

NDSU

VOLUME 3 ISSUE 22

IT'S HAPPENING AT STATE

NOVEMBER 30 2011

Published by the Office of the Vice President for University Relations.

First candidate for Information Technology VP presents

The first of three final candidates for the Vice President for Information Technology presented a campus open forum on Nov. 29 in the Memorial Union Century Theater. Mark Roman discussed "Information Technology in Higher Education: Where Are We Headed?"

Roman was formerly the president and chief executive officer of Canada's Advanced Research and Education Network and chief information officer of the University of Victoria, British Columbia. He met with NDSU officials Nov. 27-29.

The other candidates include Lisa Feldner, chief information officer for the Information Technology Department for the State of North Dakota, Bismarck, and Wendy Woodward, director for Technology Support Services at Northwestern University, Evanston, Ill. Their presentation schedules have not been finalized.

The selected candidate will succeed Bonnie Neas, who is set to retire Dec. 15.

General counsel candidates present open forums

Two candidates for NDSU's general council, J. Kelley Wiltbank and Abigail Byman, presented on Nov. 28 and 29 at campus open forums. The third candidate, Michael Murray, is scheduled to present on Thursday, Dec. 1, from 1:30 p.m. to 2:30 p.m. in the Memorial Union Century Theater. Everyone is welcome to attend.

The candidates' presentation topic is "Issues in Higher Education

Law that NDSU's General Counsel Needs to Address Within the Next 3-5 Years." Audience members can also ask questions.

For additional candidate information, contact the Vice President for Student Affairs Office at 1-7701 or jane.cumber@ndsu.edu. Rick Johnson, general counsel, is set to retire in May.

Nursing department receives grant to help diversify health care workforce

NDSU's Department of Nursing, in partnership with statewide organizations, received a four-year \$1.9 million research and evaluation grant to help American Indian people become health care professionals and North Dakota's health care workforce become more culturally diverse.

The department partnered with Cankdeska Cikana Community College, Mount Sinai Medical School, University of North Dakota College of Nursing Recruitment/Retention of American Indians into Nursing, North Dakota Area Health Education Center, North Dakota Center for Nursing and the North Dakota Department of Labor in a project titled "Sustaining Career Pathways for American Indian Health Professionals in ND: Building Apprenticeship and Workforce Options with the Next Steps Health Professions Opportunities Grant Project." The purpose will be to enhance future employment options and sustainability

of employment for Administration for Children and Families Next Steps program participants.

The ultimate outcome of this grant is to build a workforce that is culturally diverse and responsive to the significant health care needs of the American Indian population in North Dakota. Loretta Heuer, professor and principal investigator, indicated this grant will help build a sustainable career path for American Indian people to enter the professional health care workforce in North Dakota.

Molly Secor-Turner, assistant professor and co-investigator, said this is an exciting opportunity for the Department of Nursing. "We are looking forward to working in partnership with our statewide partners and tribal community college partners to better understand how to support a successful and culturally appropriate entry into nursing professions for Native American students," she said.

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 Dec. 15 It's Happening at State

The next electronic issue of It's Happening at State will be posted Dec. 15 at www.ndsu.edu/ihas. Submissions for that issue are due Dec. 12.

Donations sought for 4th annual NDSU Giving Tree

NDSU community members are invited to participate in providing gifts for children of NDSU students. If you would like to help provide gifts, visit the Office of Multicultural Programs or the Volunteer Network to pick a stocking by **Nov. 30**. Sponsors should drop off their gifts at either office by Dec. 2, so that parents can pick up their child's gift(s). Contact stephanie.stassen@my.ndsu.edu/1-1055 or sheila.watson@ndsu.edu/1-7383 for more information.

Bison Pride Week continues

NDSU students, faculty, staff, alumni and friends kicked off post-season play with Bison Pride Week, which started Nov. 28 and will go until Saturday, Dec. 3, to gear up for NDSU football and volleyball teams' playoff competition.

The Bison football team is the No. 2 seed in the NCAA Division I Football Championship Subdivision playoffs and will host the Eastern Kentucky-James Madison winner on Saturday, Dec. 3, at 3 p.m. at the Fargodome. The squad finished the regular season with a 10-1 record and spent time as the top team in the country.

Head football coach Craig Bohl is among 20 finalists for the 25th Eddie Robinson Award, which recognizes the coach of the year in the FCS. The Robinson Award is presented by The Sports Network and sponsored by Fathead.com, and the recipient will be announced at the national awards banquet on Jan. 6 in Frisco, Texas.

The Bison volleyball team won the Summit League tournament on Nov. 19 and advanced to its third NCAA tournament in four seasons. With a record of 26-8, NDSU will await the announcement of the 64-team NCAA tournament bracket on Sunday, Nov. 27. First and second round play will be Dec. 1-4 at campus sites to be determined.

Five NDSU volleyball players earned spots on the All-Summit League teams and two Bison earned individual awards. Senior Jennifer Lopez became the first player in league history to be named both Player of the Year and Setter of the Year, and Kari Thompson was named Coach of the Year.

Junior middle hitter Megan Lambertson joined Lopez on the All-Summit League first team, and senior middle hitter Chrissy Knuth and junior outside hitter Brynn Joki were named to the second team. Outside hitter Lauren Cammack was named to the All-Freshman Team.

Japanese artist to visit campus

Paul Lifton, associate professor of theatre arts, will direct the Theatre NDSU production of "Wokashi: A Program of Classic Kyogen Comedies," Feb. 23-26 and March 1-3, 2012. He has received funding from the North Dakota Council on the Arts, The Japan Foundation and the Japanese Consulate to invite kyogen artist Tokuro Miyake to the NDSU campus.

While on campus, Miyake will work with students, educating them about the Japanese comedic form of kyogen. Miyake became successor to her grandfather's (living national treasure ninth Tokuro Miyake) stage name in 1989, and was announced as the 10th Tokuro Miyake at the National Noh Theatre on May 21, 1989. Following her sister Junko, Miyake has appeared in many official public performances as one of the first female kyogen players in Japan.

The fanciful and earthly world of kyogen is people with dim-witted demons, talking animals, hen-pecked husbands with their domineering wives, and a host of other amusing and memorable character types. Theatre NDSU's production of this kyogen sampler will feature authentic traditional staging including costumes, masks and props. Tickets for "Wokashi" are on sale at www.ndsu.edu/finearts.

Staff Senate, students collaborate on collection for Minot



Students load donations into a van headed to Minot, N.D.

NDSU Staff Senate collected household items throughout October for people in Minot who lost their homes to flooding. They received enough donations from campus to fill a van with towels, silverware, bedding, pots and pans, and other goods.

Six NDSU students, along with Cole Davidson and Tim McCue, both hall directors and Staff Senate members, delivered the items to Minot State University on Nov. 3. The students made the delivery as part of the 40 hours of community service they are completing to go on the Beyond History Books trip to Washington, D.C., in March 2012.

"The Beyond History Books trip is a four-day experience where students will see firsthand the concepts of servant leadership, civic engagement and the democratic process," said McCue, who is organizing the trip with Davidson. "The trip to Minot was an opportunity for our students to give back to that community while taking a meaningful step toward their own goals of pre-trip service."

Davidson and McCue proposed students deliver the items after being involved in staff senate committee discussions about a collection for Minot flood victims. "We saw this as a great opportunity for collaboration," McCue said.

NDSU Staff Senate worked closely with colleagues at Minot State University to determine what Minot residents need most during this stage of recovery. "Hopefully, by providing these kinds of everyday items, we were able to help flood victims begin the slow process of bringing normalcy back to their lives," McCue said.

Student applicants sought for GraSUS-II fellows

Student applications are being accepted to fill two GraSUS-II fellow positions. GraSUS fellows work with science and math teachers and students in area middle and high schools.

Undergraduate students with a strong background in biological sciences are encouraged to apply. Consideration also will be given to students pursuing education degrees. Graduate students from any science, technology, engineering and mathematics field also should apply.

Criteria for the position include exemplary communication skills, strong academic record, good time management and a desire to share enthusiasm for the STEM disciplines with younger students in middle and high school. Daytime availability is required.

Stipends are provided to both graduate and undergraduate fellows, in addition to full tuition waivers for graduate fellows. Applications can be obtained from the GraSUS website at www.ndsu.edu/grasus.

The positions are immediate and will be filled by early December. Contact Kim McVicar at 701-793-5457 or kim.mcvicar@ndsu.edu for more information.

Folklore book by NDSU professor emeritus and alumnus wins award



Authors Troyd Geist (left) and Timothy Kloberdanz examine a handmade iron cross in North Dakota, one of many folklore topics discussed and illustrated in *"Sundogs and Sunflowers."*

The North Dakota Library Association selected *"Sundogs and Sunflowers: Folklore and Folk Art of the Northern Great Plains"* as their first-place choice for the association's "2011 Notable Document Award." The book was compiled and edited by Timothy J. Kloberdanz, professor emeritus of sociology and anthropology, and Troyd A. Geist, North Dakota Council on the Arts folklorist and NDSU alumnus.

Librarians from around the state voted on the award, which is presented annually by the association. *"Sundogs and Sunflowers"* will be sent to the American Library Association for consideration and voting at the national level. Their decision is expected in May 2012.

"We are delighted by this recognition," Kloberdanz said. "It indicates that the book is being well received by librarians and teachers, as well as readers of all backgrounds. Troyd and I view the book as a real team effort, since literally hundreds of people were involved in this compilation project at one stage or another. So yes, we are very pleased and we hope it also brings recognition to the rich heritage of North Dakota and the entire Northern Great Plains."

Copies of the full color, 350-page book are available at the NDSU Bookstore and other area bookstores. Visit www.nd.gov/arts/whatsnew/SundogsandSunflowers.html for more information about the book.

German-Russian childhood memories' radio program to air

Organizers of the Dakota Memories Oral History Project, in cooperation with Prairie Public Broadcasting, will air "A Holiday Special: German-Russian Childhood Memories" on Friday, Dec. 23, at 3 p.m. and 7 p.m.

Public interest in documenting and preserving German-Russian ethnic identity inspired the launch of the project in 2005. From 2005 to 2009, organizers traveled the Northern Plains, gathering stories and documenting family relationships and childhood memories of second and third generation Germans from Russia. Jessica Clark received the Germans from Russia History Doctoral Fellowship and coordinated the project.

The holiday special will include interviews from the project and scholarly commentary from Clark. The program features 21 narrators from the Northern Plains. Listeners will learn about memories such as William Adam Merkel Jr.'s recollection of real candles on Christmas trees and Elda (Schultz) Rasch's first experience with Christmas lights. Lyla (Pressler) Johnson will share memories of Christmas with her cousins, while Robert R. Gab will reminisce about Santa Claus keeping him and his siblings awake.

The NDSU Libraries' Germans from Russia Heritage Collection and Prairie Public provide major funding for the program. A CD of the holiday special is available for \$20. To order the CD, contact Acacia Stuckle, special collections associate, at 1-6596 or acacia.stuckle@ndsu.edu.

The program can be heard on North Dakota stations 90.5 FM in Bismarck, 89.9 FM in Dickinson, 91.7 FM in Devils Lake, 91.9 FM in Fargo, 89.3 FM in Grand Forks, 91.5 FM in Jamestown, 88.9 FM in Minot and 89.5 FM in Williston.

Contact the Germans from Russia Heritage Collection at 1-6596 or visit www.ndsu.edu/grhc/dakotamemories for more information.

Cankdeska Cikana Community College president visits NDSU

FORWARD sponsored a visit to NDSU by Cynthia Lindquist, president of Cankdeska Cikana Community College, Fort Totten, N.D., on Nov. 22.

Lindquist spoke at a pedagogical luncheon and with academic administrators about tribal colleges and universities in regard to their faculty, students, successes and challenges. Discussion focused on opportunities for improved collaboration with tribal colleges and universities, shared faculty programs and the enrollment of tribal colleges and universities students to institutions such as NDSU.

For information on upcoming FORWARD sponsored events, visit www.ndsu.edu/FORWARD.

NDSU holds agricultural outlook conference for lenders

The Department of Agribusiness and Applied Economics recently completed the Outlook Conference for Agricultural Lenders held in Fargo, Grand Forks, Minot and Bismarck. More than 300 lenders from locally owned, regional and national banks and from Farm Credit Services, credit unions and the Farm Service Agency attended the conferences.

The cornerstone of the annual conference is the crop market outlook by Frayne Olson, assistant professor and crops economist in the agribusiness and applied economics department, and the livestock market outlook by Tim Petry, associate professor and livestock economist in the agribusiness and applied economics department. Olson also held a session in which he explained contracts used by buyers to procure grain from producers and highlighted the importance of understanding several provisions.

Presentations were made on the U.S. economic outlook, North Dakota farm financial performance, trends in crop land values and rents, evaluation of crop land rental contracts and the economic impact to North Dakota of 5.6 million acres of prevented planting in 2011.

There were sessions on federal farm programs, including updates on the Average Crop Revenue Election Program, Supplemental Revenue Assistance Payments Program and Conservation Reserve Program. The impact of the Budget Control Act of 2011 on federal farm programs also was presented.

The purpose of the conference is to help agricultural lenders better understand the changing economic environment in which farmers and ranchers operate. It helps lenders to stay current on the breadth of issues affecting their customers such as commodity markets, cost of production, government policy and trends in agriculture.

This was the 21st year that the conference has been held. It began in 1991 in Carrington with 29 lenders and has grown to four locations with total attendance exceeding 300.

NDSU releases range monitoring video

The NDSU Extension Service and Hettinger Research Extension Center have teamed up to produce the video, "The Importance of Range Monitoring."

"Rangelands are the fundamental base of our livestock industry throughout the world and also critical to wildlife habitat," said Kevin Sedivec, NDSU Extension Service rangeland specialist. "Monitoring rangeland is critical for producers to understand where they are, where they have been and where they are going."

The video points out that healthy rangelands provide a variety of benefits, including forage for livestock, habitat for wildlife, water storage and filtration, and soil erosion protection. Healthy rangelands also provide recreational possibilities, such as horseback riding, mountain bike riding, hunting, fishing and bird watching.

The video offers tips on managing rangelands and determining if goals are being met.

The video is available at several websites:

- www.youtube.com/watch?v=2PD548sW6OU
- www.ag.ndsu.edu/HettingerREC/range-wildlife
- www.youtube.com/watch?v=wYsw7oAitXY

Students design alternatives to Red River diversion



Student's rendering

Fifth-year landscape architecture students designed alternative solutions to address flooding and created a public exhibit titled "Landscape Interventions for the Red River Basin" to showcase their work.

The collection of 30 large-scale projects addresses social and ecological issues in ecosystems prone to flooding and drought.

The Red River Basin, the land that drains into the Red River, extends from Lake Traverse in South Dakota to Lake Winnipeg in Manitoba. It contains more than 28 million acres of land, which ultimately contributes to issues of flooding and drought. Much of the basin was formed by glacial Lake Agassiz.

Each project inventoried a separate one million acres, from the Turtle Mountains in the west past Detroit Lakes in the east, to determine the most urgent programs that could be implemented basin-wide.

Design proposals include basin-wide flood flow reduction strategies, alternatives to flood diversions, constructed wetlands, settlement basins, habitat restoration, cultural and educational facilities, eco-tourism and recreational facilities and eco-system services as solutions. A scaled contour model of the entire basin will help visitors to frame the context of the smallness of our cities in comparison to the Red River Basin.

"This project was assigned to students to challenge them to find the most urgent issues in the Red River Basin (such as flooding and drought in relation to water, people and habitat) via geographic systems mapping and modeling," said Dominic Fischer, landscape architecture adjunct faculty member and instructor for the course. "Seen as one of our responsibilities of a land-grant university, students engaged in this project to both research basin-wide water issues, and to propose alternative design solutions to issues currently on the mind of the public."

Fischer hopes the project will give students a new ecological lens to view future design work in the field of landscape architecture and realize the complex web of solutions each design problem poses.

"Landscape Interventions for the Red River Basin" will be displayed until Dec. 2 at the Red Raven Espresso Parlor, 916 Main Ave., Fargo.

Visit www.ndsu.edu/news/view/article/13011 for more information.

New student organization focuses on sustainable building

A new student organization is available for NDSU students interested in sustainable design and living. The U.S. Green Building Council at NDSU is a way for students from all majors to learn about green building techniques and related topics through service initiatives. They can also prepare for professional registration in the U.S. Green Building Council's Leadership in Energy and Environmental Design certification process.

The student group, which officially formed in October 2011, already has about 40 members representing students majoring in biology, natural resources management, architecture, landscape architecture, interior design, engineering and construction management.

The organization meets monthly and has planned several activities, including a group tour of Microsoft's "green" buildings, LEED study groups, an opportunity to work with Habitat for Humanity and educational programs about the importance of energy and water conservation through the Campus Conservation Nationals program.

"The USGBC is fast becoming a valuable asset for our students as public awareness of the importance of building 'green' increases. In this respect, this organization will effectively bridge between the academic and professional worlds," said David Crutchfield, assistant professor of architecture and the group's faculty adviser. "It is fascinating for me to see just how passionate and enthusiastic the students are about this initiative, and how fast connections are being made with other student groups. The students really want this to happen. The demand is definitely there."

He said the Fargo-Moorhead professional chapter of The U.S. Green Building Council is very supportive and has been active in assisting the new organization. "NDSU alumni and other emerging professionals who have passed the LEED exam are attending some of the meetings and have invited student chapter members to attend theirs. It is becoming a terrific networking opportunity for all involved," he said.

Crutchfield also said the new chapter is the direct result of student interest and initiative. "In the past, students have asked me individually about preparing for LEED certification, but this fall Emma Wey (a fourth-year architecture student) approached me with the idea of joining other universities in forming a student chapter at NDSU," he said.

Wey got involved with a professional chapter the previous year and felt more NDSU students could benefit. She mentioned the idea of a student chapter to Crutchfield and it grew from there.

"I hope the group will be able to educate students and the community about the importance of sustainable buildings, ultimately making a difference in the design, construction and operation of future development," Wey said. "The organization is already providing students with the ability to take their ideas and make them a reality, and have fun while doing it."

For more information on the U.S. Green Building Council at NDSU, contact Crutchfield at david.crutchfield@ndsu.edu or 1-7316, Wey at emma.wey@my.ndsu.edu or visit www.facebook.com/pages/US-Green-Building-Council-North-Dakota-State-University-Chapter/165418756883253?v=info.

Music students place first in competitions

The NDSU Gold Star Saxophone Quartet recently placed first in the North Dakota round of the Music Teacher's National Association Collegiate Chamber Music Competition. Matthew Patnode directs the ensemble, which includes:

- Michael Bartunek, a senior majoring in music education from Grafton, N.D.
- Jon Ellwein, a senior double majoring in music and agriculture from Hazen, N.D.
- Christopher Schuster, a senior majoring in music education from Fargo
- Antoine Poitras, a senior majoring in music education from Fargo

The Gold Star Saxophone Quartet will compete in the Midwest Central Division Competition scheduled for January 2012 at the University of Colorado-Boulder. If they place first, they will proceed to the national finals, which will be held in New York City in March 2012. In 2003 and 2006, two NDSU saxophone quartets proceeded to the national round of competition. The quartet placed third in 2006.

Additionally, Carolyn Braus, a junior majoring in instrumental performance from Bismarck, N.D., saxophone, placed first in the North Dakota round of the Music Teacher's National Association Young Artist Woodwind Competition. The solo competition is for woodwind musicians between the ages of 19 and 26. Braus, who studies with Patnode, will compete at the regional level in January 2012 at the University of Colorado-Boulder.

NDSU business student honored for success at sales competition

NDSU senior Jesse Maier was honored as a "school champion" during the fifth University of Wisconsin-Eau Claire Great Northwoods Sales Warm-Up, held Nov. 10-12. Maier, a business administration major from Bismarck, N.D., was recognized as the highest scoring individual from NDSU in the competition.

The Northwoods Sales Warm-Up, which attracted students from 16 schools in nine states, is described as a "development event that will warm up student interest in sales as a profession." During the competition, students deliver two, 20-minute sales presentations to a buyer, which are evaluated by a panel of sales professionals who view presentations via cablecast at another location.

Mike Krush, assistant professor of marketing, was the NDSU team coach. He said three students from the NDSU College of Business participated in the event – Maier, April Ausk-Nesemeier and Ryan Veldman.

"When the students weren't competing, they connected with corporate sponsors and recruiters at the career fair, and attended a series of professional development workshops," Krush said. "This is the second year that NDSU has participated."

Maier received a trophy and \$150. More information on the competition is available at www.uwec.edu/cob/sales.

RESEARCH

NDSU partners on new flare gas to fertilizer initiative

NDSU's Department of Agribusiness and Applied Economics is leading a new research initiative that seeks to evaluate the commercial feasibility of utilizing flare gas from the expanding western Bakken oilfield to produce anhydrous fertilizer. Funding for the \$99,460 project comes from Agricultural Products Utilization Council (\$59,960) and the North Dakota Corn Growers (\$39,500). NDSU project leaders are Cole Gustafson, Greg McKee, David Saxowsky, Thein Maung and David Ripplinger.

Gustafson states the project presents a unique opportunity for North Dakota as both flare gas volumes and demand for nitrogen fertilizer increase. There are two main challenges in commercializing this opportunity – can flare gas from remote oil wells be economically collected? And are smaller scale commercial fertilizer production plants viable?

The University of North Dakota's Energy and Environmental Research Center is going to assist with answering the second question by designing three alternative sized fertilizer plants that can be used in the economic feasibility analysis.

Project leaders say North Dakota agriculture will ultimately derive three benefits from the project. First is a new low cost source of nitrogen fertilizer. The existing fertilizer industry is highly concentrated with only a few international suppliers. A second benefit will be a more stable local supply of fertilizer. Fertilizer supplies in the past have been highly variable and producers at times have had difficulty obtaining sufficient supplies.

The use of flare gas, which is a recycled product, also will provide farmers with a renewable fertilizer product. Renewable fertilizer is in high demand from consumers who seek food products with a lower carbon footprint, the livestock industry that wants greater availability of renewable feeds and the production of renewable fuels. Use of a renewable fertilizer in corn production results in biofuels that have a lower carbon footprint. Biofuels with lower carbon footprints lead to significant market premiums in petroleum markets.

PEOPLE

Bohl named Coach of the Year



Bohl

NDSU head football coach Craig Bohl was named the 2011 Missouri Valley Football Conference Coach of the Year by vote of conference coaches, media and sports information directors.

A finalist for the Eddie Robinson Award, Bohl led the Bison to a conference co-championship, 10-1 overall record, and a No. 2 overall seed in this year's NCAA Division I Football Championship.

NDSU spent all 12 weeks ranked in the Top 8 nationally, and achieved a No. 1 ranking for two weeks. He was the 2006 Great West Football Conference Coach of the Year.

For more information, visit www.valley-football.org/news/default/2011-12/5638/missouri-valley-announces-specialty-award-winners.

Plant sciences department head named



Horsley

Richard Horsley has been appointed head of NDSU's Department of Plant Sciences. He has served as interim head since July 2010.

"Dr. Horsley brings a number of very positive skills and tremendous experience to the position," said Ken Grafton, NDSU's interim vice president for Agriculture and University Extension, director of the North Dakota Agricultural Experiment Station and dean of the College of Agriculture, Food Systems, and Natural Resources. "He will provide excellent leadership to ensure the department continues to move forward."

Horsley has been the NDSU six-rowed barley breeder in the plant sciences department since July 1988. He also has been responsible for the two-rowed barley breeding program since 2006 after Jerry Franckowiak retired.

Horsley earned a bachelor's degree in agronomy from the University of Minnesota in 1983, and master's degree in agronomy in 1985 and doctorate in crop and weed sciences (plant breeding) from NDSU in 1988.

His research has concentrated on release and development of six-rowed and two-rowed malting barley cultivars acceptable to barley producers in North Dakota and the malting and brewing industries. Horsley's research also works to identify genes affecting economically important traits by using molecular mapping techniques.

He is a member of the American Society of Agronomy, Crop Science Society of America and American Society of Brewing Chemists.

Horsley will continue to oversee the barley breeding program during his term as head of the department.

Development Foundation and Alumni Association appoint staff



Peterson

The NDSU Development Foundation and Alumni Association welcome two new staff members.

Allyson Peterson, certified public accountant, accepted the position of senior accountant. Peterson graduated from NDSU with a bachelor's degree in accounting. Formerly, Peterson worked at Eide Bailly LLP as an audit senior associate. Peterson and her husband, Brian, live in Fargo.



Mack

Nonda Mack has been named administrative assistant and receptionist. A University of North Dakota graduate with a bachelor's degree in recreation and leisure services, Mack has extensive administrative and customer service experience. She lives in Fargo with her two sons, Travis and Kyle.

Littlefield to receive Blue Key award



Littlefield

The NDSU chapter of the Blue Key National Honor Society will honor Robert Littlefield, professor of communication, with the 2011 NDSU Distinguished Educator Award. He will receive the recognition during a ceremony Thursday, Dec. 8, at 5:30 p.m. in the Memorial Union Plains room.

Blue Key annually honors an outstanding NDSU educator for their extra interest in students and their programs, education and field of expertise. Presented annually since 1969, the honor is one of the highest awards given by NDSU students.

"Dr. Littlefield has a distinguished record of service to the university, made significant contributions to the field of communication and has an unparalleled level of commitment to students. Blue Key seeks to recognize those educators like Dr. Littlefield for all they do," said Cory Loveless, a Blue Key member.

Littlefield, who is in his 34th year on campus, earned his bachelor's degree from Minnesota State University Moorhead, master's degree in speech at NDSU and doctorate in speech communication and political science from the University of Minnesota.

In addition to teaching, Littlefield directs the Risk+Crises Communication Project, collaborating with the National Center for Food Protection and Defense of the U.S. Department of Homeland Security and the NDSU Great Plains Institute of Food Safety.

A member of the Hall of Fame of the Pi Kappa Delta National Forensic Honorary, Littlefield has received the President's Leadership Medal from Lions Clubs International. In addition, he received the Wayne Brockreide Award for Research from the American Forensic Association, Ralph E. Carey Award for Distinguished Career Service and Double Diamond Coach Award from the National Forensic League. He received the Outstanding Educator Award from the NDSU College of Arts, Humanities and Social Sciences and was twice named the Debate Coach of the Year by the North Dakota Speech and Theatre Association.

Littlefield was installed as a district governor at the 93rd Lions Clubs International Convention in 2010 and serves as council chair for Multiple District 5, including North Dakota, South Dakota and Saskatchewan. He is the faculty adviser for the NDSU-Fargo Campus Lions Club, and the Lincoln Speech and Debate Society.

The Blue Key National Honor Society was founded in 1927 and includes 125 chapters across the United States. The NDSU Blue Key chapter has been actively involved on campus since 1930. Through the award, the chapter recognizes a member of the NDSU faculty who has had a positive impact on students and community members in their pursuit of educational endeavors.

NDSU student receives Army promotion to major



Maj. Zabaldano (left) and Lt. Col. Matt Shatzkin

Joseph Zabaldano, a graduate student in the managerial logistics program, was promoted to the rank of major in the U.S. Army on Nov. 17. The promotion ceremony was conducted at NDSU by Lt. Col. Matt Shatzkin and Capt. Josh Smith published the orders.

Zabaldano entered the Army in May 2002. He was promoted to first lieutenant in 2003 and to captain in 2005, during ceremonies conducted in Iraq and Afghanistan, respectively.

The promotion to major was especially important to Zabaldano because it is the first promotion where his family has been present. His brother, John Zabaldano, pinned the rank of major on him.

Zabaldano said his experiences in the managerial logistics program will help prepare him for the greater responsibilities of being a field officer, and has honed his logistical skills that are vital to an officer in his position.

EVENTS

Farewell event planned for NDSU Extension Service director



Hauck

A retirement reception is planned for Duane Hauck, director of the NDSU Extension Service, on Thursday, Dec. 8, from 2 p.m. to 4 p.m. at the NDSU Alumni Center. A brief program will begin at 2:30 p.m.

Hauck has devoted his entire career to the NDSU Extension Service, beginning as assistant agent in Stutsman County in 1976 and ending as Extension director, a position he's held since 2004. He plans to retire on Dec. 30.

The NDSU community is invited to join Hauck and his family for the event. Individuals who cannot attend can send best wishes to duane.hauck@ndsu.edu.

FORWARD pedagogical luncheon scheduled

The faculty is invited to a pedagogical luncheon Thursday, Dec. 8, from 11:30 a.m. to 1 p.m. in the Memorial Union Great Room.

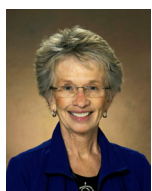
During the luncheon, Margaret Price, associate professor of writing at Spelman College, Atlanta, will give a presentation on universal access. Price teaches rhetoric and composition specializing in disability studies and creative nonfiction.

In her book, "Mad at School: Rhetorics of Mental Disability and Academic Life," Price argues for ways academia could be re-designed to become more accessible for people with disabilities of all kinds, including mental disabilities. She has given plenary talks and addresses at numerous conferences and enjoys visiting campuses to talk about access from perspectives of gender, race, disability, class and discipline.

Price also will present an academic administrators workshop on collegiality, productivity and working with faculty with disabilities from 9 a.m. to 11 a.m. in the Memorial Union Room of Nations.

NDSU FORWARD is sponsoring Price's visit. The Pedagogical Luncheon series is sponsored by the Office of the Provost. To register for the events, visit www.ndsu.edu/FORWARD.

Open house farewell reception planned for Bonnie Neas



Neas

An open house farewell reception for Bonnie Neas, vice president for information technology, is scheduled for Tuesday, Dec. 13, from 2 p.m. to 4:30 p.m. in the Memorial Union Great Room. A brief program with remarks from President Dean L. Bresciani and Provost Bruce Rafert will begin at 2:30 p.m.

Members of the university community are invited to join Neas and her family during this farewell event. Individuals who cannot attend can send their best wishes to bonnie.neas@ndsu.edu.

Elements of wine to be explored during Science Cafe



Cook

Little-known facts about wine will be revealed during the December Science Café. Gregory Cook, professor and chair of chemistry, will present "Deconstructing Wine from a Chemist's Perspective," on Tuesday, Dec. 13, from 7 p.m. to 8:30 p.m., in Stokers Basement, Hotel Donaldson.

Cook said consumption of wine in the U.S. has risen steadily for at least the past 15 years. This has been spurred partly by recent news reports touting the health benefits of wine. From heart disease to cancer to Alzheimer's, wine seems to be a magic elixir to cure all. But what is wine and is it as healthy as we are told?

During the presentation, Cook will describe how wine is produced, what antioxidants are and how to tell if wine is corked. He also will tell attendees where the vanilla flavor in wine comes from and discuss if wine can prevent cancer.

Attendees must be 21 or older or accompanied by a parent or guardian. Contact Keri Drinka at keri.drinka@ndsu.edu or 1-6131 or visit earth.physics.ndsu.nodak.edu for more information.

Art exhibit features student's multiple identities



A sampling of Beauchene's work, which will be displayed Dec. 1 through Jan. 10 in the Memorial Union Gallery

For one year, Travis Beauchene, a visual arts baccalaureate student, continually changed his outward appearance, including his hair color, facial hair and clothing, and created distinct personality types to explore how people would react. In the process, the observer became a participant who affected Beauchene and his work. The result is a

show that explores society, communication and psychology, as well as many forms of artistic expression – visual, auditory and sensory.

The Memorial Union Gallery will feature Beauchene's interdisciplinary, multimedia work Dec. 1 through Jan. 10, 2012. It will include a written nonfictional self-narrative, 137 paintings, two charcoal portraits, three photo performances, five videos and one live "happening." A reception is scheduled for Dec. 1 from 5 p.m. to 7 p.m. and includes a musical performance composed by Beauchene.

"It is truly a show that has a component of interest for each person as the entire exhibit experience is designed by Beauchene to take the viewer through his year-long endeavor as a process of the experience as a whole," said Amy Nash, graduate assistant for visual arts and the Memorial Union Gallery.

Throughout his undergraduate career, Beauchene also has been a long-time employee of the Memorial Union Gallery, helping hang and maintain artwork on campus. "As people take note of the pieces throughout the campus and throughout the Memorial Union, it should be recognized that Beauchene was a key component in making such works available in a quality manner to enhance the visual arts throughout NDSU," said Esther Hockett, director of the Memorial Union Gallery.

The Memorial Union Gallery is on the second floor of the Memorial Union directly above the Bookstore. Gallery hours are Tuesday through Friday, 11 a.m. to 5 p.m., Thursday evening hours are extended to 8 p.m. and Saturday, 11 a.m. to 5 p.m. For more information about this show or the Memorial Union Gallery, contact Hockett at esther.hockett@ndsu.edu or Nash at amy.l.nash@ndsu.edu.

Calving preparation short courses set

Beef producers will have two opportunities in December to learn how to prepare their herd for calving and assess difficult births.

The NDSU Extension Service's "Preparin' for Calvin' in 2012" short courses also will educate producers on what they can do to assist cows having trouble giving birth and when to get veterinary help.

The short courses are scheduled for Dec. 13 at the Grant County Fairgrounds in Carson, N.D., and Dec. 14 at Napoleon Livestock in Napoleon, N.D. Both courses will start at 9:30 a.m. local time and end with a question-and-answer session at 2:45 p.m.

The cost is \$30 per person or \$50 for two people from the same operation if paid by Dec. 2. The cost is \$40 per person or \$70 for two people from the same organization if paid after that date. The fee includes lunch, breaks and program materials.

Speakers for the short courses are an NDSU Extension beef cattle specialist, Extension agents and other calving experts.

The NDSU Extension offices in Emmons, Grant, Logan, Morton and Sioux Counties are sponsoring the short courses.

To register online, go to www.ndsu.edu/cattledocs. For more information, contact Grant/Sioux County Extension agent Jorey Dahners at 701-622-3470 or jorey.dahners@ndsu.edu or Logan County Extension agent Sheldon Gerhardt at 701-754-2504 or sheldon.gerhardt@ndsu.edu.

PUBLICATIONS/PRESENTATIONS

Fine arts faculty present, publish and perform

Several Division of Fine Arts faculty recently performed, presented and published work.

Kim Bromley, professor of painting and drawing, was invited to present at the Southeastern College Art Annual Conference, Nov. 9-12 in Savannah, Ga. He discussed his paper, "Hypnosis: A Creativity Enhancement Tool." The purpose of the conference was to present a diverse array of working methods and viewpoints regarding visual arts in higher education. Bromley received support to attend the conference from the North Dakota Council on the Arts.

Douglas Monroe, assistant professor of clarinet, was the featured soloist for the American premiere of Benjamin Britten's Movements for a Clarinet Concerto with the Grand Forks (N.D.) Symphony Orchestra. Composer Britten wrote this incomplete concerto for Benny Goodman in 1939, and Colin Matthews completed the work two years ago. It was first performed and recorded in England in 2010.

An article by Virginia Sublett, professor of voice, was published in the College Music Society's College Music Symposium. Titled "Pierrot Lunaire at 95: Schoenberg's Music Hybrid and Twentieth-Century Vocal Chamber Music," it comprises the contents of a paper Sublett delivered at the national convention of the College Music Society in 2007. Her article was included in the publication at the request of the editor.

Warren Olfert, associate professor and director of bands, adjudicated at two marching band contests in October – the Mountain West Invitational Marching Contest at Idaho State University in Pocatello and the Kentucky State Marching Contest at Western Kentucky University in Bowling Green.

Assistant professor presents at management conference



Lehmborg

Derek Lehmborg, assistant professor of management, presented his paper, "The Role of Adjacent Markets in Technological Development and Adoption: The Case of LCD TV," at the Strategic Management Society's annual conference in Miami in November.

The paper, which he co-wrote with Charles Dhanaraj of Indiana University, is part of Lehmborg's research on the flat panel display and television industries. Lehmborg's other recent contributions include two case studies, "Sharp Corporation: Beyond Japan" and "Pioneer Corporation: The NEC Plasma Opportunity," both published in 2011 by Ivey Case Publishing.

Assistant professor presents on teen emergency preparedness



Cwiak

Carol Cwiak, assistant professor of emergency management, was an invited speaker to the eighth annual Summit on Emergency and Disaster Planning for Colleges, Universities and K-12 Schools in Toronto.

Cwiak spoke about the value of educating teens on basic preparedness and response behaviors through a Federal Emergency Management Agency sponsored program called Teen Community Emergency Response Teams. NDSU's Department of Emergency Management has partnered with community organizations, local emergency management professionals, area first responders and local schools to offer the program in area schools since 2009.

"Teen CERT is valuable because it empowers youth to care for themselves, their families and others in the event of an emergency or disaster event; creates a resource at the school that can assist with basic response needs in the case of an event; and changes the face of the citizenry into the future by creating a better-informed public that owns and is able to better manage its own risk," Cwiak said.

NDSU's Department of Emergency Management played a key role in the delivery of the first Teen Community Emergency Response Teams pilot program in North Dakota at West Fargo High School in 2009. Since that time, hundreds of area teens have participated in the program's offerings on their campuses. The Department of Emergency Management supports the program by supplying knowledgeable interns who help manage and facilitate the program.

Researchers to publish paper in *Molecular Cancer* journal

Erxi Wu, assistant professor of pharmaceutical sciences, and Fengfei Wang, research associate in pharmaceutical sciences, co-wrote the article, "B2-adrenoceptor blockage induces G1/S phase arrest and apoptosis in pancreatic cancer cells via Ras/Akt/NFkB pathway," which will be published by *Molecular Cancer*.

According to the authors, pancreatic cancer risk factors, smoking and stress, stimulate nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and catecholamines production respectively. Nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and catecholamine bind the B-adrenoceptors and induce pancreatic cancer cell proliferation; and they have previously indicated that B-adrenergic antagonists may suppress proliferation and invasion and stimulate apoptosis in pancreatic cancer. To clarify the mechanism of apoptosis induced by B2-adrenergic antagonist, they hypothesize that blockage of the B2-adrenoceptor could induce G1/S phase arrest and apoptosis and Ras may be a key player in pancreatic cancer cells.

Their results showed that the B1 and B2-adrenoceptor proteins were detected on the cell surface of pancreatic cancer cells from pancreatic carcinoma specimen samples by Immunohistochemistry. The B2-adrenergic antagonist ICI118,551 significantly induced G1/S phase arrest and apoptosis compared with the B1-adrenergic antagonist metoprolol, which was determined by the flow cytometry assay. B2-adrenergic antagonist therapy significantly suppressed the expression of extracellular signal-regulated kinase, Akt, Bcl-2, cyclin D1 and cyclin E and induced the activation of caspase-3, caspase-9 and Bax by Western blotting. Additionally, the B2-adrenergic antagonist reduced the activation of NFkB in vitro cultured pancreatic cancer cells.

"The blockage of B2-adrenoceptor markedly induced pancreatic cancer cells to arrest at G1/S phase and consequently resulted in cell death, which is possibly due to that the blockage of B2-adrenoceptor inhibited NFkB, extracellular signal-regulated kinase and Akt pathways. Therefore, their upstream molecule Ras may be a key factor in the B2-adrenoceptor antagonist induced G1/S phase arrest and apoptosis in pancreatic cancer cells. The new pathway discovered in this study may provide an effective therapeutic strategy for pancreatic cancer," Wu said. Collaborator for this paper is Ma lab at Xi'an Jiaotong University, China. "We have established a productive collaboration with the Ma lab in finding cancer therapeutics and elucidating the mechanisms of the targeted therapy for pancreatic cancer, one of the most lethal malignancies," Wu said.

To view the article, visit www.molecular-cancer.com/content/10/1/146/abstract.

Molecular Cancer is an open access, peer-reviewed online journal interested in attracting high-quality original research and reviews that present or highlight significant advances in all areas of cancer and related biomedical science. For more information on the journal, visit www.molecular-cancer.com.

For more information on Wu and his research, visit www.ndsu.edu/pharmsci/faculty_staff/erxi_wu.

English professor delivers paper at communication conference



Maylath

Bruce Maylath, professor of English, delivered the paper "Responding to Field Convergence: Updating Curricula and Programs as the Roles of Technical Communicators and Technical Translators Merge" at the 2011 meeting of the Council for Programs in Technical and Scientific Communication.

The conference was hosted by James Madison University in Harrisonburg, Va., Oct. 6-8. A past president of the council, Maylath also moderated the meeting's program administrators' roundtable and chaired its Distinguished Service Award Committee.

Graduate student receives best student poster award



Rozario

Papia F. Rozario, doctoral student in the environmental and conservation science program, received the best student poster award and a \$500 stipend for her research presentation, "Impact of Forest Cover Dynamics on Water Quality of Missouri Watershed Region," at the 14th World Lake Conference, Oct. 31-Nov. 4 in Austin, Texas.

River Systems Institute based at Texas State University and the International Lake Environment Committee Foundation organized the conference.

The first World Lake Conference was held in 1984 at Lake Biwa in Shiga Prefecture, Japan. Since then, it has been held biennially in wide-ranging locations, including the United States, Hungary, China, Italy, Japan, Argentina, Denmark, Kenya and India. Established in 1986 as an international non-governmental organization collaborating with the United Nations Environment Programme, the International Lake Environment Committee worked with host organizations in these countries and promoted scientific approaches in lake basin management, particularly for improving the state of lake environments in developing countries. Project agencies/organizations involved with the conference include Global Environment Facility, International Lake Environment Committee Foundation, LakeNet, Ramsar Convention on Wetlands, Shiga Prefectural Government, United Nations Development Programme, The World Bank and U.S. Agency for International Development.

Rozario's research paper also will be published in the International Lake Environment Committee Foundation's peer-reviewed journal, "Lakes and Reservoirs: Research and Management." She co-wrote the paper with her adviser Peter G. Oduor, associate professor of geosciences, and Larry Kotchman, North Dakota State Forester.

SHORTS AND REMINDERS

Positions available

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

Director, International Programs

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

Software Engineer

CNSE
Commensurate w/experience
Open until filled

Physician

Student Health Services
Commensurate w/experience
Open until filled

HPC Systems Administrator

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

**Nutritional Research Specialist/
#00020244**

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

Nutrition Laboratory Technician

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

Mid-Level Practitioner NP/PA

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

Staff Writer/#00025229

University Relations
Commensurate w/experience
Open until filled

**Ruminant Nutrition Physiology Technician/
#00020240**

Animal Sciences
\$20,500+/year
Open until filled

Research Specialist/#00020395

North Central Research Extension Center
Commensurate w/experience
Dec. 2

**Coordinator, Advising Resource
Center (ARC)**

Distance and Continuing Education/
University Studies
\$38,000+/year
Dec. 5

Food Technologist

Northern Crops Institute
Commensurate w/experience
Nov. 30

Technical Director

Northern Crops Institute
Commensurate w/experience
Feb. 1, 2012

P.M. Cook (Noon - 8:30 p.m.)

Dining Services
\$12.50+/hour
Open until filled

**Nutrition Education Assistant, FNP –
Fort Berthold**

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

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

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

Buyer

Purchasing
\$36,000+/year
Dec. 2

Teacher Technician

Human Development and Education
\$24,000+/year
Dec. 5

**Administrative Secretary, Fort Berthold
Extension Office**

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

Administrative Coordinator

Chemistry and Biochemistry
\$35,000+/year
Open until filled

Program Assistant

Allied Sciences
\$33,000+/year
Nov. 30

CALENDAR

NOVEMBER

30 **Brown Bag Seminar** – “The Real HR Professionals of Fargo-Moorhead,” panel – Noon to 1 p.m., Memorial Union Arikara room.

30-Dec. 21 **1,000 Wishes for Japan** – 1 p.m. to 4 p.m., Memorial Union contact table.

30-Dec. 4 **Theatre NDSU presents “Miss Julie”** – Walsh Studio Theatre, tickets at www.ndsu.edu/finearts.

DECEMBER

1 **Center for Protease Research and the Department of Chemistry and Biochemistry presentation** – “Tuning Photophysics of Bipyridyl Platinum(II) Bisstilbenylacetylide Complexes by Auxiliary Substituents: A TD-DFT Study,” Ekaterina Badaeva, visiting scholar in the Kilina Group, NDSU chemistry and biochemistry department, 4 p.m., Ladd Hall room 107.

2 **Responding to Disclosure of Sexual Assault Training** – Noon to 1 p.m., Memorial Union Prairie room. RSVP to sarah.dodd@ndsu.edu to participate.

2 **Pride Network Meeting** – Noon, contact kristen.benson@ndsu.edu for location.

2 **Ally Follow-Up Discussion** – 3 p.m. to 4 p.m., FLC room 316 E – FORWARD event.

CALENDAR CONT.

DECEMBER

2 Biological Sciences Department Seminar – “Fire, Devastating Force or Rejuvenating Tool?” Amy Ganguli, Department of Natural Resources, 3 p.m., Loftsgard room 114

2-4 Annual Madrigal Dinners – 6 p.m., Reineke Fine Arts Center Challey Atrium, tickets are \$35. Box Office 1-7969

3 Football playoffs vs. James Madison – 3 p.m., Fargodome

4 Winter Choir and Brass Performance – 2 p.m., Festival Concert Hall, tickets are \$5 for adults and \$2 for students and seniors.

5 Jazz Ensemble and Jazz Lab Band – 7:30 p.m., Festival Concert Hall, tickets are \$5 for adults and \$2 for students and seniors.

5 Plant Sciences Graduate Seminar – “In-Season Nitrogen Applications in Wheat,” Adam Chyle – 3:30 p.m., Loftsgard room 114E

6 Distance and Continuing Money Management Workshop – “College Planning,” 7 p.m. to 8:30 p.m., NDSU SGC Building, 1919 University Drive N. To register, visit <http://ndsu.me/dce1110mm> or call 1-7015 or 1-800-726-1724. For more information, contact Lisa McNamara at 1-5376 or lisa.mcnamara@ndsu.edu.

6 Wind Symphony – 7:30 p.m., Festival Concert Hall, tickets are \$5 for adults and \$2 for students and seniors.

7 Brown Bag Seminar – “Healing and Recovery After Sexual Violence,” panel, noon to 1 p.m., Memorial Union Arikara room

7 Wassail Tea – 2 p.m. to 4 p.m., EML room 270. Sponsored by the College of Human Development and Education Leadership Council and the dean’s office.

8 Pedagogical Luncheon – 11:30 a.m. to 1 p.m., Memorial Union Great room – FORWARD event

8 Distance and Continuing Money Management Workshop – “College Planning,” 7 p.m. to 8:30 p.m., NDSU SGC Building, 1919 University Drive N. To register, visit <http://ndsu.me/dce1110mm> or call 1-7015 or 1-800-726-1724. For more information, contact Lisa McNamara at 1-5376 or lisa.mcnamara@ndsu.edu.

9 NDSU Chamber Winds – 7:30 p.m., Beckwith Recital Hall, free and open to the public

11 Kuhnau’s “Magnificat” and Favorites from Handel’s “Messiah” – 2 p.m., Festival Concert Hall, tickets are \$15 for adults, \$12 for seniors and \$5 for students. Tickets available at www.ndsu.edu/finearts.

13 Bonnie Neas farewell reception – 2 p.m. to 4:30 p.m., Memorial Union Great Plains room

13 Science Café – “Message in a Bottle: Deconstructing Wine from a Chemist’s Perspective,” Gregory Cook, 7 p.m. to 8:30 p.m., Hotel Donaldson, Stokers Basement

16 NDSU Commencement – 4 p.m. Check www.ndsu.edu/registrar for potential location change.

19 Community of Respect Training – 9 a.m. to 2 p.m., RSVPs required to Equity and Diversity Center, 1-5728 or ndsu.edcenter@ndsu.edu

19 Community of Respect Orientation for Trainers – 2 p.m. to 4 p.m., RSVPs required to ndsu.edcenter@ndsu.edu or 1-5728

JANUARY

18 Gear Up for Grants Seminar, “Research Data Management” – 3 p.m. to 4:30 p.m., Memorial Union Arikara room, presented by the Research and Data Working Group.

23-27 Third annual Innovation Week

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

NEXT ISSUE Publication date: Thursday, Dec. 15 | Submissions due: Dec. 12 at noon

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