA. Troyd and I always felt our region's folklore was 'notable' and worth preserving. But now recognition has come from well beyond our state's borders. That feels great and it should make all of us prairie folk very proud."

The American Library Association, based in Chicago and Washington, D.C., is the oldest and largest library organization in the world and has a membership of about 60,000.

Copies of the 350-page "Sundogs and Sunflowers" are available at the NDSU Bookstore. Visit www.nd.gov/arts/whatsnew/SundogsandSunflowers.html for more information.

Alcohol and other drugs student survey under way

The President's Council on Alcohol and Other Drugs is surveying students on their use of alcohol and other drugs. The survey, which began Oct. 1, is being conducted at all 11 North Dakota institutions of higher education. The North Dakota Higher Education Consortium for Substance Abuse Prevention endorsed the survey.

Survey data will be used to implement programs, services and policies aimed at reducing the harmful effects of high risk alcohol and drug use among NDSU students. Data will be compared to previous surveys conducted in 2001, 2003, 2005, 2006, 2008 and 2010 to determine trends in student use and perceptions.

Approximately 800 students are being surveyed in classrooms selected through a stratified random sample procedure. The project

has received Institutional Review Board expedited review and approval, and follows protocol for informed consent.

Instructors of classes selected in the sample will be notified for their permission to administer the survey. Questions can be directed to Laura Oster-Aaland at 1-7750 or laura.oster-aaland@ndsu.edu.

NDSU MBA program welcomes Muskie graduate fellow

NDSU's Master of Business Administration program will host a new international scholar on campus as part of the U.S. Department of State's Edmund S. Muskie Graduate Fellowship Program. NDSU welcomes Kamoliddin Rustamov from Uzbekistan.

Established by Congress in 1992 to encourage economic and democratic growth in Eurasia, the Muskie fellowship is a program of the Bureau of Educational and Cultural Affairs of the U.S. Department of State administered by IREX, an international nonprofit organization that provides programs to promote global change.

By selecting emerging leaders from 12 countries of the former Soviet Union, the Muskie program aims to promote mutual understanding, build democracy and foster the transition to market economies in Eurasia and Central Asia through intensive academic study and professional training. Muskie fellows also are introduced to American values through a community service experience and develop professional skills through a full-time internship in their field of study. The Muskie program is highly competitive, with a 4 percent rate of acceptance.

For more information, visit www.irex.org/project/edmund-s-muskie-graduate-fellowship-program.

Conference promotes healthcare careers for American Indian students

The first Native Health Career Student Development Conference was held Sept. 21 at United Tribes Technical College in Bismarck, N.D. The event was aimed at promoting opportunities for American Indian students to pursue healthcare careers.

Students from several tribal colleges in the region and representatives from NDSU, University of North Dakota, South Dakota State University, University of South Dakota, Presentation College and United Tribes Technical College attended the conference.

Donald Warne, one of the conference organizers and director of the NDSU Master of Public Health Program, notes there are tremendous disparities in the numbers of healthcare professionals, especially in the numbers of American Indians who pursue careers in healthcare. Warne hopes communities will benefit from the conference through an increase in the number of health professionals from American Indian backgrounds.

Panel presentations featured health professionals from regional tribes and students from regional tribes who are enrolled in graduate and professional level health programs at universities across the nation. The student panels discussed experiences in medicine, pharmacy, occupational therapy, epidemiology and public health in graduate school, and encouraged the younger students to continue pursuing educational opportunities.

Germans from Russia documentary to debut on Prairie Public TV

“At Home in Russia, at Home on the Prairie,” a documentary produced by Prairie Public and the NDSU Libraries’ Germans from Russia Heritage Collection, will premiere on Wednesday, Oct. 17, at 7 p.m. on Prairie Public Television.

The documentary, which is the seventh of a series, travels to an area typical of many German settlements on the Russian steppe — at one time a breadbasket of grain and other agricultural products. The Germans who settled the area are largely gone now, scattered in forced migration through decades of political unrest and change. Many of these German-Russians settled on the prairies of North Dakota, the Northern Plains and western Canadian prairie provinces.

One of those families is the Kutchurganers, who lived in south Russia before journeying to the prairies of North America. The stories are told by the descendants of these pioneers who settled on the prairies of North Dakota and Saskatchewan: Monsignor Joseph Senger, Christina Gross Jundt, Helen Feist Krumm, Dr. Adam Giesinger, Rev. Thomas Welk, Theresa Kuntz Bachmeier, Barbara Schneider Risling, Ron Volk, Colleen Zeiler, Debra Marquart, Mary Ebach and Clara Ebach.

The award-winning documentary series is a project that shares resources from the NDSU Libraries’ Germans from Russia Heritage Collection, available at www.ndsu.edu/grhc. Production funding was provided by the Germans from Russia Cultural Preservation Foundation, the NDSU Libraries’ Germans from Russia Heritage Collection, Monsignor Joseph Senger and the members of Prairie Public.

Executive producers of the documentary are Bob Dambach, Prairie Public director of television, and Michael Miller, director of the Germans from Russia Heritage Collection and bibliographer. The documentary was written by Dona Reeves-Marquardt and Lewis R. Marquardt.

Landscape architecture students to transform Fargo Public Library

Third-year students in NDSU’s landscape architecture program are getting the chance to show off their work. The designers will transform the entrances of the Fargo Public Library with temporary installations.

“Entropy” will be installed at the library’s west entrance. The design is inspired by using a simple form in abstract ways to define the area around it. “Movements Resolution” will be installed at the east entrance and consist of ominous doors, which resemble the changing values of society, according to Kelsey Windrum, junior landscape architecture student from White Bear Lake, Minn.

“As you pass through, the doors elevate your awareness of your role in change, leading a want for resolution,” she said. “The doors located outside the library remain shut, and the doors inside will open. Overall, the option of opening or closing these doors will motivate you to transform.”

Its design will draw in the public through dark ominous doors to create motion through the site to see the light.

A public reception with the students is scheduled for Wednesday, Oct. 17, from 3:30 p.m. to 5 p.m. at the Fargo Public Library.

“It’s an exciting feeling to come up with an idea and then to actually have the opportunity to apply it,” Windrum said. “And then, for the public to experience it – it’s fantastic.”

Stevie Famulari, associate professor of landscape architecture, divided 13 students into two groups to create the designs. The installations will be open to the public Oct. 15-22 during regular library hours.

NDSU hosts mathematics event for female high school students



Students enjoy fun math activities during Sonia Kovalevsky High School Mathematics Day.

The NDSU mathematics department hosted the 16th annual Sonia Kovalevsky High School Mathematics Day Sept. 22. The event attracted 31 female students and eight teachers, the second highest attendance in the past six years.

Participants included 11 students from nearby schools, including Davies High, Fargo North, West Fargo High School and Youth Education Services in Moorhead, as well as 20 students from schools across North Dakota, including Belfield, Dickinson, South Heart, Sawyer and LaMoure.

The program consisted of three hands-on workshops, a keynote address, a career panel, a mathematics competition and prize ceremony. The workshops included:

- “The game of Nim” presented by Lindsay Erickson, a graduate of NDSU’s doctoral mathematics program and a current faculty member at Concordia College in Moorhead;
- “Cylinders, Moebius bands, and topology,” presented by Josef Dorfmeister, NDSU mathematics faculty;
- “The geometry of Tetris,” presented by Mark Spanier, NDSU mathematics graduate student.

The keynote address on “Pricing an insurance claim with cards and dice” was delivered by invited speaker Catherine Micek of Travelers Insurance in Minneapolis. The career panel featured Micek and four local female engineers, who answered students’ questions about their jobs.

The event received highly positive feedback from attendees as indicated by anonymous evaluation forms. The students rated their overall experience as 4.75 out of 5. One student attendee

commented, "I'm so glad I came. It was so much fun and I am really considering mathematics as a career choice now."

The teachers also were impressed, rating the event as 5 out of 5. One instructor wrote, "Thank you. My girls look forward to this experience and we are very grateful for the opportunity. I appreciated the hands-on portion of all of the presentations." Another one shared, "Loved all the workshops. Hope to return next year with more girls. Thanks for covering expenses."

The event was supported by the Department of Mathematics, College of Science and Mathematics, School of Education, College of Human Development and Education, Office of the Provost, NDSU FORWARD and the NDSU Bookstore.

Student teams receive 'strong' rating in Google challenge

Four NDSU student teams received outstanding rankings in the fifth Google Online Marketing Challenge. The four teams were among 46 U.S. teams that received a "strong" rating in the competition.

The students were part of a marketing strategy class taught by Mike Krush, assistant professor of management and marketing, during spring 2012 semester. Student teams that placed in the strong category were part of the top 15 percent of teams globally. In addition, two NDSU teams placed in the "good" category and four other teams placed in the "fair" category.

"We are exceptionally pleased with the student performance," Krush said. "The teams that received a strong rating demonstrated their ability to understand and apply marketing strategy to an actual client and develop an effective online marketing strategy."

The following NDSU students placed in the strong category:

- Randa Dufault, Eagan, Minn.; Nicole Petersen, Fargo; and Thomas Uhlir, Fargo; who worked with Hannaher's Inc. as their client.
- Isaac Schmidt, Bismarck, N.D.; Tiffany Schulstad-Peterson, Frazee, Minn.; and Delinda Mueller, Minneapolis. The students worked with First Choice Apparel and Embroidery.
- Davis Beattie, Bismarck; Erik Furness, Rochester, Minn.; and Ryan King, Bismarck. The students worked with the Fargo Force hockey team.
- Nicole Burner, Minot, N.D.; Aaron Haugen, Alexandria, Minn.; Hyein Namgung, Korea. The students worked with Serenity Assisted Living.

More than 8,000 students from 86 countries and territories applied for the international marketing competition. The ratings for the competition are based on a Google algorithm that examines more than 35 different variables within each team's AdWords account to determine the top 15 teams in each of the four regions (the Americas, Europe, Asia/Pacific and Middle East/Africa).

The ratings for the teams (outside of the top 15 in each region) include:

- Strong Campaign – The top 15 percent of teams globally
- Good Campaign – Teams in the 70th to 89th percentile

- Fair Campaign – Teams in the 40th to 69th percentile
- Campaign Needs Improvement – The bottom 39 percent of teams

To accomplish the Google challenge, students needed an understanding of marketing strategy, ability to develop and execute a marketing strategy for a business, learn a new technology (Google AdWords) and apply their understanding of marketing strategy within the context of the technology.

This was the first time the class participated in the event. For more information about the competition, see www.google.com/onlinechallenge/results.html.

NDSU sponsors annual history conference

NDSU, Minnesota State University Moorhead and Concordia College sponsored the 47th annual Northern Great Plains History Conference Sept. 26-29 in Fargo. Approximately 250 people attended the event, which was last held in Fargo in 2003. The conference annually draws historians from throughout the Upper Great Plains.

Mark Harvey, professor of history, led NDSU's coordination of the event, which featured panel sessions discussing the 150th anniversary of the U.S.-Dakota War, journalism on the Northern Plains, the U.S. Civil War, European history, Native American history and women's suffrage.

John Cooper, recently retired professor of history at the University of Wisconsin, Madison, was the keynote speaker. He discussed the U.S. presidential election of 1912, which featured four candidates from four parties. "He regaled us with his extensive knowledge of that election and its importance in our history," Harvey said.

Attendees had the chance to visit the Ronald Reagan Minuteman Missile silo near Cooperstown, N.D. The conference featured a historical walking tour along the Red River and an opening reception at the Heritage Hjemkost Interpretive Center. Mark Sundlov of the Fort Buford State Historic Site gave a presentation on the impact of the Cold War in North Dakota.

Angela Smith, digital historian and assistant professor of history, held a hands-on, collaborative digital history workshop. During the workshop, participants used online primary sources and basic video editing to create a short digital historical narrative.

Harvey said several dozen students attended sessions and volunteered to manage the conference. He said NDSU doctoral student Stacy Reikowsky assisted in coordinating the conference.

Other NDSU staff, faculty and students involved in the conference include Jack Jackson, administrative secretary; David Silkenat, assistant professor; Troy Reisenauer, teaching assistant; Aaron Barth, teaching assistant; Ross Collins, professor; Clifford Canku, assistant professor; Kristi Groberg, assistant professor; Tracy Barrett, assistant professor; Michael Robinson, director of NDSU Archives; Kathleen Brokke, archival assistant; John Cox, professor and department head; Ann Braaten, assistant professor; Jacqueline WayneGuite, collection manager; and Larry Peterson, professor.

For more information on the conference, visit www.ndsu.edu/history/department/the_northern_great_plains_history_conference_2012.

Thought Leader series speaker: 'Think passion first'

Empowerment speaker and author Scott Shickler has a powerful and fundamental message about happiness.

"Real happiness comes when you are living your passion. It's not the destination of your life, it's the roads you are taking," Shickler explained during a visit to NDSU Sept. 27 to present the second of the Thought Leader presentations for the College of Business. "Everyone wants to live their own ultimate life. I often ask the question, 'If you had a magic wand, what would your ultimate life be?' The simplest answers are: everyone wants to be happy and passionate about what they do in life."

Roughly 625 people attended Shickler's Thought Leader presentation.

The renowned author of such books as "The 7 Mindsets," "The Ultimate Entrepreneur" and "Your Magic Wand," Shickler also is a businessman, establishing companies ranging from computer software to real estate to restaurants. He is a graduate of Fordham University and co-founder of the Magic Wand Foundation, a non-profit organization focused on empowering young people to live their dreams.

"Success really means significance. People want to have an impact with their lives and make a difference," he said. But, according to Shickler, research shows few people find their "ultimate life." He said about 80 percent of surveyed employed Americans are not passionate about their jobs, and an estimated one-third of the 60 million students in the United States will either drop out or fail out of school.

"Unfortunately, when we look at statistics there is a gap between what people want and what they get in life. That's where our research becomes important," Shickler said. His company conducted a three-year, \$3 million study to discover the seven mindsets to happiness. He now works with teachers in 20 states to promote the concepts.

"Money has its place – it just shouldn't be first. Happy people look inside themselves, because passion is an inside job," he said. "My advice to students is: Try to quiet the loving advice about finding security and follow your heart. When you are doing something you love, you'll invest more time in it, enjoy it more and smile more often. You'll go further and 95 percent of the time, you'll make more money."

Shickler's comments are reinforced by his business partner, Jeff Waller, who also visited NDSU. "The quote we use all the time is, 'In life, you can choose security or freedom, and if you chose security, you'll have neither,'" said Waller, co-founder and president of The 7 Mindsets. "When you pursue your passion, you have an energy about you and you become very valued. You are rewarded in many forms – financial, self-esteem, happiness and meaning in your life."

NDSU's Thought Leader Series brings national and international leaders to campus to enhance student learning outside the classroom and give students firsthand experience. Organized by a team of business students, the series is the brainchild of Tim Peterson, associate dean. National Geographic photographer Dewitt Jones was the inaugural speaker in 2011.

More information on Shickler's program is available at www.7Mindsets.com.

Student writers featured at NDSU Libraries Homecoming event

Six student writers were featured during an open house at the NDSU Main Library Oct. 3. The event in the library's Coffee House was held in conjunction with NDSU's Homecoming Week.

As one of the highlights of the open house, the students read from their poetry or prose selections that appeared in Northern Eclecta, a student-published literary journal.

Linnea Rose Nelson, a junior English major from Mayville, N.D., read her poems, "You in a Field" and "Winter, Sushi, This." Katherine Thoreson, a junior from Buxton, N.D., who is majoring in English, read her poetry, "I Am a Tree!" and "One Seeing Headlights in the Corner of My Eye."

Students reading from their works of fiction included Houda Abdelrahman, a sophomore from Fargo, who is majoring in zoology, who read "Rewind Park" and Chelsea Fetch, a senior English major from Mandan, N.D., who read "Life-Changing Moments."

Readers of non-fiction selections included senior Kaylee Jangula, a Grand Forks, N.D., English major, who read "I Found Out Who My Father Was" and Tessa Torgeson, a senior majoring in English from Bismarck, N.D., who read "Greenie."

"The NDSU Libraries wanted to showcase NDSU student authors highlighting their own works of prose and poetry, and our Coffee House was an ideal setting for such a gathering," said Michele Reid, dean of libraries. "The readings gave fellow students and other members of the NDSU community a chance to appreciate their creative accomplishments, as well as to interact in the informal atmosphere of the Coffee House. We are planning to hold more presentational and participatory events like this one in the near future."

Northern Eclecta, for the first time, will accept submissions from NDSU alumni for possible publication in Volume 7 to be published in 2013. For more information on Northern Eclecta, visit www.northerne.com.

For details about services and resources at the NDSU Libraries, visit <http://library.ndsu.edu>.

Design project aims to improve accessibility at area school

NDSU Freedom By Design recently hosted a brainstorming and sketching design session to form ideas to improve accessibility at the Lewis and Clark Elementary School playground. The group's latest project was open to all NDSU students and faculty to sketch out ideas and concepts for potential renovations or additions to the school. In addition, faculty, staff and parents from the Lewis and Clark school talked about their visions and specific needs for the school at the meeting.

"We are interested in this project because it is an opportunity for design students to work with real clients, learn about construction and learn about cost. It is an opportunity for us to grow as students, and it is an excellent way to raise awareness about accessibility issues while enhancing the play experience for many

children in the community,” said Ginnie Hausladen, architecture student and captain of Freedom By Design at NDSU. “If all goes well, we would like to see a project built by this spring.”

Lewis and Clark Elementary School is looking for playground equipment that could be geared toward its students with autism and Asperger’s syndrome. The Fargo-Moorhead Rotary Foundation is working with the design group on the project.

Freedom By Design is the community service program of the American Institute of Architecture Students. They are a group of design students (including architecture, landscape architecture, interior design and construction management) who work to fundraise, design and build projects for people in the community with physical or mental challenges. Their goal is to improve safety, dignity and comfort for those they help.

Bison Athletic Hall of Fame inducts 41st Class

Six new members were inducted into the Bison Athletic Hall of Fame 41st annual class at an awards luncheon Oct. 5. The addition of the new members brought the number of individuals enshrined to 251.

The newest members are sprinter Tamara Gilmore Sather, wrestler Lon Brew, NCAA national champion high jumper Penny (Ensrud) McLagan, wide receiver T.R. McDonald, basketball forward Darci (Steere) Wash and quarterback and decathlete Dr. Arden M. Beachy.

Gilmore Sather was a sprinter from 1987-90, who earned NCAA Division II All-America honors on the Bison 1990 indoor 1,600-meter relay team. A team captain, she ran on three North Central Conference outdoor champion 400-meter relay teams during her career and won the 1989 NCC indoor 55-meter dash championship. She lives in Chanhassen, Minn.

Brew was a three-time NCAA Division II wrestling All-American and was the North Central Conference 142-pound champion in 1978. He was a three-time conference runner-up in 1976, 1977 and 1979. He lives in the Minneapolis area.

McLagan is considered one of the most successful high jumpers in NDSU history. She was national champion in 1993 and a four-time All-American. She lives in Fargo.

McDonald was a first team All-North Central Conference in 1992 and 1993. He was an All-America in 1993, named as a third team selection by the Associated Press and a first team pick by both the Daktronics NCAA Division II and The Football Gazette. He also was an Academic All-American selection in 1993. He is a senior examiner for the Federal Deposit Insurance Corp.

Wash was a member of three NCAA Division II national championship teams and one national runner-up from 1990-94. During her senior year, she was selected to the 1994 Kodak Division II All-District and All-America team. Darci is married to former Bison linebacker coach, assistant coach and current Seattle Seahawks assistant Todd Wash.

Beachy was a first team All-North Central Conference quarterback in 1991 and 1992 and third team All-American selection in 1992. He also was a three-time NCAA Division II All-American in track and field in the decathlon. He has a family medicine practice in Staples, Minn.

African bakers attend Northern Crops Institute short course

Seven bakers from Senegal and Rwanda attended the Baking with Soy short course Sept. 24-28 at Northern Crops Institute. The World Initiative for Soy in Human Health, WISHH, a program of the American Soybean Association, sponsored the course.

Mark Weber, Northern Crops Institute director, said, “The addition of soy flour to baked products can raise protein content, balance essential amino acids and increase bread’s nutritional value, making soy flour one of the most promising uses of soybeans in many countries. We are delighted to work with WISHH in hosting this course that showcases the region’s high-quality soybeans.”

Clyde Stauffer, Technical Foods Consultants, Cincinnati, was the lead instructor for the course. His lectures focused on helping the team develop a better understanding of the various functional properties of adding soy to baked products. Stauffer also led sessions on calculating calories, using cost spreadsheets, and various kinds of wheats and their flour characteristics.

The initiative has been promoting soy flour to bakers in Africa for about 15 years, according to Stauffer. “As part of that outreach, about six years ago, we first started the Baking with Soy Seminars at Northern Crops Institute. We thought it was important to bring bakers to the U.S. and run a baking school for them. The first course in 2007 involved bakers from the Middle East. In more recent years, WISHH has been working extensively in Senegal, Cameroon, Burkina Faso, Nigeria, Uganda and we will be in Ivory Coast next month for the first time.”

According to Stauffer, the WISHH program’s goal is to improve nutrition of undernourished people in developing countries and to serve as an export program.

DIVERSITY

Being ‘out’ on campus topic of President’s Diversity Series



Pollard

DeRionne Pollard, president of Montgomery College, Maryland, is scheduled to present “Liberated from Fear: Living and Thriving While Being ‘Out’ on a College Campus” on Thursday, Oct. 25, at 9 a.m. in the Memorial Union Century Theater. Pollard will speak about her experiences being out as a student and college president as part of NDSU’s President’s Diversity Series. The event is free and open to the public.

Pollard serves as president of Montgomery College, a three-campus community college in Montgomery County, Maryland. She oversees the education and student services for 60,000 students. Pollard earned a doctorate in educational leadership and policy studies in higher education from Loyola University in Chicago and master’s and bachelor’s degrees in English from Iowa State University.

In addition to the President’s Diversity Series, Pollard will speak at a faculty-only pedagogical luncheon while on campus.

RESEARCH

NDSU Sheep Unit aids research, education



NDSU Extension Service sheep specialist Reid Redden, left, and Sheep Unit manager, Skip Anderson (center) talk to sheep producers.

On an ordinary-looking farmstead west of the NDSU campus, researchers are hoping to find answers to improve sheep production in North Dakota and throughout the U.S.

NDSU's Sheep Unit also has two other roles: Extension Service specialists use it to share what the researchers have learned with producers and others in the sheep industry through open houses, field days, tours and other educational programs, and students in NDSU's animal sciences courses receive hands-on experience in working with livestock. In addition, the unit has hosted artificial insemination schools and major events such as the 2007 International Katahdin Expo, which attracted participants from 24 states and four other countries.

"We try to do projects here that are producer-friendly, that let us disseminate the information that producers can put into use immediately in their sheep operations," said Sheep Unit manager Skip Anderson.

A couple of projects include evaluating a commercially available pregnancy detection and litter size test, and assessing a recently approved product designed to improve out-of-season breeding.

The Sheep Unit also is breeding for sheep that lamb naturally out of season. These genetics ultimately will be made available for sheep producers in the region to purchase.

Another way the Sheep Unit is helping producers is by enrolling three of the unit's flocks in the National Sheep Improvement Program, a performance-based genetic evaluation program designed to help sheep producers choose breeding stock with the best genetics. Programs such as this for other livestock species have proven to be the best method of identifying animals that excel in commercially important traits, but few sheep have been enrolled in the program, Redden says. Based on NDSU's experience, he'll be able to inform North Dakota sheep producers about how the program works and how it can benefit them.

NDSU recently completed a multiyear remodeling project at the Sheep Unit. It included upgrading the lambing facility and the main barn's ventilation, reggrading and landscaping the pen area to improve drainage, adding a fence line feeding system, reroofing the main barn, and replacing windows and lighting. The main barn was built in the 1940s, and two other structures for housing sheep and an equipment storage building were added later.

Anderson says the fence line feeding system was a good addition. Workers place the feed along the fence outside of a pen, which

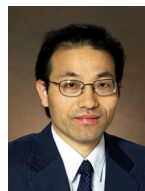
means they don't need to go inside pens to feed the sheep and they can use a variety of equipment to deliver feed to the fence line. Having the sheep eat through the fence also reduces feed waste.

The unit has four purebred flocks: Hampshire, established in 1915; Columbia, established in 1945; Katahdin, introduced in 1999; and Dorset, added in 2008. In all, the unit is home to 300 mature breeding ewes and about 15 rams.

In the Sheep Unit's academic role, it serves as a classroom for students in a variety of courses, including animal science, behavior and handling, as well as judging and evaluation, and the Veterinary Technology program.

Anderson has three goals for the Sheep Unit: continue to be a leader in research that directly affects producers, use new technology to produce efficient and healthy sheep, and continue to provide a place for students to receive hands-on experience.

Mechanical engineering assistant professor receives funding



Wu

Xiangfa Wu, assistant professor of mechanical engineering, has received a three-year, \$218,325 award from the National Science Foundation to conduct research outlined in his proposal, titled "Multi-Physics Modeling and Experimental Characterization of Needleless Electrospinning for Scalable Nanofiber Production." The funding also provides research opportunities to graduate and undergraduate students

to develop computer-aided electrospinning strategies for continuous, scalable production of ultrathin fibers or wires with the diameter in the range of a few nanometers to micrometers.

The research program in Wu's group focuses on using electrospinning to produce nanofibers of a variety of materials such as synthetic and natural polymers, carbon, ceramics and metals, with well controlled size and morphology for advanced applications including high-strength self-healing polymer matrix composites, high-performance electrodes for use in supercapacitors and rechargeable batteries, ultrafine liquid and gas filters. Electrospinning is a low-cost, top-down nanomanufacturing technique based on the principle of electrohydrodynamic jetting. Recently, the nanofiber productivity of electrospinning has been enhanced in orders by introducing the concept of free-surface electrohydrodynamic jetting or needleless electrospinning. Yet, controllable needleless electrospinning has not been explored fully. Based on the funding from the National Science Foundation, Wu's research group will study computer-aided electrospinning engineering for intelligent mass production of nanofibers with tailorable properties. One of the research goals is to gain a fundamental understanding of the entire process of needleless electrospinning, including jet initiation and elongation, drying, phase separation and nanopore formation by developing an efficient three-dimensional multi-physics phase-field model and related experimental validation.

According to Wu, students involved in the proposed investigations will learn advanced computational multi-physics modeling, design and optimization of electrospinning devices, controllable nanofiber manufacturing and characterization.

The research is funded by National Science Foundation award No. CMMI-1234297.

North Dakota NASA EPSCoR receives \$375,000

The North Dakota NASA Experimental Program to Stimulate Competitive Research has received a \$375,000 Research Infrastructure Development award from NASA. The award, which is for the period 2012-2015 with matching funding provided by the North Dakota State Legislature, will be used to fund statewide NASA-relevant seed research, including graduate research assistantships and researcher travel to NASA centers for developing collaborative research. Faculty from NDSU and the University of North Dakota will be eligible to compete for these grants.

Questions may be directed to Santhosh Seelan, professor and chair of the Department of Space Studies at UND and director of North Dakota NASA EPSCoR, at seelan@space.edu. For more information, visit <http://ndnasaepscor.und.edu>.

PEOPLE

Dairy Research Unit adds research technician



Fellbaum

Jordan Fellbaum was hired as dairy research technician in the Department of Animal Sciences' Dairy Research Unit, where he has spent the past four years as a student employee.

Fellbaum is a senior from Swanville, Minn., pursuing a bachelor's degree in animal science.

Doctoral student receives national Phi Kappa Phi award

NDSU doctoral student Qixin Zhou of Nanjing, China, recently received a Love of Learning Award in the amount of \$500 from the Phi Kappa Phi honor society. Zhou, who is studying mechanical engineering, is one of 140 recipients nationwide to receive the award, which helps fund post-baccalaureate studies and career development.

Zhou's research focuses on the degradation behavior of organic coatings under the guidance of Yechun Wang, assistant professor of mechanical engineering. She plans to use the award to attend chemical and mechanical engineering conferences.

The Phi Kappa Phi Love of Learning Award program was initiated in 2007 to help fund graduate or professional studies, doctoral dissertations, continuing education, career development and travel related to teaching and studies for active society members. The society's scholarship and award program awards \$1 million each biennium to qualifying students and members through graduate fellowships, undergraduate study abroad scholarships, member and chapter awards and grants for local and national literacy initiatives.

Founded in 1897 at the University of Maine, Phi Kappa Phi is the nation's oldest and most selective collegiate honor society for all academic disciplines. The society has chapters on more than 300 campuses in the United States and the Philippines. For more information, visit www.PhiKappaPhi.org.

Emergency management assistant professor teaches FEMA course



Carol Cwiak (first row, second from left) with participants of the Federal Emergency Management Agency course

Carol Cwiak, assistant professor of emergency management, taught the Federal Emergency Management Agency's course, E390: Integrating Emergency Management Education Into Your Institution, to representatives from Historically Black Colleges and Universities Sept. 27-28. The course is offered annually at the Emergency Management Institute in Emmitsburg, Md.

The course is offered in partnership with the White House Initiative on Historically Black Colleges and Universities and seeks to achieve a more diverse population of emergency management professionals who reflect the communities in which they live and work. The course provides information about emergency management and the benefits and resources available for integrating emergency management course offerings. Discussion in the course focuses on issues that face minority-serving institutions of higher education and strategies for overcoming institutional roadblocks to increasing emergency management offerings.

Cwiak co-taught the course with David McEntire from the University of North Texas. Cwiak and McEntire were the subject matter experts used to help develop the course content in 2010 and have since participated in offerings geared specifically to historically black colleges and universities, tribal colleges and universities, and Hispanic-serving institutions. In May 2012, Cwiak collaborated with Linda Kiltz, a course participant from a March 2012 offering, to write a short article for the International Association of Emergency Managers' Bulletin regarding diversity in emergency management. The article, "Walking the Walk: A Gap Analysis of Emergency Management's Efforts to Create Diversity in the Field," identified additional steps necessary to create and foster the diversity the field seeks.

Veterinary and microbiological sciences department adds faculty

The veterinary and microbiological sciences department will gain four new assistant professors, including Sheela Ramamoorthy, Nathan Fisher, and Teresa and Peter Bergholz.

Ramamoorthy started Aug. 16 and Fisher started Aug. 20. Teresa Bergholz started Oct. 1 and her husband, Peter, starts Nov. 12.

Ramamoorthy has a 60 percent research and 40 percent teaching appointment. Her research will focus on microbial pathogenesis.

Prior to coming to NDSU, she was an assistant professor of virology at the University of Georgia's Tifton Veterinary Diagnostic and Investigational Laboratory and a clinician in the Department of Veterinary Diagnostic and Preventive Medicine at Iowa State University, where she managed the serology section of the Veterinary Diagnostic Lab. She also was a postdoctoral associate in the College of Veterinary Medicine at Virginia Tech.

Ramamoorthy earned a Bachelor of Veterinary Medicine degree from Madras Veterinary College in India, master's degree in microbiology and molecular genetics from Oklahoma State University, and a doctorate in biomedical and veterinary sciences from Virginia Tech.

Fisher has a 40 percent research and 60 percent teaching appointment. He will focus his research on infectious diseases and public health.

Prior to coming to NDSU, he was a principal investigator in bacteriology at the National Biodefense Analysis and Countermeasures Center in Frederick, Md. Before that, he was a captain in the U.S. Army Reserve and served as chief of microbiology/deputy chief of laboratory services for Operation New Dawn, the U.S. armed forces' involvement in the war in Iraq.

He also was principal investigator for bacteriology with the U.S. Army Medical Service Corps at the U.S. Army Medical Research Institute of Infectious Disease in Frederick and served as adjunct faculty in the Microbiology, Mathematics and Science Division of Hagerstown Community College in Maryland.

Fisher earned a Bachelor of Science degree in biochemistry and molecular biology from Centre College in Danville, Ky., and a doctorate in microbiology and immunology from the University of Michigan Medical School.

Teresa Bergholz has a 60 percent research and 40 percent teaching appointment. Her research will focus on foodborne disease pathogenesis.

Prior to coming to NDSU, she was a research associate in the Department of Food Science at Cornell University. She earned bachelor's degrees in microbiology and food science and a doctorate in food science at Michigan State University.

Peter Bergholz has a special, nontenure track appointment in food safety and environmental microbiology, with 60 percent teaching in the School of Food Systems to support the food safety program and 40 percent research in the veterinary and microbiological sciences department. He'll focus his research on food safety and environmental microbiology.

Prior to coming to NDSU, he was a research associate in the Department of Food Science at Cornell University. Before that, Bergholz was a laboratory technician at the University of South Carolina. He earned a bachelor's degree in biology from the University of South Carolina and doctorate in microbiology and molecular genetics from Michigan State University. He also participated in a National Science Foundation training course in integrative biology and adaptation of Antarctic marine organisms.

"We are very excited and pleased to have such highly qualified faculty join the department," said Charlene Wolf-Hall, department head.

Bison player Bruhn named semifinalist for Campbell Trophy

Bison tight end Garret Bruhn is among 147 candidates for the 2012 National Football Foundation National Scholar-Athlete Awards, presented by Fidelity Investments. The selections were announced Sept. 27.

The 147 nominees also comprise the list of semifinalists for the 2012 William V. Campbell Trophy, endowed by HealthSouth, which recognizes the best football scholar-athlete in the nation.

Bruhn, a senior from Beatrice, Neb., maintains a 3.31 grade-point average majoring in criminal justice with a minor in accounting. He is one of four captains for the Bison this season.

"This year's candidates truly embody the National Football Foundation's mission of building leaders through football," said chairman Archie Manning. "They are standouts in the classroom and on the field and have become leaders in their respective communities."

Nominated by their schools, which are limited to one nominee each, candidates for the awards must be a senior or graduate student in their final year of eligibility, have a grade-point average of at least 3.2 on a 4.0 scale, be a first team player or significant contributor and demonstrate strong leadership and citizenship.

The foundation's Awards Committee will select up to 16 recipients, and the results will be announced Oct. 25. Each recipient will receive an \$18,000 postgraduate scholarship and vie as a finalist for the 2012 William V. Campbell Trophy. Each member of the 2012 National Scholar-Athlete Class also will travel to New York to be honored at the Dec. 4 awards dinner.

NDSU athletics announces new hires, promotions

Gene Taylor, NDSU director of athletics, announced new additions and staff/title changes.

Joining the Bison athletics staff is Jack Maughan, senior associate athletic director for development; Justin Swanson, director of marketing and promotions; Wes Offerman, athletic media relations assistant; Tom Goehle, assistant women's basketball coach; Stephanie Reiter, women's basketball director of operations; Meghan Schoeberl, assistant women's soccer coach; Katie Luce, women's soccer director of operations; Rachel Deyle, women's volleyball director of operations; Andrew Balzer, assistant strength and conditioning coach (temporary appointment); Brea Konz, assistant women's softball coach; Molly Sletten, Team Makers intern; academic graduate assistants Keri Kimble, Carolyn McLaughlin and Abby Nelson; Alexandra Drayton, athletic training graduate assistant; and Nick Obey, strength and conditioning graduate assistant.

The following staff received title changes/promotions: Troy Goergen, senior associate athletic director for marketing/media relations; Jason Miller, director of athletic performance-Olympic sports; Ryan Perreault, associate director of athletic media relations; Keith Dickhudt, assistant women's basketball coach; Kelly Lopez, assistant strength and conditioning coach; John Richardson, assistant football coach, and Margie Trickle, administrative assistant-football.

Bison kicker recognized for September performance

Bison football player Adam Keller was one of 31 place-kickers recognized by the Fred Mitchell Award for his performance on the football field and in the community during September.

Keller, a sophomore from Lewisberry, Pa., tied a school record with four field goals in NDSU's 33-21 win at Northern Iowa Sept. 29 and earned Missouri Valley Football Conference Special Teams Player of the Week honors. He has been a coach for the Tri-City Soccer seventh grade boys team, a Rosewood on Broadway Nursing Home volunteer and worked with children at TNT Gymnastics.

The recipient of the Fred Mitchell Award will be announced in mid-December based on excellence on the field and in the community.

EVENTS

NDSU Extension Service offers calf crop workshop

The NDSU Research Extension Center in Hettinger, N.D., is scheduled to host a calf crop workshop Oct. 15 at 3:30 p.m. to help cattle producers make marketing, management and feeding decisions. A workshop also was held Oct. 10 at the Central Grasslands Center near Streeter, N.D.

"With weaning time right around the corner, producers soon need to make decisions about the fate of their 2012 calf crop," says Carl Dahlen, NDSU Extension Service beef cattle specialist. "Dry conditions, limited feed availability and poor forage quality may make producers question their traditional management strategies. The goal of the workshop is to address these challenges and provide a fun, hands-on learning environment."

Participants will rotate through several outdoor stations, including calf pens, feeding areas and working facilities. Topics to be covered include: assigning sales value to feeder calves, pregnancy checking with blood and ultrasound, collecting and submitting hay samples to a lab and interpreting the test results, cover crops and their nutrient content, nitrates in feeds and options for backgrounding calf diets and mixing them properly.

Contact Julie Kramlich at 701-567-2735 for more information about the Hettinger workshop.

Research labs open house scheduled

Two of NDSU's research laboratories will host concurrent open house sessions Oct. 16, from noon to 2 p.m. Everyone is invited to tour the labs, watch demonstrations of key equipment and enjoy refreshments.

The Core Biology Facility, in IACC 316 and IACC 354, was established in 2003 with funding from the National Institutes of Health and is operated by the Center for Protease Research. The manager is Tao Wang, who joined the center in April 2011.

The Core Synthesis and Analytical Services Facility, in Dunbar 156, another Center for Protease Research lab, was started in 2008. The manager, Ganesh Balasubramanian, will be available for tours and questions, and also will demonstrate some equipment during the open house.

The facilities are available to scientists for research, data analysis, consultations and teaching purposes.

For more information, contact Dionna Martel, administrative coordinator, at 1-6114 or dionna.martel@ndsu.edu.

Seminar to feature cardiovascular researcher

The next NDSU Civil Engineering Seminar, "Correcting Diastolic Heart Failure with Omega-3 Fatty Acids," is scheduled for Wednesday, Oct. 17, at 1 p.m. in Research 1 room 148/154. The presenter is Gregory Shearer, an associate scientist at the Cardiovascular Health Research Center of Sanford Research in Sioux Falls, S.D.

According to the abstract for his talk, Shearer will discuss how most heart failure historically is associated with decreased contractile function of the ventricle, which results in reduced cardiac output and associated morbidities. He notes increasingly, heart failure is characterized by impaired relaxation, which compromises refilling and consequently cardiac output can be impaired despite preserved contractility. The heart muscle responds to the afterload stress of high blood pressure by increasing the deposition of collagen between the myocytes, stiffening the muscle and impairing relaxation. The presentation will investigate the role polyunsaturated fatty acids derived from fish oils, or omega-3 fatty acids, play in preserving the diastolic function.

Shearer is also a faculty member at Sanford School of Medicine, University of South Dakota. He is director of Physiology Core, Sanford Research. He earned his doctorate in human physiology from the University of California, Davis. Prior to joining Sanford Research, Shearer was a research scientist with the Veterans Affairs Northern California Health Care System. He has an extensive publication list and is the author of several patents. His research is supported through grants from the National Institutes of Health, GlaxoSmithKline and California Walnut Commission.

Calf Backgrounding Program set for Oct. 17

The NDSU Extension Service has scheduled a videoconference, titled "Backgrounding Cattle 2012: High Feed Prices" for Wednesday, Oct. 17, from 7 to 9 p.m. Cattle producers can learn more about backgrounding and how it might work for their operation.

"With record high feed prices, determining whether backgrounding calves is profitable requires a good plan and budget," says Karl Hoppe, area Extension livestock specialist at the NDSU Carrington Research Extension Center. "However, while calf prices are not at record highs, they are respectable. Matching feed costs, target rate of gain and delayed marketing strategy could mean a profit."

The videoconference will be broadcast at 12 NDSU locations:

- North Central Research Extension Center near Minot
- Carrington Research Extension Center
- Dickinson Research Extension Center
- Animal Sciences Department in Hultz Hall on the NDSU campus
- Extension county offices in LaMoure, Ashley, Watford City, Napoleon, Grand Forks, Bottineau, Bismarck and Linton

The event is free of charge. No registration is required.

For more information, contact John Dhuyvetter at 701-857-7682 or john.dhuyvetter@ndsu.edu, Dahlen at 1-5588 or carl.dahlen@ndsu.edu, Hoppe at 701-652-2951 or karl.hoppe@ndsu.edu or your local Extension agent.

Activities planned at NDSU for National Day on Writing

NDSU has a full day of activities planned to celebrate the annual National Day on Writing on Friday, Oct. 19. Organized by the National Council of Teachers of English, the event is designed to draw attention to the variety of writing and traditionally has been declared a national observance by the U.S. Senate.

The celebration at NDSU includes:

- 8 a.m. to 4 p.m. "Exquisite Corpse," NDSU Facebook page

The Department of English will again sponsor a form of writing that allows multiple writers to compose together. Every hour, a new story starter will appear on the NDSU Facebook page. All students, alumni, faculty, staff and community members are encouraged to move the hourly stories along by adding to them.

Read the starter and the comments that follow and add what would make an amusing or interesting addition to the story. "Any 'Facebookers' who have liked the NDSU Facebook page can add a sentence or two to the story," said Brandi Fuglsby, English lecturer. "The goal is to make people aware of the National Day on Writing."

To participate, visit www.facebook.com/ndsu.fargo. For more information, contact Fuglsby at brandi.fuglsby@ndsu.edu.

- 10 a.m. to 11 a.m. "Workplace Writing: Effective or Correct?" Sudro Hall room 26

The Center for Writers will welcome Katie Hasbargen, Microsoft senior communications manager, as guest speaker. In today's business environment, information changes at record speed. The accelerated pace doesn't always facilitate proper writing style or form. Learn how professionals can make their writing style and tone effective and relevant depending on the circumstance and communication medium.

To register, visit www.ndsu.edu/cfwriters/workshops. For more information, contact Karen Peirce, associate director of the Center for Writers, at karen.peirce@ndsu.edu.

- 10 a.m. to 2 p.m. "Resources for Your Writing at the NDSU Libraries," Main Library lobby

The NDSU Libraries will staff a table and provide information on a variety of materials related to writing. Find out who to contact to

help with writing-related research. For more information, contact Char Myhre, senior reference and instruction librarian, at char.myhre@ndsu.edu.

- 11 a.m. to 2 p.m. "Center for Writers Open House," Main Library room 6

The Center for Writers, Student Government and the Office of the Provost will host an open house in the newly renovated and expanded Center for Writers. Snacks and door prizes will be available. For more information, contact Mary Pull, director of the Center for Writers, at mary.pull@ndsu.edu.

- 11 a.m. to 2 p.m. "Resources for Writers," Memorial Union lobby

The Center for Writers will staff a table where the campus community can learn about the center's services and have fun with word games and writing activities. For more information, contact Pull at mary.pull@ndsu.edu.

- 11:30 a.m. to 12:30 p.m. "Learn the Art of Calligraphy," Morrill Hall 101

The Department of English will offer a workshop to introduce the basic strokes of Chinese calligraphy. Attendees will create Chinese prayer and blessing cards. Brushes, inks and paper will be provided.

Calligraphy can be messy, so wearing clothes that wash easily is suggested. For more information, contact Matthew Warner, graduate teaching assistant, at matthew.b.warner@ndsu.edu.

The NDSU celebration of the National Day on Writing is supported by the Center for Writers, the Department of English, NDSU Libraries, Student Government and Office of the Provost.

Visiting philosophy professor to present October colloquium

The history, philosophy and religious studies department's October colloquium will feature David Kyle Johnson, philosophy associate professor at King's College, Wilkes-Barre, Pa. Johnson is scheduled to present "Identifying the Conflict between Religion and Science" Oct. 19 at 3 p.m. in Putnam Hall room 101.

While some academic theists maintain religion and science are not in conflict, Johnson will argue, by analogy, that they undeniably are in conflict. He will begin by defining religion and science, and then present multiple examples that are instances of unscientific reasoning and beliefs. The unscientific beliefs and reasoning will be used to show how they parallel common mainstream orthodox religious reasoning and doctrines.

Johnson earned his doctorate in philosophy in 2005 from the University of Oklahoma, Norman. His primary interests are problems within the philosophy of religion, epistemology and general philosophical connections between pop culture and philosophy. He has edited several books in Wiley-Blackwell's Pop Culture and Philosophy series, including "Inception and Philosophy," "Introducing Philosophy Through Pop Culture: From Socrates to South Park," "Hume to House," and "Heroes and Philosophy: Buy the Book, Save the World."

Questions or special needs requests can be directed to Dennis Cooley at dennis.cooley@ndsu.edu or 1-7038.

Extension Service to co-host Dakota Feeder Calf Show

The 14th annual Dakota Feeder Calf Show is scheduled for Saturday, Oct. 20, in Turtle Lake, N.D.

Cattle will be accepted at the Turtle Lake weighing station before 11 a.m., then exhibited as groups of three or four head. The spring-born steer calves consigned to the show then will be fed to market weight at NDSU's Carrington Research Extension Center feedlot.

The NDSU Extension Service is partnering with the Dakota Feeder Calf Show on the show and feedout project to provide cattle producers with an opportunity to experience retaining ownership of cattle beyond the cow-calf phase of production. Producers who consign their calves to the feedout program will receive performance and carcass data.

Producers will be assessed an entry fee of \$20 per calf. Dakota Feeder Calf Show officials will present awards to producers at the end of the trial.

For more information or to preregister calves, contact Hoppe at 701-652-2951; Darwin Chesrown, Turtle Lake Farmers Union Oil, at 701-448-2356; or Irene Graves, McLean County Extension, at 701-462-8541, ext. 208.

Cattle may be registered the day of the show, but the feedout is limited to 160 head.

Renowned hydrologist to speak at seminar

Donald Rosenberry, a nationally and internationally known research hydrologist with the U.S. Geological Survey National Research Program in Denver will present the seminar, "The importance of groundwater to lakes, wetlands and streams: New methods, new understanding and the societal relevance of research at the sediment-water interface," on Tuesday, Oct. 23, from 2 p.m. to 3 p.m. in the Memorial Union Rose room. The seminar is the third of the annual North Dakota Water Resources Research Institute Distinguished Water Seminar series by eminent water professionals on emerging issues, challenges and new research directions in water resources.

Rosenberry specializes in processes that affect exchange between groundwater and surface water, and in developing new tools for quantifying fluxes at the sediment-water interface. He received his training in geography, geology, hydrogeology and fluvial geomorphology at Bemidji State University, University of Minnesota and University of Colorado. Concepts and methods related to exchange between groundwater and surface water are being tested at two nearby long-term research sites: Cottonwood Lake area northwest of Jamestown, N.D., and the Shingobee Headwaters Aquatic Ecosystem Study near Walker, Minn. The concept that groundwater and surface water are actually one resource, linked at the sediment-water interface of lakes, wetlands and streams, is now widely accepted by water-resource scientists and managers alike. Recent improvements in tools and measurement resolution have led to better understanding of the physical, geochemical and

biological processes that occur at this important ecotone. These processes and linkages are directly relevant to the public, particularly when they affect property values or endangered species.

Before the seminar, students and faculty will have an opportunity to interact with Rosenberry. All interested faculty and students are welcome to attend the seminar and participate in discussions.

The annual seminar series is sponsored by the North Dakota Water Resources Research Institute and this year's co-sponsors are agricultural and biological engineering, civil engineering, environmental conservation sciences, geosciences departments and the School of Natural Resources Sciences.

For more information, contact G. Padmanabhan at g.padmanabhan@ndsu.edu or 1-7043 or Xuefeng Chu at xuefeng.chu@ndsu.edu or 1-9758.

NDSU Meats Lab schedules workshops, open house

The Meats Lab at NDSU has scheduled an open house Friday, Oct. 26, from 3 p.m. to 6 p.m. at Shepperd Arena, 1350 Albrecht Blvd. NDSU's Department of Animal Sciences and Meats Lab is sponsoring the event, which is free and open to the public.

Faculty and staff will conduct the following 15-minute educational workshops:

- 3 p.m., "Degree of Doneness" – Learn how to cook the perfect steak or chop
- 5 p.m., "Meat Selection" – Learn how to choose the best cuts and where they come from

Tours of the Meats Lab facilities are scheduled for 3:30 p.m., 4:30 p.m. and 5:30 p.m. Free sample products will be available and attendees will get the chance to meet student employees.

In addition, the NDSU Meats Lab will have its regularly scheduled weekly retail hours. For more information, including a list of products and prices, visit www.ag.ndsu.edu/ansc/facilities/shepperd-arena.

For more information, contact Austen Germolus or Theresa Jeske at 1-8107 or ndsu.meats@ndsu.edu.

Harvest Bowl to celebrate agriculture and Bison Athletics

The 39th annual Harvest Bowl program at NDSU is scheduled for Oct. 26 and 27.

Highlights of the event include a Harvest Bowl dinner and awards program Oct. 26 at the Fargo Ramada Plaza Suites and the Harvest Bowl football game between NDSU and Southern Illinois Oct. 27. Also on Oct. 27, as part of Harvest Bowl, honorees will participate in educational sessions on the NDSU campus.

As the state's land-grant university, NDSU plays a major role in contributing knowledge through research, academic programs and the Extension service. More than 2,000 agriculturists have

been recognized and more than \$120,000 in scholarships have been awarded to NDSU student athletes who have agricultural backgrounds or are majoring in a field of agriculture, business or pre-med.

The NDSU Harvest Bowl program recognizes the success, dedication and hard work of outstanding agriculturists in 53 counties in North Dakota and several counties in Minnesota.

An agribusiness award recipient is chosen annually. This award recognizes individuals who have distinguished themselves in the field of agriculture and business in North Dakota and beyond. Neal Fisher, North Dakota Wheat Commission administrator, will receive the 2012 award.

Fisher has been with the Wheat Commission for 33 years. He started in 1978 as a marketing specialist and then became the deputy administrator in 1982. He has been the administrator since 1998. Through the years, Fisher has worked to ensure the worldwide competitiveness of North Dakota producers of hard red spring wheat, durum and other classes of U.S. wheat.

Several scholarships also are awarded to outstanding male and female athletes.

For information on Harvest Bowl activities, visit the NDSU Alumni Association website at www.ndsualumni.com, call the NDSU alumni office toll-free at 800-279-8971 or 1-6800, or email marilyn@ndsualumni.com.

NDSU, UND faculty speed networking event scheduled

The NDSU Advance FORWARD program and the Women in Research program is scheduled to host a speed networking reception for all NDSU and University of North Dakota faculty on Friday, Oct. 26, from 3:30 p.m. to 5:30 p.m. at NDSU's Memorial Union Arikara room. The event aims to bring faculty from NDSU and UND together to accelerate research collaboration and collegial contacts.

To register, visit FORWARD's website at www.ndsu.edu/forward and click on the NDSU/UND Speed Networking event.

For more information about the event, contact Ann Burnett at ann.burnett@ndsu.edu or Kara Gravley-Stack at kara.gravley-stack@ndsu.edu.

Bison Halloween Party scheduled

The NDSU Student-Athlete Advisory Council is sponsoring the annual "Bison Halloween Party" scheduled for 4 p.m. to 6 p.m. Sunday, Oct. 28, in the Bison Sports Arena.

Designed as a family event, the party includes games, prizes and candy. Recommended for kids ages 2-9, participants will have the opportunity to meet Bison players, coaches and athletic department administrators. All attendees are encouraged to wear Halloween costumes. The event is free and open to the public.

President's Council on Alcohol and Other Drugs to hold meeting

The President's Council on Alcohol and Other Drugs has scheduled a Town Hall Meeting Monday, Oct. 29, from 7 p.m. to 8:30 p.m. at the NDSU Alumni Center. Faculty and staff are encouraged to attend.

The purpose of the meeting is to discuss the issue of high-risk drinking with community stakeholders, campus leaders and elected officials. The facilitated discussion will include an overview of the problems associated with high-risk drinking in North Dakota and discussion of possible solutions to curb this problem.

The council also will share milestones and gather feedback on its strategic plan. Gene Taylor, chair of the council, said, "The Town Hall Meeting is a chance for us to reconnect with our community stakeholders – both on and off campus – to ensure the council is sharing the progress that has been made on our strategic plan to address high-risk alcohol and other drug use and encouraging our partners to take an active role in continuing to work on this important issue."

Starting at 6:30 p.m., refreshments will be served and attendees are invited to network. The meeting is sponsored by NDSU with funding provided by the Federal Substance Abuse and Mental Health Services Administration.

If you plan to attend, contact Nancy Mueller at 1-8379 or nancy.mueller@ndsu.edu by Friday, Oct. 19.

NDSU Residence Halls to provide trick-or-treating

The following NDSU Residence Halls will offer trick-or-treating to students Oct. 31 from 5 p.m. to 7 p.m.:

- Burgum: 1333 12th Ave. N.
- Churchill: 1300 Centennial Boulevard
- Dinan: 1337 Administration Ave.
- Stockbridge: 1420 University Drive N.
- Reed/Johnson: 1431 Albrecht Boulevard
- Seim: 1510 15th Ave. N.
- Sevrinson: 1422 Albrecht Boulevard
- Thompson: 1412 Albrecht Boulevard
- Pavek: 1420 Bolley Drive
- Living Learning Center: 1435 18th St. N.

For more information, contact Becky Bahe at 1-6255 or rebecca.bahe@ndsu.edu.

United Way Silent Auction, Bake and Book Sale scheduled

To raise funds for United Way of Cass-Clay, the Division of Information Technology and the Department of Computer Science have planned the 16th annual United Way Silent Auction and Bake and Book Sale. The event is scheduled for Wednesday, Oct. 31, from 11 a.m. to 2 p.m. in the IACC on the first and second floor lobbies. All money raised will go toward supporting the United Way of Cass-Clay.

NDSU faculty, staff and students can participate in several ways. Individuals can donate an item or participate in “bidding” or “buying” on the day of the event.

To submit auction item donations, visit the auction website at www.ndsu.edu/pubweb/auction and add your item(s) to the list. Deliver the item(s) before 5 p.m. on Monday, Oct. 29, to IACC room 206. Participants also can view a listing of available items.

For more information, contact Janet Stringer at 1-8674 or janet.stringer@ndsu.edu.

NDSU Extension Service schedules tri-state sheep tour

A tour of research and private sheep operations in South Dakota, Nebraska and Iowa Nov. 1-2 will introduce sheep producers and the Extension agents who assist them to the commercial sheep industry.

“The American sheep industry lacks commercialized products such as buildings, feeding systems, equipment and handling facilities that most other livestock industries have access to,” said NDSU Extension Service sheep specialist Reid Redden, who organized the tour. “This tour will provide insight into management practices such as development of novel facilities, feeding strategies and breeding systems that individuals and research centers have developed to improve the efficiency of lamb and wool production.”

Tour participants will visit state-of-the-art sheep facilities and meet sheep industry leaders. The tour stops and topics are:

- Buskohl Lamb Feedlot, Wyndmere, N.D. – David Buskohl will provide a tour of his large commercial lamb-finishing system and discuss methods of optimizing lamb health and productivity.
- South Dakota State University Sheep Unit, Brookings – Jeff Held will provide a tour of the sheep barn and discuss research topics at SDSU.
- Dakota Lamb, Hurley, S.D. – Bill Aeschilman will provide a tour of his custom lamb feed yard and discuss his lamb marketing business.
- U.S. Meat Animal Research Center, Clay Center, Neb. – Kreg Leymaster will provide an educational seminar on commercial sheep breeding systems and lead a tour of the research center.
- Iron Horse Farms, Harlan, Iowa – Tom Schechinger will provide a tour of his 100 percent confinement sheep operation.

The registration fee is \$25 to cover transportation costs. The registration deadline is Oct. 24. For more information or to register, contact Redden at 1-5597 or reid.redden@ndsu.edu.

Sheep shearing, wool classing schools to be held

NDSU’s Hettinger Research Extension Center is scheduled to host the North Dakota Sheep Shearing School on Nov. 17-19 and the Certified Wool Classing School on Nov. 17-20.

The sheep shearing school is sponsored by the North Dakota Lamb and Wool Producers Association, NDSU Hettinger REC and NDSU Extension Service. The same organizations, along with the American Sheep Industry Association, are sponsoring the certified wool classing school.

For more information on both, contact Chris Schauer at 701-567-4323 or christopher.schauer@ndsu.edu.

Extension Service farm/ranch transition planning classes set

NDSU Extension Service has scheduled a series of farm/ranch transition planning workshops on Nov. 29, Dec. 6 and Dec. 13. The sessions will run from 6:15 p.m. to 9:30 p.m. Central Standard Time and 5:15 p.m. to 8:30 p.m. Mountain Standard Time at the following locations across the state:

- Beach High School, 600 Central Ave. N.
- Carrington Research Extension Center, 663 U.S. Highway 281 N.E.
- Center/Stanton High School, 315 Lincoln Ave. N., Center
- Divide County Courthouse Farmers Room, 300 2nd Ave. N., Crosby
- Grant County High School, 110 W St. N., Elgin
- Hettinger Research Extension Center, 102 U.S. Highway 12 W.
- Killdeer Public School, 101 High St. N.W.
- Mandan Northern Great Plains, N.D. Highway 6 South
- Mott High School, 205 Dakota Ave.
- Richland County Extension office, courthouse, 418 2nd Ave. N., Wahpeton
- Williston Research Extension Center, 14120 U.S. Highway 2
- Wishek Elementary School, 100 Badger St. S.

The sessions will have a combination of presentations via the North Dakota Interactive Video Network and from local experts at each location. Attending all three sessions is important.

Topics for the first session are why you should plan your estate, who should be involved, what materials you’ll need and the importance of communication among family members. The IVN presenter will be John Baker, Beginning Farmer Center, Iowa State University.

Session 2 will address farm succession planning, and tax and economic consequences of asset transfer strategies. The IVN presenter will be Andy Zenk, agribusiness consultant, AgCountry/Farm Credit Services, Grand Forks.

Session 3 will cover farm business arrangements, including the pros and cons of different types of business organizations for

farmers and ranchers in North Dakota. The IVN presenter will be Judith Howard, an attorney from Minot.

For registration information, contact the Extension agent at the site you want to attend.

Registration forms and online registration, are available at www.ag.ndsu.edu/anniesproject. Click on Farm/Ranch Transition Planning, then Transition Planning Registration Form at the bottom of the page. Anyone interested in attending the workshop should register as soon as possible because seating is limited at most of the sites.

For more information about the workshop, contact the Extension office in the county with the session you want to attend or Huot at 701-780-8229 or willie.huot@ndsu.edu.

PUBLICATIONS/PRESENTATIONS

Animal sciences' beef research accepted for publication

Several faculty, staff and students in the NDSU animal sciences department had research accepted for publication in the December 2012 issue of *Meat Science*, the official journal of the American Meat Science Association.

Kasey Maddock-Carlin, assistant professor of animal sciences; Vern Anderson, Extension research animal scientist; Wanda Keller, research specialist; Eric Berg, professor of animal sciences; and graduate students Breanne Ilse, James Magolski, Ashley Lepper and Christina Schwartz investigated the usefulness of raw meat surface characteristics in predicting cooked beef tenderness.

The article is titled "Predicting Beef Tenderness Using Color and Multispectral Image Texture Features."

Dean of libraries receives Highly Commended Article Award



Reid

Michele Reid, dean of libraries, received a 2012 Highly Commended Article Award at the Emerald Literati Network Awards for Excellence for her article, "Is the Balanced Scorecard Right for Academic Libraries?" published in volume 24 of the journal, *The Bottom Line: Managing Library Finances*. In her study, selected for the award by the journal's editorial board, Reid found the Balanced

Scorecard can be a useful approach in determining service value, in demonstrating fiscal responsibility and – through metrics focused on organizational goals and strategy – in validating a knowledge-based and networked institution's role in the delivery of a quality educational product.

Faculty win accounting case writing competition



Snyder

Three NDSU faculty members are the first place winners of the prestigious Institute of Management Accountants Educational Case Journal's Case Writing Competition. The journal is an online publication highlighting case studies and research relevant to accounting and business finance professionals and students.



Clifton

First place, which includes a cash prize of \$2,000, was awarded to Herbert Snyder, professor of accounting and information systems; James Clifton, assistant professor of accounting practice; and William "Bud" Bowlin, professor and head of the accounting, finance and information systems department, for their case titled "Alchemy – An Internal Auditing Case."



Bowlin

Bowlin also took third place and a \$500 award for his case, titled "Performance Measurement at Great Persons, Inc.: An Application of the Balanced Scorecard."

Snyder, Clifton and Bowlin donated their prize winnings to the department's scholarship fund.

The institute, commonly known as IMA, is one of the largest associations focused on advancing the management accounting profession. The organization supports research, continuing education, networking and advocacy of ethical business practices. It has more than 65,000 members in 120 countries.

"We congratulate this year's winners, which were selected from a field of excellent entries," said Raef Lawson, IMA vice president of research, professor-in-residence and journal editor. "The innovative and informative cases developed by these scholars cover topics reflecting the diverse skills required of management accounting practitioners."

Public health researcher presents at injury prevention conference

Andrea Huseth-Zosel, research associate in the Master of Public Health program, presented at the third North Dakota Conference on Injury Prevention and Control in Bismarck, N.D. The meeting's theme was "preventing and responding to injuries."

Huseth-Zosel presented on two of her recent studies related to child occupant protection research. They included "Proper Seat Placement of Children Aged 12 or Younger Within Vehicles: A Rural/Urban Comparison," that also was published in the journal *Traffic Injury Prevention*, and "Misinformation Contributing to Safety Issues in Vehicle Restraints for Children."

Program director to present at American Cancer Society panel



Warne

Donald Warne, director of NDSU's Master of Public Health Program, is scheduled to be a panel member at the American Cancer Society Cancer Action Network's event titled, "American Indian Health Equity and the Affordable Care Act." The presentation and panel discussion are set for Nov. 12 at 5 p.m. at Black Bear Crossings on the Lake near Como Park in St. Paul, Minn.

The keynote speaker will be U.S. Sen. Al Franken from Minnesota. Fellow guest panelist Dick Woodruff, vice president of the Cancer Action Network Federal Relations and Strategic Alliances, will join Warne.

According to a Cancer Action Network news release, improving access to quality affordable health care is critical to winning the fight against cancer. The focus of the event is to explore the impact of the Affordable Care Act on the American Indian community.

"Unfortunately, American Indians, particularly in our region, suffer from among the worst disparities in cancer incidence and deaths in the United States," Warne said. "As a member of the national board of directors of the American Cancer Society, I have focused much of my effort on ensuring that these disparities are a part of the national dialogue, and that we develop effective methods to improve outcomes. The event with Sen. Franken and the Cancer Action Network is an outstanding opportunity to increase awareness of these issues and to discuss ways to intervene effectively."

In addition, Warne presented and facilitated a breakout session at the first annual Native Health Career Student Development Conference at United Tribes Technical College Sept. 21 in Bismarck, N.D. He was joined by a panel of Native students in a variety of healthcare programs including pharmacy, occupational therapy, medicine, epidemiology and public health. Warne also facilitated the professional panel of Natives in Health and Academics.

He also recently attended the World Diabetes Congress in Berlin, Germany. The purpose of the meeting was to plan for the International Diabetes Federation Conference in Melbourne, Australia, scheduled for December 2013. Warne was selected as the representative for the indigenous people conference track for the conference and will be responsible for selecting and organizing the sessions related to indigenous people.

In addition to his duties at NDSU, Warne has served as a senior policy consultant for American Indian Health Management and Policy Inc. of Tempe, Ariz.; a senior policy adviser for the Great Plains Tribal Chairmen's Health Board in Rapid City, S.D.; and an adjunct clinical professor in the Indian Legal Program of the Sandra Day O'Connor College of Law at Arizona State University.

Warne earned a Master of Public Health from Harvard School of Public Health and a Doctor of Medicine at Stanford University School of Medicine.

Accounting faculty publish article

Jill Zuber, assistant professor of accounting, and Bonnie Klamm, professor of accounting, had their article, "Sales/Use Tax: Nexus and E-Commerce," accepted for publication in The CPA Journal.

The CPA Journal is a technical-refereed publication for financial professionals such as practitioners, educators and regulators. It covers areas of accounting, auditing, taxation, finance, management, technology and professional ethics.

ANNOUNCEMENTS

Deadline to order Commencement regalia nears

The deadline to order academic regalia for December Commencement is Friday, Oct. 26. An additional fee for expedited shipping will be charged if an order is received after the deadline. Faculty may purchase or rent academic regalia.

Individuals renting academic regalia should contact Jodi Askew at jodi.askew@ndsu.edu or 1-7428 to obtain the order form. Individuals interested in purchasing fine-quality academic regalia should contact Askew directly. Instructions for wearing the hood will be available when attire is picked up.

Rental prices are as follows:

Master gown, cap and tassel	\$26.99
Master hood	\$29.99
Total	\$56.98
Doctor gown, cap and tassel	\$31.99
Doctor hood	\$31.99
Total	\$63.98

Tapestry of Diverse Talents nominations sought

Nominations are sought for the Tapestry of Diverse Talents, a pictorial mosaic that recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU.

Each semester individuals are inducted into the tapestry. Inductees reflect the ages, classes, abilities, ethnicities, genders, races, regional differences, sexual orientations, beliefs and values of the university community.

All nomination materials must be received in the Student Activities Office on Friday, Nov. 16, by 1 p.m. The Tapestry Selection Committee reserves the right to request additional information.

The Tapestry of Diverse Talents is a Memorial Union program. For more information, visit www.ndsu.edu/mu/programs/civic_engagement/tapestry_of_diverse_talents or contact stephanie.gramlow@ndsu.edu.

Ergonomic Training Session scheduled for Oct. 25

The Safety Office has scheduled an Ergonomics Training Session on Thursday, Oct. 25, from noon to 1 p.m. in the Memorial Union Meadow room.

Attendees will learn about job-related risk factors and what can be done to do avoid related injuries. The presentation will address how to minimize awkward posture, avoid repetitive motion and control the amount of force applied to the body. Early detection of symptoms is the greatest defense and prevents unnecessary discomfort and pain.

For more information, contact Jolean Pederson at 1-9587 or jolean.pederson@ndsu.edu.

Memorial fund to support scholarship

A memorial scholarship fund has been established by the family of Colby Anderson, an NDSU student and member of the NDSU Rodeo Club who was killed in a Sept. 23 accident. Donations can be sent to Tate Eck, NDSU Dept. 7630, PO Box 6050, Fargo, ND, 58108-6050. Checks should be made out to the NDSU Rodeo Club.

Donations will go toward a scholarship fund for a student interested in bull riding, Anderson's particular area of interest, according to Eck, NDSU Rodeo Club coach and adviser.

NDSU honor society sells corn for agriculture scholarships

The Gamma Sigma Delta honor society for agriculture students has raised more than \$1,800 to go toward scholarships for its student members.

Approximately 25 society members and NDSU students planted, harvested and sold corn to raise money for the scholarships. The volunteers worked more than 160 hours for the project.

Monsanto Vegetable Seeds based in Nampa, Idaho, donated the corn seed to begin the process. The volunteers harvested the corn in the morning before the sun hit the crop. To provide the freshest corn possible, the corn was then immediately brought to a cold room where it remained until it was distributed to customers. One of the clients was NDSU Dining Service.

To qualify for scholarship nomination, undergraduate and graduate students must be Gamma Sigma Delta members. Nominations will be submitted and reviewed by a committee in January 2013. Honorees will be awarded during the 2013 spring semester.

NDSU's Gamma Sigma Delta chapter was installed in November 2005. The society began awarding recognition certificates to NDSU students in 2007 and began enhancing the awards with \$500 scholarships in 2010 after its first corn fundraiser. In addition, since its installation, the group has organized three summer North Dakota Agriculture Tours to the NDSU community and has sponsored a photo contest each fall since 2009.

New Employee Orientation rescheduled

New Employee Orientation has been rescheduled for Thursday, Nov. 29, in the Memorial Union Arikara room. It was previously scheduled for Thursday, Nov. 1.

Staff Senate, TRIO Programs selling raffle tickets for scholarships

NDSU Staff Senate and TRIO Programs are selling raffle tickets for scholarship funds. Tickets are \$5 each and there are 26 prizes available ranging in value from \$25 to \$395. Grand prize is a membership for Bluebird Gardens' 2013 growing season. Go to www.ndsu.edu/staff_senate/raffle for more information on the prizes.

All prizes were donated by area businesses, which means 100 percent of the raffle sales will go directly toward student scholarships.

Tickets are available from any staff senator or from the TRIO office on the third floor of Ceres hall. Staff Senate also will have tickets for sale every Friday from 9 a.m. to 2 p.m. at a contact table in the Memorial Union. Raffle sales will run until Oct. 26 or until tickets are sold out. Drawing of prize winners will be Nov. 2.

Registration opens for mental health training

The NDSU Counseling Center is scheduled to host training on mental health first aid Oct. 30-31 and Nov. 1-2 from 8 a.m. to 11 a.m. in the Memorial Union. The training is open to NDSU faculty, staff and students. Registration will be capped at 25 participants and there is a \$25 fee to cover the cost of materials.

To reserve a seat or find more information, call the NDSU Counseling Center at 1-7671.

The training program is a 12-hour interactive session that introduces participants to risk factors and warning signs of mental health problems, builds understanding of their impact and overviews common treatments. For more information on Mental Health First Aid, visit www.mentalhealthfirstaid.org.

Policy Updates

The following policies recently have been added or revised. To view the complete policy, go to www.ndsu.nodak.edu/policy.

Policy 103: Equal Opportunity/Affirmative Action Policy on the Announcement of Position Openings

Provides for changes to be made to allow for staff transfer/promotion process as outlined in NDSU Policy 240 and clarify EO/AA announcements processes.

Policy 170: Payment of Meals for Staff and Guests

This policy will now better match NDSU policy to State Board of Higher Education policy and procedures. Most significant change is the board's requirement to document the reasonableness of meal costs. Detailed examples will be available on the NDSU Accounting Office website.

Policy 171: Staff and Faculty Recruitment and Moving Expenses

This policy revises stipends or consultant fees issued to potential candidates. Reimbursement revised to reflect a salaries code. Recruitment travel expenses may be approved by department head/chair. Refer to NDSU Accounting Office website for detailed procedures for processing moving expense transactions.

Policy 350.1: Board Regulations on Academic Freedom and Tenure; Academic Appointments

This policy reflects a change in 1.13.ii regarding professorships of practice are not counted for the purposes of determining unit representation for University Governance.

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 of Technical Services and Business Development (re-posted)

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

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

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

Help Desk Consultant

Information Technology Services
Commensurate with experience
Open until filled

HPC Systems Administrator (two positions)

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

Research Assistant

Agribusiness and Applied Economics
Commensurate with experience
Open until filled

Assistant Potato Breeder/#00019268

Plant Sciences
\$45,000+/year
Open until filled

Research Specialist – Horticulture (located in Williston, N.D.)

Williston Research Extension Center
Commensurate with qualifications and experience
Nov. 12

Data Analyst

Distance and Continuing Education
\$42,000+/year
Open until filled

Research Specialist – Crop Production

Williston Research Extension Center
Based on qualifications and experience
Nov. 13

Research Specialist

Plant Sciences
\$30,000+/year
Oct. 26

Grant and Contract Officer/#00021061

Grant and Contract Accounting
\$50,000+/year
Oct. 24

Humanities Librarian/#00019299

Library
\$44,000+/year
Nov. 5

Custodian (4 a.m. and 5 a.m. start times)

Facilities Management
\$20,384/year
Open until filled

Custodian/#00020551

Dining Services
\$11.00+/hour
Oct. 16

PM Cook/#00021893

Dining Services
\$12.50+/hour
Oct. 25

Maintenance Worker/#00019601

Residence Life
\$32,000+/year
Oct. 18

CALENDAR

OCTOBER

15 Jazz Ensemble and Lab Band Concert: 7:30 p.m., Festival Concert Hall. Adults: \$5, students and seniors: \$2.

15 Plant Sciences Graduate Seminar:

3:30 p.m., Loftsgard Hall room 114, "Chemical Genetics: A Potential Approach to Improve Drought Resistance in Crops," Mona Mazaheri

16 Science, Religion and Lunch Seminar:

noon, Memorial Union Prairie room, "Why Christianity?" Grael Gannon, free and open to the public

16 Presidential Debate Watch: 7:45 p.m. to 10 p.m., Minard room 222. Peter Balega's Campaigns and Elections course will supply a national Twitter feed of commentary.

17 Donna Ross Presentations: noon, Memorial Union Arikara room, "Facing the Foibles of Gender: Encounters with the Silly Creatures;" and 7 p.m., Memorial Union Prairie Rose room, "Stories of My Second Lives: Intersection of Two Journeys"

17 Safe Zone Training: Level 1: Becoming a Safe Zone Ally: 2 p.m. to 3:30 p.m., Memorial Union Prairie room. Safe Zone Training: Level 2: Gender/Expression: 5 p.m. to 6:30 p.m., Memorial Union Mandan room

18 Catholic Mass: noon, St. Paul's Newman Center Chapel, hosted by Catholic students of NDSU

18 Our Pride Runs Campuswide Day: 2 p.m. to 4 p.m., Equity and Diversity Center

CALENDAR CONT.

19 Center for Writers Workshop: 10 a.m. to 11 a.m., Sudro Hall room 26, "Workplace Writing: Effective or Correct?" For more information, contact Karen Peirce at karen.peirce@ndsu.edu.

19 Chamber Winds Recital: 7:30 p.m., Beckwith Recital Hall. Free and open to the public.

19 Spirit Day: Gay and Lesbian Alliance Against Defamation encourages people to take a stand against bullying by wearing purple.

22 Plant Sciences Graduate Seminar: 3:30 p.m., Loftsgard Hall room 114, "Improvement of Crop Micronutrients to Reduce Human Malnutrition," Danqiong Huang and "Potential of *Thlaspi caerulescens* in Phytoremediation of Soils Contaminated with Heavy Metals," Kuhu Sahu

22 Presidential Debate Watch: 7:45 p.m. to 10 p.m., Minard room 222. Thomas Ambrosio and Nick Bauroth will provide political analysis.

22-25 Civil and Workplace Mediation Training: 8 a.m. to 5 p.m., Memorial Union Hidatsa room. For more information, visit <http://conflictresolution.und.edu>.

23 Science, Religion and Lunch Seminar: noon, Memorial Union Prairie room, "Medical Marijuana—Opposition in Application Rather Than in Theory – A Law Enforcement Perspective," Pat Claus, free and open to the public

24 Safe Zone Training: Level 3: Upstander: 2 p.m. to 3:30 p.m., Memorial Union Mandan room

25 Ergonomics Training Session: noon to 1 p.m. Memorial Union Meadow room. Contact Jolean Pederson at 1-9587 or jolean.pederson@ndsu.edu for more information.

25 Safe Zone Training 1: Becoming a Safe Zone Ally: 1:30 p.m. to 3 p.m., Memorial Union Prairie room. **Safe Zone Training 2: Gender Identity/Expression:** 4 p.m. to 5:30 p.m., Memorial Union Prairie room.

25 No Zebras – No Excuses, the Realities of Sexual Aggression: 3:30 p.m. to 4:30 p.m., Memorial Union Great Plains room. Steve Thompson, associate professor and sexual aggression services director at Central Michigan University, will address aspects of sexual aggression while focusing on what can be done to create a safer environment on campus.

25 Brass Chamber Night: 7:30 p.m., Beckwith Recital Hall. Free and open to the public.

25 iPhone, iPad, iTravel: Traveling Abroad Safely with Electronic Communication Devices: noon to 1 p.m., Memorial Union Hidatsa room. A panel discussion will highlight safety concerns and solutions faculty, staff and students can use when traveling abroad with mobile devices.

25 President's Diversity Series: 9 a.m., Memorial Union Century Theater, "Liberated from Fear: Living and Thriving While Being 'Out' on a College Campus," DeRionne Pollard, president of Montgomery College, Maryland

26 Pride Network Brown Bag Meeting: noon. For meeting location, contact ndsu.pridenetwork@ndsu.edu.

26 NDSU/UND Speed Networking: 3:30 p.m. to 5:30 p.m., Memorial Union Arikara room. Register at www.ndsu.edu/forward.

26 Harvest Bowl: Banquet begins with a social at 5 p.m. and dinner at 6 p.m., Ramada Plaza and Suites, Fargo.

27 Football vs. Southern Illinois: 2:30 p.m., Fargodome

27 Costume-Encouraged Ball: 9:30 p.m. to 1 a.m., Memorial Union Ballroom. Celebrate Halloween with the GayStraight+ Alliance.

29 Plant Sciences Graduate Seminar: 3:30 p.m., Loftsgard Hall room 114, "Obtaining Weed Control with Cover Crops in No-Till Organic Production," Bradley Bisek and "Glyphosate Resistance in Kentucky Bluegrass: A Curse or Blessing?" Xianwen Zhu

30 2012 Annual Diversity Conference: "Together Building Strength," register at www.ndsu.edu/diversity/diversity_community_calendar.

30-Nov. 2 Mental Health First Aid Training: 8 a.m. to 11 a.m., Memorial Union. For more information or to register, call the NDSU Counseling Center at 1-7671.

30 Safe Zone Training: Level 3: Upstander: 1:30 p.m. to 3 p.m., Memorial Union Mandan room

31 We're in this Together Panel: noon, Memorial Union Arikara room. Panelists reflect on their experiences sharing in a loved one's journey to come out.

31 Safe Zone Training: Level 2: Gender Identity/Expression: 1 p.m. to 2 p.m., Memorial Union Prairie room

NOVEMBER

1 Saxophone Quartets Recital: 7:30 p.m., Beckwith Recital Hall. Free and open to the public.

5 Center for Writers Workshop: 10 a.m. to 11:30 a.m., Memorial Union Meadow Lark room, "Write Well and Prosper: Science Writing Tips." For more information, contact Karen Peirce at karen.peirce@ndsu.edu.

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

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

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NDSU