

NDSU

VOLUME 3 ISSUE 9

IT'S HAPPENING AT STATE

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President Bresciani names Rafert as NDSU's next provost



Rafert

NDSU President Dean L. Bresciani announced his selection of Bruce Rafert as NDSU's next provost on April 29.

Rafert is vice provost and dean of the Graduate School and professor of physics and astronomy at Clemson University. "Dr. Rafert brings a career-long level of recognized experience and success in enhancing the caliber of academic offerings

from instruction to research," Bresciani said. "His achievements on academic and scholarly fronts are exceptional on an internationally recognized basis. He will be key to guiding NDSU, North Dakota's first research university to reach the Carnegie Commission's highest national classification, toward even more contributions to North Dakota's success."

Rafert earned his doctorate at the University of Florida, where he later was named an outstanding alumnus. He has a research portfolio of more than \$9 million in multidisciplinary research activities, spanning industry, state and federal agencies, including the National Science Foundation, National Park Service, United States Air Force and the private sector. He has produced more than 130 scholarly publications and brings 25 years of academic and project administration, including, while at Florida Institute of Technology, serving as chief scientist at the U.S. Air Force Malabar Test Facility and as the founding director of the Southeastern Association for Research in Astronomy Observatory, located at the Kitt Peak National Observatory in Arizona.

Bresciani said the quality of the pool of candidates was impressive, at a level not before seen at NDSU, and credited the 17-member search committee, chaired by University Distinguished Professor Neil Gudmestad, and dedicated participation from the campus community for a successful search. Final candidates met for two days with a range of campus groups and Bresciani later met with them to gather extensive input. "Support for Dr. Rafert's strengths was broadly and impressively expressed from the groups and individuals from whom I gathered feedback."

Under Rafert's leadership, Clemson's graduate enrollment has grown from 2,300 to 4,100 students, Clemson's global reputation has increased and the university's rising stature in national rankings has been widely noted. He oversees more than 130 graduate degree programs, including 40 doctoral programs. Rafert has had a key role in elevating Clemson to one of the top doctoral public institutions in the nation and has helped build a portfolio of graduate programs of national distinction.

The provost will serve as the chief academic officer of NDSU and provide increased coordination of all university scholarly and instructional activities. The vice presidents for Research, Creative Activities and Technology Transfer; Agriculture and University Extension; Information Technology; and Equity Diversity and Global Outreach will report to the president through the provost. Rafert, 61, will earn an annual salary of \$255,000. He will begin work at NDSU in July.

Reminders issued for tomorrow's spring commencement

More than 1,100 candidates will be participating in NDSU's Spring Commencement Ceremony on Saturday, May 14, at the FargoDome. U.S. Secretary of Defense Dr. Robert M. Gates will be the ceremony's guest speaker.

The ceremony begins at 10 a.m. Participating faculty and staff should plan to be at the FargoDome by 9 a.m. and should enter

via the main east lobby and access the floor level via the escalator. Participants will be directed to the assembly area.

Parking is complimentary for the event. The ceremony is anticipated to be three-and-half-hours long.

Commencement information, including live ceremony web-stream information, can be found at www.ndsu.edu/commencement.

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 May 31 It's Happening at State

The next electronic issue of It's Happening at State will be posted May 31 at www.ndsu.edu/ihas. Submissions for that issue are due May 25.

Wellness Center announces summer hours

Summer hours at the Wellness Center begin Friday, May 13, and run through Friday, Aug. 19. Hours are from 5:30 a.m. to 9 p.m. Monday through Friday and 8 a.m. to 2 p.m. on Saturday and 2 p.m. to 8 p.m. on Sunday.

Ossowski named director of scientific computational center



Ossowski

Martin Ossowski has been named director of the Center for Computationally Assisted Science and Technology at NDSU. Philip Boudjouk, vice president for research, creative activities and technology transfer, announced the appointment.

At NDSU, Ossowski will work to enhance the capabilities of the center to provide scientific computational resources to researchers. Additional goals include partnering with private, government and university sectors in support of research opportunities. NDSU researchers use the Center for Computationally Assisted Science and Technology's computing power to make discoveries in nanotechnology, agriculture, computer science, biotechnology and other fields.

"Computation has come of age as a critical tool for scientific discovery across all disciplines," said Ossowski. "CCAST will continue to play an integral part in the already impressive portfolio of computationally assisted research and development at NDSU while becoming a catalyst for creation of new and novel directions in scientific inquiry, engineering, technology transfer and teaching in areas vital to the betterment of the state, the region and the nation."

"The two pillars of science have always been experimentation and theory," said Boudjouk. "For the 21st century, we have a third pillar, which is computation. At NDSU, we expect to be fully engaged in all three areas."

Ossowski most recently served in the Research Computing Support Group at Rice University, Houston. In that position, he strengthened computational infrastructure and helped obtain funding for computing services for research. Ossowski previously was a science consultant and coordinated multidisciplinary grant proposals at the Research Computing Core of the University of South Florida in Tampa, Fla., where he also served as a courtesy assistant professor in the Department of Chemical and Biomedical Engineering.

In 2000, Ossowski received the National Research Council Resident Research Associateship Award and joined the Naval Research Laboratory's Center for Computational Materials Science. He worked to develop methods and algorithms for the efficient (linear-scaling) application of density functional theory. The methods developed at the Naval Research Laboratory were successfully used to study electronic, structural, elastic and vibrational properties of complex oxides and other materials.

As a co-principal investigator and senior research personnel, Ossowski has secured approximately \$10.7 million in funding for research from the National Science Foundation, Department of Defense and National Institutes of Health.

Martin Ossowski earned his doctorate in theoretical condensed matter physics from the University of Nebraska-Lincoln. He worked as a postdoctoral research associate there in the Department of Physics and Astronomy on the first-principles computational extensions to the Gordon-Kim rigid-ion electron-gas model. Ossowski, a condensed matter physicist and quantum chemist, has written or contributed more than 30 scientific articles and conference papers. He continues to work on algorithms toward greater efficiency of density functional theory methods.

Gavel passed at Faculty Senate

Outgoing NDSU Faculty Senate president Amy Rupiper Taggart formally presented the gavel to incoming president Gary Totten at the organization's May 2 meeting at the Memorial Union Great room.

"It's really been an honor to represent NDSU and, particularly, the faculty this year as so much change has been going on," said Rupiper Taggart, who received a recognition plaque from Craig Schnell, provost and vice president for academic affairs. "It has been an interesting and enlightening process."

Totten, associate professor of English, will lead the Faculty Senate during the coming year. "I want to thank Amy for a great year. I have learned a lot about leadership and collaboration from her. She is a strong and influential leader," Totten said.

Totten said his priorities for his term as president include advocating faculty governance, continued progress in equity and diversity and collaborations with Staff Senate and Student Government.

Totten earned his bachelor's and master's degrees at Brigham Young University and his doctorate in American literature from Ball State University. He joined the NDSU faculty in 2004.

Also at the meeting, Thomas Stone Carlson, associate professor of human development and family science, was elected president-elect. He will serve as Faculty Senate president during the 2012-13 academic year.

Carlson joined the NDSU faculty in 2000 after earning his doctorate in human development and family studies at Iowa State University. He earned his master's degree at Purdue University and his bachelor's degree at Weber State University.

Staff Senate transitions leadership

The NDSU Staff Senate greeted new president Laura Dallmann during its May 4 meeting. Dallmann, administrative secretary for the Department of Electrical Engineering, will lead the organization for the coming academic year.

LaDonna DeGeldere, administrative secretary for Enrollment Management, was elected president-elect. Jodi Pierce, Registration and Records, was elected membership officer and Elizabeth Thompson, Human Resources/Payroll, was re-elected secretary.

Dallmann thanked outgoing president Kris Mickelson, assistant director for TRIO programs, for her outstanding leadership, dedication and commitment to NDSU staff.

"Last year, we looked forward to a new university president. This year, we look forward to the opportunity to work with a new provost," Dallmann said. "I'm excited to work with the senators and move the needs of staff forward, especially implementing the suggestions for change from our SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis."

Established in 1990, Staff Senate's mission is to address the needs and aspirations of university staff by promoting a progressive campus environment. Its membership consists of approximately 5 percent of the members of the broadband staff.

Visual arts department welcomes master printmaker Palmeri

NDSU's Visual Arts and Printmaking Education and Research Studio (PEARS) Visiting Artist Program has invited printmaker Nancy Palmeri, associate professor at the University of Texas, Arlington, for the 12th annual summer printmaking workshop, June 6-17.

Participants will attend printmaking workshops and prepare an exchange portfolio using presented methods and theory. Participants can register for three undergraduate credits or non-credit through NDSU-ART or graduate credits through NDSU Distance and Continuing Education.

Palmeri's prints have been included in several international and national venues. Recently, her work has been exhibited at the Istanbul Museum of Graphic Art; Museo de Artes Contemporaneas Plaza, Bolivia; Proyecto'ace Buenos Aires, Argentina; and the Los Angeles Municipal Art Gallery. She is a recipient of the Frans Masereel Graphic Arts Center fellowship in Kasterlee, Belgium, and a Bogliasco Foundation Fellowship, Bogliasco, Italy. She has presented numerous times at the Southern Graphics Council Conference and has lectured and demonstrated her printmaking techniques at colleges and universities throughout the nation. Palmeri's prints have been included in "Color Print USA," Lubbock, Texas; "Global Matrix International Print Exhibition," Perdue University Art Gallery and the "Jubilee Exhibition," Kasterlee, Belgium.

The PEARS program promotes printmaking production, education and innovation in the Midwest. Directed by Kent Kapplinger, associate professor of visual arts, PEARS offers educational printmaking classes, workshops, artist residencies, internships and studio rental to qualified artists.

Visit www.ndsu.edu/finearts/visual_arts/PEARS for more information about the program.

Five inducted into tapestry

Five individuals were inducted into the 2011 Tapestry of Diverse Talents at a ceremony May 6 in the Memorial Union Century Theater.

This year's inductees are Robert Pieri, professor of mechanical engineering; Keerthi Sathiraju, graduate student majoring in cellular and molecular biology; Joshua Anderson, undergraduate student majoring in English; Michael Bashford, undergraduate student majoring in English education; and Michelle Gaffaney, undergraduate student majoring in biological sciences.

The Tapestry of Diverse Talents is a program of the NDSU Memorial Union that recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU. Each semester individuals are added to the Tapestry Wall, reflecting the ages, classes, ability, ethnicity, gender, races, regional differences, sexual orientations, beliefs and values of the university community.

College holds second annual awards ceremony for faculty

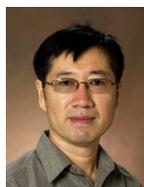


Gross

The College of Pharmacy, Nursing, and Allied Sciences held its second annual college awards ceremony and reception on May 2. Faculty members, Carla Gross and Chengwen Sun, were honored.

The Mary Berg Award for Excellence in Teaching went to Gross, associate professor of nursing.

The award recognizes a faculty member who is an outstanding teacher as defined by the ability to inspire and engage students in learning, who has demonstrated knowledge of pedagogical principles and who has been creative and innovative in approaches to teaching. Mary Berg was a 1974 graduate of pharmacy who died in 2004. Her father, Ordean Berg, BS '41, left a \$1.4 million estate gift to the college on her behalf, part of which funds the award for faculty.



Sun

Gross joined NDSU in 1987. She teaches undergraduate courses on adult health, role development and adult health clinical.

"I feel like I've been lucky in my career to combine two passions, and that's nursing and education," Gross said. "Throughout the years I've discovered there are two essential ingredients to teaching. The first is that students really need to be treated with respect and know that they are respected and valued ... The second is how important it is to create a learning environment that students can be successful in, an environment that also challenges them to reach their potential," she said. "In the process, my hope is that I can inspire students as much as they inspire me."

Sun, assistant professor of pharmaceutical sciences, received the Dean's Award for Excellence in Research. The award recognizes a faculty member who has demonstrated outstanding achievements in research and who demonstrates excellence and innovation in scholarly work.

Sun joined the Department of Pharmaceutical Sciences in 2007. His current research focuses on central blood pressure regulation and pathogenesis of hypertension to identify novel targets for the treatment of hypertension and other cardiovascular diseases.

He has published more than 50 peer-reviewed papers, 20 abstracts and been invited to present five lectures. His research has received approximately \$1.5 million in funding from federal agencies. He oversees three postdoctoral fellows, three graduate students and three visiting scholars.

"This award is not only for me, but also for my hard-working research team, including postdoctoral fellows, graduate students and visiting scholars. They are hard working every day in the lab while doing research," he said.

NDSU faculty members hold book reading and signing



Sather-Wagstaff

A book reading and signing was held by two NDSU faculty on May 9 in Stoker's Basement at the Hotel Donaldson in downtown Fargo.

Joy Sather-Wagstaff, assistant professor of anthropology, wrote "Heritage That Hurts: Tourists in the Memoriscapes of September 11;" and David Silkenat, assistant professor of history and education, wrote "Moments of Despair: Suicide, Divorce, and Debt in Civil War Era North Carolina." Both books were published in February.



Silkenat

In her book, Sather-Wagstaff discusses how memorial sites are continuously negotiated, constructed and reconstructed into culturally meaningful landscapes through various performative activities. These activities are not limited to formal commemorative acts but also include tourists' vernacular activities and experiences both at memorial sites and post-travel. Her primary focus is on the former site of the World Trade Center in New York. This site is compared to others including the Oklahoma City National Memorial, Vietnam Veterans Memorial and United States Holocaust Memorial Museum. She demonstrates how tourists are critical to constructing memorial sites as broadly significant rather than diminishing their social importance, and in doing so, challenges existing academic theories on what is frequently called "dark tourism."

Silkenat argues in his book that during the Civil War era, black and white North Carolinians were forced to fundamentally reinterpret the morality of suicide, divorce and debt as these experiences became pressing issues throughout the region and nation. The attitudes of North Carolinians differed from people outside the South in two respects. First, attitudes toward these cultural practices changed more abruptly and rapidly in the South than in the rest of America; and second, the practices were interpreted through a prism of race. Drawing upon a robust and diverse body of sources, including insane asylum records, divorce petitions, bankruptcy filings, diaries and personal correspondence, this innovative study describes a society turned upside down as a consequence of a devastating war.

NDSU salary adjustment guidelines 2011-12

There is not a mandatory across-the-board increase.

All regular employees whose performance is satisfactory will be given a salary adjustment.

Employees not eligible for a salary adjustment:

- Probationary broadbanded staff
- Employees whose documented performance levels are not satisfactory
- Temporary/non-benefitted employees

Options for salary adjustments: performance/merit and market.

Safety Office issues reminders about international travel

Travel by NDSU faculty and staff is vital to the continued growth and educational offerings of the university. To help ensure employees are safe during times of travel, the following guidelines have been developed in conjunction with the current administrative rule outlined by North Dakota Risk Management:

Employees must fill out the request form for travel with the NDSU Accounting Office per NDSU Policy 515 found at apps.ndsu.edu/busforms.

If planning to be in a foreign country for more than 30 consecutive days, employees or their department must find and purchase workers' compensation insurance in the destination country prior to departure. If unable to obtain compensation in the country, or from the collaborative institution, the employee or department must provide documentation that the country, the collaborative institution or the private insurance market, does not provide worker's compensation coverage. This documentation must be submitted to the Safety Office for coverage to be secured with North Dakota Workforce Safety and Insurance.

The NDSU "Working Outside the United States" form must be completed and submitted to the Safety Office prior to travel. This form can be found at www.ndsu.edu/police_safety/safety/Forms/WorkingOutOfUS.pdf.

If the information is not forwarded to the Safety Office prior to travel, employees injured while working outside the United States beyond the 30 days, but less than a year, may not have worker's compensation coverage.

The Office of International Programs will coordinate ordering insurance for faculty leaders and their students on faculty-led programs. Information can be found at www.ndsu.edu/international/faculty_led_study_abroad/international_insurance.

To ask questions or visit with someone regarding this information, contact the Safety Office at 1-7759.

Parking permit renewal and sale will begin May 24

The 2011-12 NDSU faculty and staff parking permits will be available for renewal or sale at the Campus Parking Office in Thorson Maintenance Center beginning Tuesday, May 24. Permits can be renewed Monday – Friday, 8 a.m. to 3:30 p.m.

In an effort to support sustainable practices, faculty and staff permits are "renewable" similar to vehicle license tab renewals. Returning faculty and staff will simply affix a sticker on their present hangtag to renew the permit. It is important to save your permit and bring it with you for renewal. The fee to replace a lost permit is \$30.

The annual parking permit fee for the 2011-12 academic year is \$155. This fee is deducted from full and part-time, benefitted employees' paychecks starting with the Sept. 15 paycheck. Employees may choose between one deduction of \$155 or 10 payroll deductions

of equal increments. Non-benefitted and temporary employees may pay by cash or check. Faculty and staff permits are non-refundable. Each employee is eligible for one parking permit. Permits become valid upon renewal or purchase and expire Aug. 15, 2012.

2011-12 "Park and Ride" FargoDome parking permits are available for \$60. Information about transit from the FargoDome lot is available at www.ndsu.edu/parking. Faculty and staff who want to forego their assigned lot are welcome to use this economical alternative. FargoDome permits are not valid anywhere except FargoDome lots C, D or E. FargoDome permits are not valid in conjunction with any other permit.

Departmental Service Vehicle permits also may be renewed beginning Tuesday, May 24. Bring the Departmental Service Vehicle permit to the Campus Parking Office for a renewal sticker.

For additional information, email the Campus Parking Office at NDSU.parking@ndsu.edu or call 1-5771. Complete NDSU Parking Regulations are available at www.ndsu.edu/parking.

Italian-style pasta short course to be offered in August

Italian-style pasta is the focus of the "Pasta: Raw Materials and Processing Technology Short Course," that will be offered Aug. 8-12 at Northern Crops Institute.

Course participants will process pilot-scale pasta and take part in a cooking exercise to evaluate the final product. During lectures, they will gain technical knowledge about extrusion and drying of pasta products, which is critical for the production of high-quality pasta products.

Speakers will detail raw material quality criteria, specifications and processing variables and their impact on final pasta product. Lecture topics will include variety development and quality characteristics of northern U.S. durum wheat; physical and rheological tests to evaluate durum wheat and semolina quality; durum milling and semolina quality; impact of starch and protein on pasta quality; extrusion and drying of commercial pasta processing; quality control; technology of fresh, frozen and canned pasta manufacturing; and causes and solutions of pasta defects.

The course will conclude with a tour of a commercial pasta manufacturing facility.

Visit www.northern-crops.com for more information and to register, and follow the educational courses link, or call 1-7736. Registration deadline is July 18. Special rates are available to groups of three or more from the same company. All courses are contingent upon sufficient enrollment numbers.

Student groups honored for volunteering during the flood

NDSU President Dean L. Bresciani hosted the student groups who logged the most hours volunteering to fill sandbags for the 2011 flood fight. The event was held May 3 at the president's residence patio.

President Bresciani challenged students in four categories – athletics, Greeks, residence halls and student organizations – to compete for the most volunteer hours.

The groups and hours donated:
 NDSU football team – 500 hours
 Theta Chi fraternity – 406 hours
 Thompson Hall residents – 207 hours
 Nordic Ski club – 52.2 hours

Overall, NDSU volunteers logged more than 4,000 hours on the flood fight. For more information on the volunteer hours, contact Matt Skoy, assistant director for service learning, at 1-8566.

Graduate School announces Teaching and Research Awards

The NDSU Graduate School has announced the 2010-11 Teaching and Research Awards. The awards are presented in partnership with colleges each year.

"The Teaching and Research Awards recognize outstanding graduate students for their accomplishments in the classroom and in research laboratories," said David Wittrock, dean of the College of Graduate and Interdisciplinary Studies.

In honor and recognition of the graduate students' accomplishments, each student received a \$1,000 cash award. Awards were presented to the following graduate students:

Research

John Schuna – College of Human Development and Education
 Lindsay Erickson – College of Science and Mathematics
 Praveen Shukla – College of Pharmacy, Nursing, and Allied Sciences
 Mike Fuqua – College of Engineering and Architecture
 Preeti Sule – College of Agriculture, Food Systems, and Natural Resources
 Sara Hansen – College of Pharmacy, Nursing, and Allied Sciences

Teaching

Maxx Kureczko - College of Science and Mathematics
 Craig Rood - College of Arts, Humanities and Social Sciences
 Mohsen Hamidi – College of Engineering and Architecture
 Brianna Stenger – College of Agriculture, Food Systems, and Natural Resources
 Meredith Wagner – College of Human Development and Education

Students receive ND EPSCoR Research Assistantship Awards

Three students will attend NDSU as recipients of Graduate Student Research Assistantship Awards from the North Dakota Experimental Program to Stimulate Competitive Research (ND EPSCoR).

Awardees, alma maters and areas of graduate studies at NDSU are: Jesse Martin, Valley City State University, chemistry-biochemistry; Fakira Soumalia Borkovec, Valley City State University, cereal and food sciences; and Thomas Shanandore, NDSU and an ND EPSCoR NATURE participant, civil engineering.

The Graduate Student Research Assistantship program provides North Dakota University System baccalaureate universities and tribal colleges/NATURE program graduates an opportunity to earn master's or doctoral degrees in science, engineering and mathematics at North Dakota's two research universities, NDSU and University of North Dakota. The award stipend is \$18,000 per student annually for two years.

ND EPSCoR is a federally and state funded program designed to improve the ability of university researchers to compete more effectively for federal, regional and private research grants in the sciences, engineering and mathematics. For more information on the Graduate Student Research Assistantship program, visit www.ndepscor.nodak.edu/programs.

Bison Leader Awards presented

The NDSU Student Government Congress of Student Organizations presented the Bison Leader Awards on May 3. The awards honor and recognize outstanding initiatives by students and advisers, and important events that give NDSU character and pride.

"All of the nominees have proven their Bison Pride through their contributions to their student organizations, NDSU and the Fargo-Moorhead community," said Jon Okstad, executive commissioner of the congress.

"Social Program of the Year" was presented to Away Game Celebration by Bison Ambassadors. The program offers students, faculty and staff a safe, alcohol-free event to enjoy a Bison football away game.

"Community Service Program of the Year" went to The Big Event, which recruited more than 350 students from across campus to participate in various opportunities in a one-day service event. They served 15 nonprofit organizations in Fargo, West Fargo and Moorhead, completing nearly 900 hours of service in one day.

"Cultural/Diversity Program of the Year" was presented to Campus Attractions' Lively Arts Committee with the Division of Equity and Diversity, NDSU YMCA and Greek Life that brought the Tibetan Buddhist Monks to campus. The monks from Drepung Loseling Monastery constructed a Mandala sand painting and held three lectures.

"Overall Program of the Year" went to "Walk the Talk," an initiative through Student Government's Public Relations Commission to educate the NDSU campus about bullying and harassment in schools.

"Student Organization of the Year" was presented to the Panhellenic Council, which is the representative body of all sororities on NDSU's campus.

"Student Organization Adviser of the Year" was awarded to Sumathy Krishnan, who is an adviser for the Association of Students from India.

"Student Leader of the Year" was presented to Matthew Friesz, a student leader on campus and non-profit organizations such as Freedom by Design. He holds many officer positions and is a member of organizations ranging from Greek life to Bison Ambassadors.

Students honored for grasslands restoration project

NDSU landscape architecture students won the highest honor, the Award of Excellence, in the American Society of Landscape Architecture Central States Regional Awards Competition for their project, "Where the Buffalo Roamed: Recreation and Restoration Strategies for the Sheyenne National Grasslands."

Twenty students worked on the project during the fall semester in senior-level environmental planning landscape architecture studio.

Catherine Wiley, assistant professor of landscape architecture and the studio instructor, said the project resulted in a 570-page book that knits together a body of proposals based on research and cutting-edge science. It ties to the U.S. Forest Service's 2001 Environmental Impact Statement for the northern grasslands management plan, which supports a 4 percent increase in recreation opportunities of the northern grasslands.

Students analyzed the conflict between public and private interests regarding the grasslands. They sought to balance the public's increasing desire to see bison roam on the prairies once again and for natural beauty to be restored, with the existing grazing allotments valued by ranchers.

Students' proposals ranged from requiring major investment – such as an original stream channel restoration with riffles and pools to reduce erosion, increase habitat for fish and kayak possibilities – to ephemeral uses, such as paintball courses or goat herding.

Fifty-two projects were submitted to the Central State Regional Awards Competition in an eight-state region from North Dakota to Texas. The jury recognized 27 projects.

The award was presented at the 2011 Central States Conference May 4-6 in Des Moines, Iowa.

Contact Wiley at catherine.wiley@ndsu.edu or 1-7809 for more information on the project.

Students to teach energy efficiency at Minnesota State Fair

A group of NDSU architecture students is designing a four-person cabin so energy-efficient it does not need a traditional furnace or air conditioner. Their design work includes drawings, architectural models and information and will be exhibited publicly Friday, May 6, from 1:30 p.m. to 8 p.m. at NDSU's Renaissance Hall, 650 NP Ave., Fargo. Students and faculty from the Design Build Studio will be available to answer questions. At 5:30 p.m. there will be a short presentation followed by live music and food. The event is open to the public.

The completed cabin will be constructed at the 2011 Minnesota State Fair, where it will be seen by more than 300,000 fairgoers. The student-designed cabin, also called the Demonstration House, will be heated by the energy equivalent of six light bulbs, and will make use of many "free" passive heat sources such as heat generated by its occupants, waste heat from appliances, passive heat from the earth and heat from the sun. During the summer, the cabin will be shaded and naturally air-cooled. The cabin will be ventilated continuously in all seasons to have the best-tested air quality possible in enclosed structures.

"The students have demonstrated immense creativity and spirit of innovation under very restrictive budget and strict performance goals," said Design Build Studio instructor Malini Srivastava. She was invited by the Minnesota Pollution Control Agency to design and build a Demonstration House at the Minnesota State Fair, exhibiting Passive House Performance Criteria.

As part of the Eco-Experience exhibit at the fair, the Demonstration House – suited to a northern Minnesota climate – will educate fairgoers about state-of-the-art concepts in energy efficiency in the built environment. NDSU students are now ending the design phase and will continue into the build phase this summer, constructing the Demonstration House at the fair.

The Design Build Studio is the first Passive House to be built and demonstrated at the fair, according to Srivastava. This is also the first time that the Minnesota Pollution Control Agency has invited a student group to participate in the Eco-Experience, a major annual event concerning energy education. NDSU architecture students from North Dakota, South Dakota, Montana, Minnesota, Wisconsin and Malaysia are participating in the project.

Srivastava, an adjunct member of the NDSU architecture program faculty, a registered architect and a certified passive house consultant with Fargo's Design and Energy Laboratory, has led the Design Build Studio since January.

NDSU architecture students have researched several measurement systems to achieve deep energy cuts and resource efficiency for the house. The strict Passive House Performance Criteria constitute the students' primary focus. Through Passive House energy modeling, designers can optimize operational energy use, resource efficiency and carbon content.

This is the inaugural year of the Design Build Studio at NDSU and students are relying on cash and in-kind donations from the public to construct the Demonstration House at the Minnesota State Fair. Contact Srivastava at malini.srivastava@ndsu.edu for more information.

Students honored in anthropology writing competition

Four NDSU students received recognition for essays submitted to a writing competition hosted by The Center for a Public Anthropology.

The competition asked students to write opinion letters on a specific topic that results in a call for action. This year's focus was "Are researchers accountable, in some manner, to those who fund their research and/or the people who assist them in it? If so, how should this accountability operate?" The National Science Foundation was the specific research funding institution targeted for increased accountability.

More than 3,000 students from 20 schools across North America responded to the challenge. After peer review, four papers from NDSU students – Grant Bartley, a junior majoring in English; Rachel Geiser, a sophomore majoring in French education; and Kelsey Gisi and Robyn Stessen, both freshmen majoring in anthropology – were recognized as some of the best.

Overall, 42 NDSU students participated in the competition as part of the Anthropology 206 course, titled "People's of the World." The students conducted research and wrote letters during three weeks in April.

The Center for a Public Anthropology is a non-profit organization that encourages scholars and their students to address public problems in public ways. Center director Rob Borofsky uses the Community Action Website Project, www.publicanthropology.org, to engage introductory anthropology course students across the country with various societal problems. According to the website, its key objectives are to help students think critically, communicate effectively and become active citizens.

Sather-Wagstaff has involved her students with The Center for a Public Anthropology since spring 2007. This year's participating schools included North Carolina State University, University of North Carolina-Charlotte, University of South Florida, George Mason University, University of Iowa, University of Nevada-Reno, University of New Mexico, University of Illinois at Urbana-Champaign, University of Missouri and College of DuPage.

To view the students' essays, visit www.publicanthropology.org/CAW/11-Spring/CAP-3JSW4NDSU.htm. For more information on Public Anthropology's Community Action website, visit www.publicanthropology.org/CAW/a-FAQs.htm. For more information on NDSU students' involvement, contact Sather-Wagstaff at joy.sather-wagstaff@ndsu.edu or 1-6498.

Class project promotes green research and environmentalism

NDSU students in a communication class have completed a project they hope will promote green research and environmentalism on campus.

The class, Research for Strategic Communication taught by Elizabeth Crisp Crawford, developed a 44-page publication called "NDSU: Sustainable University: 2011 Sustainability Review." The project is a collaborative effort between the Department of Communication and the College of Engineering and Architecture.

According to its statement of purpose, the publication is intended to “increase awareness in our community about current energy practices, while promoting positive change to improve energy use. Starting a movement toward sustainability begins at NDSU with education, awareness and research.”

Ten students were contributing writers for the project. Articles include “NDSU Students Leaving Green Footprints,” “Taxes: How to Catch a Break,” “Catch-22: A Tale of Two Business Owners” and “Re-Energizing Residence Life.” Topics range from the Red River Valley Research Corridor to innovator profiles to energy saving tips.

PEOPLE

Fitzgerald recognized as Great Plains IDEA Faculty Fellow



Fitzgerald

Margaret Fitzgerald, associate professor of human development and family science, was recognized with the Great Plains Interactive Distance Education Alliance (IDEA) Faculty Fellowship Award at an awards luncheon on April 15 in Kansas City.

The Great Plains IDEA Cabinet created the Faculty Fellowship Award in 2010 to honor faculty members who have made a significant contribution to the success of the academic programs in the Alliance.

“We are pleased to recognize you as one of the outstanding educators who are so important to this organization,” wrote Virginia Moxley, chair of the Great Plains IDEA Cabinet, in an award letter. “Thank you for your dedication and commitment to the success of your students and Great Plains IDEA.”

Fitzgerald has a long history with Great Plains IDEA, originally serving on the faculty group that helped create the model. She participated in the development of the first Great Plains IDEA program, Family Financial Planning, and later helped to develop the Gerontology Program. She continues to be an active faculty contributor to both programs.

In addition and complementary to her contributions in program development and course development/teaching, Fitzgerald has contributed to the scholarship of online learning by publishing and presenting on the Great Plains IDEA system, Family Financial Planning and Gerontology Program.

Her work has impacted delivery of the Great Plains IDEA programs at NDSU. She paved the way for all the programs through her work with Family Financial Planning development and campus approval. She also helped market the program from the beginning.

In addition to being recognized as a Faculty Fellow, Fitzgerald received a \$1,000 cash award.

Peterson to retire from Development Foundation

One of the longtime organizational leaders of the NDSU Development Foundation will retire soon as a full-time employee. Ron Peterson, associate executive director for finance, is set to retire June 30 after 26 years of service, but he will remain in a part-time role for the next six months.

“I’ve worked with five different presidents and three interim presidents,” Peterson said. “It’s been interesting to see the comings and goings and all the developments under each of the presidents.”

Peterson said he watched the Development Foundation and Alumni Association grow from about seven employees when he started to 30 employees today. He said the foundation’s endowment has grown dramatically, going from about \$2.5 million to more than \$100 million.

“It’s been enjoyable working with all the people at the foundation and university,” Peterson said. “We have a family-type atmosphere at the Development Foundation and Alumni Association, with camaraderie and good working relationships among the staff. I’ll miss the day-to-day interactions.”

Peterson has been a member of several campus committees and organizations including Harvest Bowl Committee, Gunkelman Award Committee and the Vice President for Business and Finance Search Committee. He also was a member of the President’s Ag Club.

“Ron was the first person I hired after I came to NDSU,” said Jim Miller, NDSU Development Foundation executive director. “His job has really changed over the years, moving from a bookkeeper to financial adviser.”

Miller said the foundation has undergone many changes since Peterson joined NDSU in 1984. At that time, the foundation saw about \$500,000 in annual giving. Now, it receives about \$20 million per year in cash and pledges.

Over the years, Peterson has assisted as the foundation participated in campus projects, like the Alumni Center, Ehly Hall, Equine Center, Renaissance Hall, Barry Hall, Klai Hall, Newman Outdoor Field, Ellig Field, President’s House, Skills and Technology Training Center, Criminal Justice Building and Graduate Center.

“Ron is a steady guy who has provided good, sound wisdom to the foundation,” Miller said. “I am going to miss him.”

During the six months Peterson spends as a part-time employee, he will assist with the foundation’s 2010-11 audit and other special projects.

Engineering and architecture recognizes Teacher of the Year



Vorderbruggen

Joan Vorderbruggen, assistant professor of architecture and landscape architecture, received the 2011 College of Engineering and Architecture Teacher of the Year Award at a ceremony April 21.

Vorderbruggen was selected out of nine nominees based on specific award criteria and recommendations. She mainly teaches architectural design studios.

"I have known Joan since she first started at NDSU as an adjunct professor," wrote Cindy Urness, associate professor of architecture, in a letter of nomination. "From that first class, it was apparent that Joan was a teacher of passion and commitment, who more than anything cared about what her students were learning in her class."

"During my time in Joan's course, I felt like she challenged my perceptions and helped me to better understand my personal design development," wrote Kelly Anne Fratzel, an architecture student. "Joan encourages her students to step outside what they know about architecture and acknowledges different perspectives in design."

Vorderbruggen has been an assistant professor at NDSU since fall of 2008, with previous teaching experience as an adjunct professor and lecturer at NDSU and the University of Oregon. Vorderbruggen earned her bachelor of architecture degree from NDSU and her post-professional master of architecture degree from the University of Oregon.

Vorderbruggen has been the faculty adviser to NDSU's chapter of American Institutes of Architecture Students Freedom by Design for the past year and a half, and received the Bison Ambassador's Apple Polisher Award in 2010. She continues to focus her scholarly activities toward teaching beginning design students, and human/nature connections in architecture.

At the same awards ceremony, Mohsen Hamidi, a doctoral student in industrial and manufacturing engineering, was awarded graduate student teacher of the year.

Faculty to talk with first graders about tornado safety



Akyüz

First graders are about to learn how tornadoes form and how to be safe when they occur. Adnan Akyüz, assistant professor of climatology and North Dakota state climatologist, plans to visit Kennedy Elementary School on Tuesday, May 17, from 8:30 a.m. to 10 a.m., to provide young students a basic tornado education.

During his visit, Akyüz will simulate a tornado vortex using a glass chamber, boiling water, dry ice and a bathroom fan.

He also will advocate the use of bike helmets while being sheltered during a tornado. Akyüz believes bike helmets are simple, inexpensive and readily available tools that can increase chances of survival while taking proper shelter in the event of a tornado.

Denton named to James A. Meier Junior Professorship



Denton

Anne Denton, associate professor of computer science, has been named the James A. Meier Junior Professor. "She possesses a balanced academic record demonstrating excellence in teaching, research and service," wrote Brian Slator, professor and department head, in a letter of nomination. "Within this record is a history of mentorship and student support on research projects."

Slator noted Denton's research interest in developing data mining techniques for diverse problems, her nearly 40 peer-reviewed journal and conference publications and her collaborations with colleagues. He also recognized her work with Governor's Schools students and outreach efforts with five tribal colleges.

Denton earned her doctorate in physics at the University of Stuttgart and her master's degree in computer science from NDSU. She joined the NDSU faculty as an assistant professor in 2003.

The professorship endowment is funded by James A. Meier, BS '59, mathematics. He earned his chemistry doctorate in 1971 and an honorary doctorate from NDSU in 2007.

Science and mathematics faculty recognized for service

Linda Stoetzer and Gary Clambey share this year's College of Science and Mathematics Service Award.

Stoetzer, account technician in the Department of Chemistry and Biochemistry, was nominated by Greg Cook, professor and department chair. "She is an outstanding staff member who can be completely and consistently relied upon to complete any task assigned to her and she has been performing her duties for 40 years," Cook wrote, noting he could not imagine the department functioning without her. "Linda's service to the department, college and university is extraordinary. She will be sorely missed if and when she ever decides to retire."

Clambey, associate professor of biological sciences, has a long history of participation in campus committees and groups. He has chaired and served on several search committees, served 14 years on the Curriculum Committee and was a member of the Promotion, Tenure and Evaluation Committee and a member of the department's Self Study Committee for regional accreditation. Clambey has received many honors, including the Odney Award, Blue Key Distinguished Educator, the college's Excellence in Teaching Award and Mortar Board Preferred Professor.

"In his 35 years at NDSU, none of us is aware of a single instance when he was asked to do something for students or his department, college or university that he did not say yes," wrote 15 colleagues in the biological sciences department in a letter of nomination. "Given his long and distinguished record of service, Gary Clambey epitomizes the embodiment of this award."

Jayaraman honored for teaching



Jayaraman

Sivaguru Jayaraman, assistant professor of chemistry and biochemistry, has been selected to receive the 2011 College of Science and Mathematics Teaching Award.

Greg Cook, professor and department chair, described Jayaraman as “a scientist and educator of high promise” in a letter of nomination.

“Dr. Jayaraman is truly an excellent teacher,” Cook wrote, noting Jayaraman has taught classes at both the undergraduate and graduate levels. “He teaches sophomore organic chemistry with a lot of flair and enthusiasm and brings his extensive computer expertise to help students in the classroom. At the graduate level, Dr. Jayaraman teaches courses in physical organic chemistry, spectroscopy and is currently teaching a special topics course in photochemistry which is being simultaneously broadcast over the Internet to students at Columbia University and the University of Miami.”

Jayaraman joined the NDSU faculty in 2006, following a postdoctoral research position at Columbia University. He earned his bachelor’s degree at Bharathidasan University, St. Joseph’s University, Trichy, India; his master’s degree at Indian Institute of Technology, Madras, India; and his doctorate from Tulane University, New Orleans.

Sibi receives mentoring award



Sibi

University Distinguished Professor Mukund Sibi was awarded the College of Science and Mathematics Paul Juell Mentorship Award for 2011. The honor acknowledges exceptional mentoring at department, college, university or professional levels.

Sibi was nominated by Sivaguru Jayaraman, assistant professor of chemistry and biochemistry, with several supporting letters from colleagues and former and current students.

“Muk has not only distinguished himself as an academician but also as a person who has the mettle to nurture and tutor young faculty in our college,” Jayaraman wrote, praising Sibi’s advice and insightful suggestions. “I would like to emphasize the invaluable and selfless guidance that he has provided and continues to do so to me and to the next generation of academicians.”

Sibi, who directs the Center for Protease Research, joined the NDSU faculty in 1987. He received the prestigious Arthur C. Cope Scholar Award in 2008. Sibi earned his bachelor’s and master’s degrees at Bangalore University in India and his doctorate from City University of New York. He held postdoctoral positions at Dartmouth College and University of Waterloo.

In a letter of support, Kendra Greenlee, assistant professor of biological sciences, called Sibi an excellent role model for junior faculty. “I have benefited immensely from my involvement with Center for Protease Research and Dr. Sibi specifically,” she wrote.

Theatre faculty invited to design costumes for ‘Sweeney Todd’



Varland

Rooth Varland, associate professor and department coordinator for NDSU Theatre, has been invited to design costumes for “Sweeney Todd: The Demon Barber of Fleet Street” by Stephen Sondheim at the Filene Center at Wolf Trap National Park for the Performing Arts outside Washington, D.C. The production is scheduled for Friday, July 22, at 8:15 p.m.

Presented by the Wolf Trap Opera Company, this gripping story is told in a fully staged production, featuring a new Operascope video project design. The National Symphony Orchestra will be on stage, bringing Sondheim’s score to life in vivid and powerful detail. “Sweeney Todd” is a musical thriller about Benjamin Barker, alias Sweeney Todd, who returns to London after 15 years of imprisonment on false charges. He learns his wife poisoned herself and begins to exact revenge on the man he holds responsible.

This is the fifth production Varland has worked on with director Tara Faircloth. For more information about “Sweeney Todd,” visit www.wolftrap.org/Find_Performances_and_Events/Performance/11Filene/0722show11.aspx.

EVENTS

Local foods symposium to discuss challenges of meeting demand

In an ever-changing food environment, consumers are more aware of “local foods,” but markets are unable to keep up with demand. To explore this issue and develop a broad roadmap for collaboration among the universities and communities, the Scaling Up Local Foods Research Symposium is scheduled at NDSU on May 19 from 9 a.m. to 4 p.m. in the Memorial Union Prairie Rose Room.

This is not a technical conference, rather a symposium intended as an interactive session with facilitated discussions and working groups, including scholars, educators and practitioners from a variety of disciplines. Margaret Adamek, owner and principal of Terra Soma Consulting Services, a strategic services firm that builds capacity for cross-sector food systems change, and Holly Rose Mawby, director of the Entrepreneurial Center for Horticulture in Bottineau, N.D., will facilitate discussions.

Symposium objectives include:

- Identify the questions and challenges related to scaling up local foods in the region;
- Outline the opportunities for research collaborations among universities and communities; and
- Determine available and potential sources of funding and investments to enhance collective expertise.

The symposium is free, but limited to 50 people. Travel funds are available through the Sustainable Agriculture Research and Education program and rooms have been reserved at NDSU, so lodging, if necessary, is covered. For more information, contact Abby Gold at abby.gold@ndsu.edu or 1-7478.

PEOPLE

Marketing assistant professor's manuscript accepted to journal



Krush

Michael T. Krush, assistant professor of marketing, co-wrote the manuscript, "Understanding the mechanism linking interpersonal traits to prosocial behaviors among salespeople: Lessons from India," which has been accepted for publication in the *Journal of Business and Industrial Marketing*.

Factors such as globalization and market size have made India a major consideration for multinational firms and their sales forces. Despite the appeal of the market, the majority of theories and empirical studies within sales have been based on Western thought and within a Western context. This study addresses the issue of what interpersonal traits impel outcomes and behaviors of Indian salespeople.

Specifically, the study examined two traits, empathy proneness and guilt proneness. The results suggest an interplay between interpersonal traits and prosocial sales behaviors. Empathy proneness was positively related to helping behaviors targeted at other salespeople. Guilt proneness was positively associated with behaviors targeted at customers and negatively associated with behaviors targeted at colleagues. The research suggests that a salesperson's capacity for empathy does not always translate into customer-based behaviors within an Indian sales force. Hence, sales training and other interventions targeted toward building empathy may actually impact behaviors between salespeople versus the interface between the salesperson and customer.

Faculty paper accepted by pharmacology journal

Erxi Wu, assistant professor of pharmaceutical sciences, and Fengfei Wang, research associate of pharmaceutical sciences, co-wrote the article, "B2-adrenoceptor blocker synergizes with gemcitabine to inhibit the proliferation of pancreatic cancer cells via apoptosis induction," which will be published by the *European Journal of Pharmacology*.

According to the authors, stimulation of B2-adrenoceptor, which is major mediator for chronic stress-induced cancers, has been associated with the progression in the number of cancer cells. This includes pancreatic cancer, which remains one of the most aggressive and lethal diseases worldwide. Whether B2-adrenoceptor rivals potentiate gemcitabine, a standard first-line treatment for advanced pancreatic cancer that offers only modest benefit due to acquired chemoresistance, has not been revealed. Wu and Wang studied the antiproliferative and apoptotic effects and the underlying mechanisms of gemcitabine combined with the B2-adrenoceptor blocker ICI 118551 (1-[2,3-(dihydro-7-methyl-1H-iden-4-yl)oxy]-3-[(1-methylethyl)amino]-2-butanol), in human pancreatic cancer BxPC-3 and MIA PaCa-2 cells. Results show that ICI 118551 significantly synergized the antiproliferative and pro-apoptotic effects induced by gemcitabine in both BxPC-3 and

MIA PaCa-2 cells ($p < 0.05$ combination vs. gemcitabine or ICI 118551 alone). When cells were treated with the combination of gemcitabine and ICI 118551, NF- κ B activation was blocked; the expression of Bax protein was substantially increased; and Bcl-2 protein was downregulated.

"In this study, our data suggest ICI 118551 potentiates the antiproliferative effects of gemcitabine by inducing apoptosis in pancreatic cancer cells. The study implies that this combination may be an effective therapeutic strategy for pancreatic cancer," Wu said, "Collaborating with Qingyong Ma's laboratory at Xi'an Jiaotong University, China, we have published four papers together during the last two months. We aim to elucidate the mechanisms of the targeted therapy for pancreatic cancer, a fatal disease."

According to the Elsevier website, the *European Journal of Pharmacology* publishes full-length papers on the mechanisms of action of chemical substances affecting biological systems.

Wu laboratory research interests include tumor therapeutic targets, drug discovery, drug targets and biomarkers.

Nursing faculty presents at the University of Pennsylvania



Grandbois

Donna M. Grandbois, assistant professor of nursing, presented "Native American Elders: Exploring the Resilience of Their Lived Experience" at the University of Pennsylvania's School of Nursing Seminar Lecture Series on March 16.

Grandbois talked about plans to conduct a community-partnered needs assessment survey in the Fargo-Moorhead Native community to help acquire funding necessary for a Native American Health and Wellness Center. She also discussed use of transformative research methods to help empower vulnerable communities to be active participants in finding solutions to their own problems through university-to-community research collaboration.

The School of Nursing at the University of Pennsylvania has a long history of embracing students from diverse backgrounds by providing a welcoming and supportive environment to help all students succeed. Their mission is to change the face of nursing to reflect the diversity of a global society in research, education, practice and policy by developing leaders and researchers for the 21st century. Mary Lou de Leon Siantz, assistant dean of Diversity and Cultural Affairs at the University of Pennsylvania, said Grandbois' presentation reflected these goals by sharing her research and commitment to collaboratively advance the causes of Native people and communities.

Grandbois is one of only 21 doctorally prepared Native American nurses in the United States. Grandbois also provided consultation with faculty and staff in the Psychiatric-Mental Health Nursing Program.

Visual arts head presents at Red Lodge Clay Center



Strand

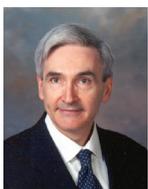
Michael Strand, head of the NDSU visual arts department, has been selected to present an exhibition and lecture during his residency at Red Lodge Clay Center in Red Lodge, Mont., May 1-15. The residency is centered on his project, "Cuplomacy: Function, Form and Mediation."

Strand's practice during the past two years has focused on concepts of benevolence and mediation. His projects use functional handcrafted ceramic ware, which through common or shared use, create actual physical social networks.

Strand straddles the line between journalist, social scientist and activist potter. The work for "Cuplomacy" questions and seeks answers to issues of public and private accessibility, the relationships between religious and political factions, and the deployment of art and craft in culture through art delivery systems that create bridges of communication. He approaches the processes with the optimism that humanity has great potential to prevail over the destructive division that exists today.

Strand will bring four NDSU visual arts students with him to the Red Lodge Clay Center, each with specific projects focused on interacting with the community. The students are Josh Zeis, Meg Roberts, Lenaya Kerlin and Maren Shallman.

Staff present at Northwest Tribal Transportation Symposium



Tolliver

Denver Tolliver, director of the Mountain-Plains Consortium, and John MacGowan, the Upper Great Plains Transportation Institute's national program coordinator, presented at the 18th annual Northwest Tribal Transportation Symposium in Spokane, Wash. The symposium was hosted by the Affiliated Tribes of Northwest Indians – Transportation Committee and the Northwest Tribal Technical Assistant Program to address innovations in transportation and safety for Indian reservation roads.



MacGowan

Tolliver and MacGowan presented "Transportation Asset Management for Tribal Planning" based on studies of safety and maintenance conducted on U.S. highways and state roads in Montana. The session addressed how to apply this knowledge to Indian reservation roads and understand how treatments affect safety of roads. With this information, tribal transportation planners will better understand feasibility of various road maintenance strategies and how to critically analyze roads to adapt planning tools for use on reservation roads.

Tolliver and MacGowan also met with leaders from transportation organizations and tribal leaders. The objective of the meeting was to begin a dialogue and lay the foundation for a long-term, working relationship that will improve tribal transportation planning across the U.S.

The Northwest Tribal Technical Assistance Program is a program funded by Cooperative Agreements with the Federal Highways Administration to assist tribes in developing transportation resources, infrastructure and development opportunities for Northwest Tribes.

HD&E faculty publish and present

Several College of Human Development and Education faculty members and students gave presentations or had research published.

Amelia Asperin, assistant professor of apparel, design and hospitality management, was elected West-Midwest Regional Director for the Foodservice Systems Management Educational Council. The council's members are foodservice and dietetic educators and practitioners committed to improving research, education and practice in foodservice management.

Amy Beutler, Desiree Tande and others had their article, "Caffeinated Energy Drinks: Potential Benefits and Health Risks," published in SCAN's Pulse. SCAN stands for Sports, Cardiovascular and Wellness Nutrition and is a dietetic practice group of the American Dietetic Association. Beutler and Tande completed their master's degree and doctorate, respectively, in the Department of Health, Nutrition, and Exercise Sciences.

Beth Blodgett Salafia and Kristen Benson, both assistant professors in human development and family sciences, presented a poster, "The roles of dating status and BMI in late adolescent girls' body image and sexuality," at the biennial meeting of the Society for Research in Child Development in Montreal in April.

Mari Borr, assistant professor in the School of Education, was named as an honorary member of the North Dakota Family, Career and Community Leaders of America at their state convention on April 12. Borr was selected as an honorary member for her outstanding support of family and consumer sciences programs; Family, Career and Community Leaders of America; and her dedication to the goals and efforts of youth engaged in the program.

Jodi Burrer and Abby Milton, graduate students in the Master of Athletic Training program, had a peer-reviewed abstract selected for a poster presentation at the 2011 National Athletic Trainers' Association annual meeting and clinical symposia in New Orleans in June.

Virginia Clark Johnson, dean of the College of Human Development and Education, and colleagues from West Virginia University, University of Iowa and Manhattanville College, had their manuscript, "Emerging characteristics of education deans' collaborative leadership," selected for publication in the Academic Leadership Online Journal.

Joe Deutsch, assistant professor of health, nutrition and exercise sciences, was named the Midwest Networks of the National Recreation and Parks Association 2011 Outstanding Young Professional. After winning at the state level in the fall, all state winners were considered for this regional award.

Brenda Hall, associate professor of education, and Jamie Anderson, counseling master's degree student, presented at the National Youth-At-Risk Conference March 6-9 in Savannah, Ga. During their presentation, "Developing Positive Teen Dating Identities: A Group Counseling Model for Adolescent Males," they shared information from their research related to intimate partner violence prevention.

Joel Hektner, associate professor of human development and family sciences, led a symposium titled "Promoting social-emotional development and preventing adjustment problems in middle childhood" at the biennial meeting of the Society for Research in Child Development in Montreal in March. He also had a paper in the symposium, "Bringing the rejected and rejecters together: Promoting peer acceptance and social competence in Early Risers Skills for Success."

Denise Lajimodiere, assistant professor in the School of Education, presented "A Great Conversation with Jamaica Kincaid" on April 1 in Grand Forks, N.D., as part of the 42nd annual UND Writers Conference. She also joined Susan Deer Cloud on stage to read some of her poems.

As part of UND Time-Out Week activities, April 4-10, Lajimodiere discussed her research related to Native American boarding schools. Her presentation was titled "Kill the Indian, Save the Man."

Marvin D. LeNoue, doctoral candidate, and his adviser, Ronald Stammen, professor emeritus, School of Education, had a peer-reviewed manuscript, "Blending In: Moving Beyond Categories in Digitally-Mediated Learning," published as Chapter XII in the book, "Blended Learning Across Disciplines: Models for Implementation." The book was edited by Andrew Kitchenham, University of Northern British Columbia, Canada, and published by IGI Global, Hershey, Pa.

Gary Liguori, assistant professor of health, nutrition and exercise sciences; Arupendra Mozumdar, health, nutrition and exercise sciences research associate; and Katrina DuBose, East Carolina University, had their manuscript, "Occupational physical activity and risk of coronary heart disease among active and non-active working-women of North Dakota: A Go Red North Dakota study," accepted into *Anthropologischer Anzeiger*, an English language journal of Biological and Clinical Anthropology.

Erika Offerdahl, assistant professor of chemistry/biochemistry and education, had her National Science Foundation Research Experiences for Undergraduates proposal, "Research on the Prairies: Undergraduate Training in the Molecular Sciences," recommended for funding of \$330,000 for three years. Offerdahl is principal investigator and Mukund Sibi is co-principal investigator.

WooMi Phillips, assistant professor; Kara Wolfe, associate professor; and Amelia Asperin, assistant professor; all in the apparel, design and hospitality management department, had their research presentation, "Exploring Food Neophobia and Perceptions of Ethnic Foods: The Case of Chinese and Thai Cuisines," accepted for the Council on Hotel, Restaurant, and Institutional Education conference in Denver July 27-30.

Brandy Randall, associate professor of human development and family sciences, presented "Intergenerational Transmission: Links Between Young Adult Gambling and Perceived Grandparent Gambling Attitudes and Behaviors" and "Socialization of the Importance of Religion and Prosocial Behaviors Across Two Cultures" at the Society for Research in Child Development biennial meeting in Montreal.

Kelly Sassi, assistant professor of education/English, and local teachers Alissa Helm and Karen Taylor, represented the Red River Valley Writing Project at the spring meeting of the National Writing Project in Washington, D.C., March 30-April 1. The group asked for congressional support of the National Writing Project, whose mission is to improve the teaching of writing K-16. Independent data shows that students of teachers who receive National Writing Project site-based training score higher on all criteria of writing assessment, including language conventions. In 2010, NDSU became a joint partner with UND's Red River Valley Writing Project. Sassi directs the NDSU site.

Doctoral student presents work at transportation conferences



Lee

Eunsu Lee, doctoral candidate in transportation and logistics, has been invited to present at the Geospatial Information Systems for Transportation Symposium. Lee will present research from studying flooding in the Red River Valley, "Visualization for Transportation Network in Flood Region."

The study uses remote sensing datasets to create a three-dimensional (3D) transportation network for geographic information system application. The research includes bridges over the Red River and Interstate Highways 29 and 94 in the 3D model and estimates flooding over roadways. This visualization aids the public's understanding of flooding and transportation flow during a flood.

At the symposium, Lee also will attend workshops and presentations that will contribute to further research. The conference is sponsored by the American Association of State Highway and Transportation Officials, bringing together transportation students, government personnel and private industry leaders. The theme of the conference is "The Keystone of Transportation Information."

Lee also presented "Simulation of Base Stock Inventory Integrated with Transportation Strategy to Optimize Performance" at a recent conference of simulation scholars. The paper was co-written with Farahmand Kambiz.

The Winter Simulation Conference is the premier international forum for presenting advances in the field of system simulation. Lee was asked to present during the doctoral colloquium session focused on logistics, transportation and health. His submission was a finalist for the Best Student Paper Award.

In his study, Lee applied discrete-event simulation to three-layered manufacturing and distribution systems for simulating centralized and decentralized systems. He learned the balance between customer orders and logistics considering lot-sizes, such as pallets and truck configurations, was critical for inventory and transportation costs.

SHORTS & REMINDERS

Positions Available

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

www.ndsu.edu/jobs.

Support Services Manager/#00018987

Dining Services
\$40,000/year
Open until filled

Software Engineer (formerly known as User Interface Engineer)

CNSE
Commensurate w/experience
Open until filled

Associate Director of Career Center/#00019607

Career Center
\$52,000+/year
Open until filled

Project Manager

Facilities Management
Commensurate w/experience
Open until filled

Associate Director of Quality Assurance

Center for Biopharmaceutical Research and Production
Commensurate w/experience
May 17

Communication Coordinator/#00026411

University Relations
Commensurate w/experience
May 17

Agricultural Research Technician – Williston, N.D.

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

Bison Connection Associate/#00025608

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

Nutrition Education Assistant, FNP (Sioux County)

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

Nutrition Education Assistant, FNP (Fort Berthold)

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

Beef Herdsman

Hettinger Research Extension Center
\$32,000+/year
June 1

Athletic Equipment Assistant/#00019749

Athletics
Commensurate w/qualifications
May 16

CALENDAR

MAY

13 **NDSU Surplus Sale** – 11 a.m. to 1 p.m., at 3601 7th Ave. N.

13 **Graduate Recital: Joel Walters, piano** – 7:30 p.m., Beckwith Recital Hall, free and open to the public.

14 **NDSU Spring Commencement** – 10 a.m., Fargodome.

16 **Summer hours begin** – 7:30 a.m. to 4 p.m.

16 **Ladd Legacy Celebration** – 9 a.m. to 6:30 p.m. For more information, visit www.ndsu.edu/chemistry/ladd.html.

16-20 **National Bike or Walk to Work Week**

17 **Core Biology Facility Open House** – 12:30 p.m. to 2:30 p.m., IACC room 316. Meet the new Core Biology Facility manager, Tao Wang and tour the facility.

18 **Going International: Focus on Foreign Subawards Webinar** – noon to 1 p.m., Memorial Union Hidatsa room. For more information, contact Lisa Hauck at 1-8260 or lisa.hauck@ndsu.edu.

19 **Chemistry and Biochemistry Seminar** – Kathryn A. Thomasson, UND, “Protein-Protein and Protein-Ligand Interactions: A Brownian Dynamics Approach,” 3 p.m., Dunbar room 152.

23 **Supervisor Safety Training** – 3 p.m. to 4 p.m., Memorial Union Meadow room.

24 **Baseline Safety Training** – 3 p.m. to 4 p.m., Memorial Union Meadow room.

25 **Baseline Safety Training** – 9 a.m. to 10 a.m., Memorial Union Meadow room.

25-26 **“Dig In” Faculty Technology Workshop** – Visit www.ndsu.edu/its/instructional_services/dig_in for more information.

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

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SEND SUBMISSIONS TO THE EDITOR Linsey Davis | ndsu.its happening@ndsu.edu
Library 16, NDSU Dept 6020, PO Box 6050, Fargo, ND 58108-6050 | Voice: 231-8326 | Fax: 231-8969

TO RECEIVE E-MAIL NOTIFICATION WHEN AN ISSUE IS POSTED ONLINE (NON-NDSU EMPLOYEES) | char.goodyear@ndsu.edu

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