

# NDSU

VOLUME 3 ISSUE 21

IT'S HAPPENING AT STATE

NOVEMBER 15 2011

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## VP for information technology candidates invited for interviews

NDSU's vice president for information technology/chief information officer search committee has selected eight candidates for off-site interviews Nov. 21 and 22.

The candidates include:

**Daniel Burns**, associate vice chancellor for information technology and chief information officer, Purdue University, North Central, Valparaiso, Ind.;

**Lisa Feldner**, chief information officer, Information Technology Department, State of North Dakota, Bismarck, N.D.;

**Wendy M. Woodward King**, director, Technology Support Services, Northwestern University, Evanston, Ill.;

**Dewitt A. Latimer**, special professional faculty, University of Notre Dame, Notre Dame, Ind.; formerly deputy chief information officer and chief technology officer, University of Notre Dame;

**Donald R. Riley**, professor of information systems, University of Maryland, College Park, formerly vice president and chief information officer, University of Maryland;

**Mark Roman**, formerly president and chief executive officer, Canada's Advanced Research and Education Network; formerly chief information officer, University of Victoria, Victoria, British Columbia;

**Marc Wallman**, assistant vice president for enterprise computing and infrastructure, NDSU; and

**Sallie Fulsom Wright**, assistant vice president for information technology, University of Alabama at Birmingham.

The committee will narrow the pool to three to five candidates to bring to campus for interviews beginning Nov. 28.

## Search committee named for dean of science and mathematics

NDSU Provost J. Bruce Rafert has announced the search committee to help select the next dean of the College of Science and Mathematics. He charged the committee with identifying candidates of the high caliber of outgoing dean Kevin McCaul.

McCaul plans to return to a psychology teaching position on July 1, 2012. At that time, he will have served as dean for six years.

Charles Peterson, dean of the College of Pharmacy, Nursing, and Allied Sciences, will chair the 19-member search committee. "The College of Science and Mathematics has always represented some of the best of what NDSU has to offer," Peterson said. "We are hoping to recruit an outstanding individual who can bring the college to the next level of excellence for where it needs to be in the future in serving students, conducting research and offering outreach programs that significantly impact the community and state."

The targeted timetable for the committee calls for applicant screening to begin Jan. 16, with names of finalists sent to Provost Rafert by March 1. During March and April, finalists will participate in on-campus interviews, and the committee's final recommendation is anticipated by May 10. Provost Rafert is expected to select the new dean by June 1, and the person should begin work at NDSU on July 1.

Other committee members include Shannon (Cumiskey) Anderson, graduate student in chemistry; Alyssa Artz, undergraduate student in psychology; Barbara Blakeslee, research professor of psychology; Benton Duncan, associate professor of mathematics; Victoria Gelling, associate professor of coatings and polymeric materials; Diane Goede, administrative projects coordinator; Sivaguru (Siva) Jayaraman, associate professor of chemistry and biochemistry; Kenneth Lepper,

*Continued...*

**NDSU** [www.ndsu.edu/ihas](http://www.ndsu.edu/ihas)

### News and events

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

### Deadline set for Nov. 30 It's Happening at State

The next electronic issue of It's Happening at State will be posted Nov. 30 at [www.ndsu.edu/ihas](http://www.ndsu.edu/ihas). Submissions for that issue are due Nov. 25.

### Madrigal dinner tickets available

Madrigal Dinner tickets are for sale. Enjoy a complete evening of Renaissance dining and entertainment. Call 1-7969 to reserve a seat.

### Flexible Spending Account enrollment open

Flexible Spending Account enrollment runs through Nov. 30. Enrollment can be done online at [www.discoverybenefits.com](http://www.discoverybenefits.com). For more information, contact the Office of Human Resources/Payroll.

associate professor of geosciences; Rhonda Magel, chair of statistics; Sylvio May, associate professor of physics; Jennifer Momsen, assistant professor of biological sciences; William Perrizo, professor of computer science; Donald Schwert, director of the Center for Science and Mathematics Education; Brian Slator, head of computer science; Brent Chisholm, senior research scientist at the Center for Nanoscale Science and Engineering; and Randy Gerhold, research and development site leader for Microsoft Corp., Fargo. Non-voting members include R.S. Krishnan, associate vice president for academic affairs, and Angela Bachman, assistant for faculty searches in the Office of the Provost.

McCaul joined the NDSU faculty in 1978. He earned his bachelor's degree at Southern Methodist University, and his master's degree and doctorate in social psychology at the University of Kansas.

According to the position advertisement, the College of Science and Mathematics has approximately 1,400 undergraduate students and 400 graduate students. It has about 120 tenure track faculty, a \$12.5 million appropriated budget and average annual grant expenditures of \$8 million.

## NDSU holds flag-raising ceremony Nov. 10



*Army ROTC color guard members raise the flag outside the Memorial Union during a ceremony on Veterans Day.*

NDSU held a flag-raising ceremony in honor of Veterans Day on Nov. 10 at 8:05 a.m. outside the south entrance of the Memorial Union. Veterans Day was Friday, Nov. 11, the anniversary of the armistice that ended World War I in 1918.

The flag was raised by the Army ROTC color guard, and a member of the North Dakota National Guard served as trumpeter. Speakers were NDSU President Dean L. Bresciani and retired Maj. Gen. Michael Haugen, former adjutant general of the North Dakota National Guard.

For more information about the ceremony, contact Kara Gravley-Stack at 1-7091 or [kara.gravley-stack@ndsu.edu](mailto:kara.gravley-stack@ndsu.edu).

## ND EPSCoR provides New Faculty Start-Up awards

Five NDSU departments received New Faculty Start-Up awards funded through North Dakota Experimental Program to Stimulate Competitive Research (ND EPSCoR). A total of \$647,000 over two years will be provided in supplemental New Faculty Start-Up funds to new hires in the biological sciences, geosciences, mathematics, pharmaceutical sciences and psychology departments.

The New Faculty Start-Up program's major goal is to staff North Dakota's research-intensive universities with new faculty who will be nationally competitive for grants from federal agency research programs in science, engineering and mathematics. "These funds give chairs of departments the means to provide start-up packages that allow new faculty to equip and staff their laboratories," said Philip Boudjouk, co-chair of ND EPSCoR and vice president for research, creative activities and technology transfer.

ND EPSCoR is a federally and state-funded program designed to help university researchers compete more effectively for federal, regional and private research grants in the sciences, engineering and mathematics. For more information, visit [www.ndepscor.nodak.edu](http://www.ndepscor.nodak.edu) or direct questions to David R. Givers, ND EPSCoR, co-project director, at 1-7516 or [david.givers@ndsu.edu](mailto:david.givers@ndsu.edu).

## NDSU Music Academy opens

Under the direction of Sarah Prigge, music graduate student, the NDSU Music Academy opened this September. In partnership with Peace Lutheran Church, the Academy offers music lessons on a number of instruments and voice to Fargo-Moorhead community members. Registration is now open for spring 2012 lessons.

For more information, visit <https://ndsumusicacademy.musicteachershelper.com/home>.

## TRIO Programs, Bison volleyball commemorate Veterans Day

NDSU TRIO Programs and Bison women's volleyball held a special Veterans Day event at the game versus South Dakota State University on Nov. 11 in Bentson/Bunker Fieldhouse.

TRIO Programs representatives were present to provide information about its services, including the Veterans Upward Bound Program. The first 325 fans also were given an American flag courtesy of the Fargo Army Recruiting Station.

NDSU Trio Programs, part of the NDSU community since 1967, provide veterans, first generation, low-income, under-represented and students with disabilities with services such as pre-college and college level academic assistance, one-on-one tutoring, career guidance and testing.

For more information, call 1-8028 or go to [www.ndsu.edu/trio](http://www.ndsu.edu/trio).

## Social science conference seeks paper proposals

The Western Social Science Association is calling for paper and session proposals for its 54th annual conference April 11-14, 2012, in Houston. The program coordinator for the conference is Tom Isern, University Distinguished Professor of history, who is the organization's president-elect.

Isern said he is responsible for putting together more than 600 presentations for the three-day conference, and he invites colleagues to consider submitting proposals.

"The association is a house with many rooms. It has sections of the program devoted not only to traditional social science fields such as sociology and political science, but also to a variety of subject specializations like women's studies, Canadian studies, chronic disease and disability, and many others," said Isern. "The variety of disciplines and subjects addressed means that the meeting is an opportunity not only for people in traditional social science disciplines but also the humanities, the applied human sciences and other areas. I encourage scholars to have a look at the list of sections of the association and see if one of them might suit their interests."

According to Isern, the association's motto is "Scholarship, Service and Collegiality." He describes the conference as a supportive, constructive venue to present research.

"The senior scholars in the association take seriously, too, the responsibility of inducting junior scholars, including graduate students, into the profession. So, the meeting of the WSSA is a terrific venue for networking and mentorship," Isern said. "The democratic atmosphere of the WSSA is just different from that of the huge, disciplinary conferences."

In addition, the association is hosting a poster session for the first time.

For the call for papers and information on registration, membership and section coordinators, visit <http://wssa.asu.edu>. Isern can be contacted at [isern@plainsfolk.com](mailto:isern@plainsfolk.com).

## Blackboard Mobile app available to NDSU students

Students now have a way to check grades, view assignments and post to discussions on Blackboard using their phone or mobile device. Through a partnership between the IT Division and Student Government, the Blackboard Mobile app is available at no charge to NDSU students and faculty.

The app features a set of text-based menus that students or instructors can use to access class and organization information from anywhere they have smartphone data access.

Nancy Lilleberg, manager of instructional services, said the app will be a benefit to many students. "We are always looking for ways to help the students succeed and making Blackboard more accessible fits in well with that goal," she said.

Blackboard Mobile is available in the app store of most major devices, including iPhone, iPad, Android, Blackberry and Palm. More information is available at [www.ndsu.edu/its/blackboard-mobile](http://www.ndsu.edu/its/blackboard-mobile).

## Voice-over artist visits NDSU Theatre

NDSU Department of Theatre Arts hosted voice-over artist Jobe Cerny Oct. 18. He met with theatre students to discuss his life, business and voice-over work.

Cerny is best known as the voice of the Pillsbury Doughboy, but also has been heard as a Kellogg's Raisin Bran Talking Raisin, a Raid Bug or seen as the silent guy in the Cheer commercials. He also is the president of Cerny/American Creative, a resource that provides casting, artistic direction and sound design for advertising agencies and film companies. More about Cerny can be found at [www.cernyamerican.com](http://www.cernyamerican.com).

The public lecture was sponsored in part by the American Advertising Federation, North Dakota ([www.aaf-nd.org](http://www.aaf-nd.org)).

## Conference examines the 2012 Farm Bill

Won W. Koo, director of the Center for Agricultural Policy and Trade Studies and NDSU professor of agricultural economics, and U.S. Sen. Kent Conrad hosted a national conference titled "2012 Farm Bill: Issues and Challenges," at the Fargo Holiday Inn, Nov. 7-8.

The purpose of the conference was to discuss new farm policy alternatives that protect farmers and ranchers from increasing uncertainty due to volatile commodity prices and input costs, uncontrollable weather, potential budget cuts from federal programs and an ever-changing global trade environment. More than 230 participants attended the forum.

Ken Grafton, interim vice president for agriculture and University Extension, dean of College of Agriculture, Food Systems, and Natural Resources and director of North Dakota Agricultural Experiment Station; and NDSU President Dean L. Bresciani welcomed attendees with opening remarks. Conrad presented the opening address regarding budget implications for U.S. Agricultural Policy, followed by a panel discussion by North Dakota Senators Conrad and John Hoeven, as well as Minnesota Senator Amy Klobuchar and North Dakota Congressman Rick Berg.

Other featured speakers included Michael Scuse, Undersecretary of Farm and Foreign Agricultural Service at USDA; Bill Murphy, administrator of the Risk Management Agency; and Suzanne Heinen, administrator of the Foreign Agricultural Service; as well as several national leaders of farm and commodity organizations. Topic discussed included political environment of U.S. agricultural policy, fundamentals of the new farm bill, emerging issues in U.S. agriculture, agricultural competitiveness and risk management under increasing uncertainty. A panel session also was devoted to farm policy issues and challenges unique to Northern Plains agriculture.

The highlight of the conference will be published by the end of November and speakers' PowerPoint presentations can be found at the Center for Agricultural Policy and Trade Studies website.



## Nominations sought for Tapestry of Diverse Talents

Nominations are being sought for the Tapestry of Diverse Talents, a Memorial Union program that recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU. Each semester individuals are inducted into the Tapestry. Inductees reflect the ages, classes, abilities, ethnicities, genders, races, regional differences, sexual orientations, beliefs and values of the university community.

To nominate someone, all nomination materials must be received in the Student Activities Office by 5 p.m., Monday, Nov. 21. The Tapestry Selection Committee reserves the right to request additional information.

Contact Stephanie Gramlow at [stephanie.gramlow@ndsu.edu](mailto:stephanie.gramlow@ndsu.edu) with any questions.

For more information about the Tapestry of Diverse Talents, visit [www.ndsu.edu/mu/programs/civic\\_engagement/tapestry\\_of\\_diverse\\_talents](http://www.ndsu.edu/mu/programs/civic_engagement/tapestry_of_diverse_talents).

## Nominations sought for student cross-cultural leadership retreat



*Last winter's Kujenga participants*

Faculty and staff are invited to nominate current NDSU students to participate in Kujenga, a leadership-training program aimed at helping students develop intercultural connections and an increased diversity awareness. The overall intent is that the students' experiences will lead to a more inclusive and valuable experience for others at NDSU.

Kujenga consists of two meetings in January and an overnight retreat Feb. 4-5. The target audience for Kujenga is all undergraduate and graduate students, both from other countries and the United States.

The retreat is scheduled during Black History Month. To celebrate, students can take part in an Underground Railroad simulation.

To nominate students to participate in Kujenga, email their name and email address to [amy.graff@ndsu.edu](mailto:amy.graff@ndsu.edu) by 5 p.m. on Nov. 22. The students will then be contacted to determine their interest and commitment to the program.

The Memorial Union and International Programs sponsor Kujenga.

## Project generates volunteerism



*Strand*

Michael Strand, department head for NDSU Visual Arts, helped organize a recent project that generated an outpouring of volunteerism in the community.

During the Studio Crawl on Oct. 1-2, he created an "alternative economy," where participants were challenged to pay for works of art through service rather than currency. The volunteers documented their experiences on Strand's blog at [www.michaeljstrand.com/#!ex.change](http://www.michaeljstrand.com/#!ex.change).

"After communicating the concept to well over 500 people over the weekend, the response was overwhelmingly positive. So much so, that we literally 'sold out' of most items," Strand wrote on his blog. "This project generated over 450 hours of dedicated, new community goodness in the region. This is the equivalent of hiring someone full time for three months working on projects that benefit a broad spectrum of community members."

According to Strand, the system is backed by people's time, rather than gold or printed currency. He said the EX.change pays 15 Exchange Currency for every hour of new community service or volunteer work pledged. Participants then are asked to take photographs of their community service and provide a short written account of their experience.

Strand wrote more EX.change events are being planned, and an EX.change blog will be launched at [www.artstimulus.org](http://www.artstimulus.org) as projects are completed.

## Online event calendar use encouraged

NDSU faculty and staff are encouraged to add campus activities to NDSU's online event calendar.

The calendar is on NDSU's homepage and at [www.ndsu.edu/eventcalendar](http://www.ndsu.edu/eventcalendar). It helps promote major student organization events, meetings, presentations, fine arts events, speakers, conferences, employee training and administrative information, such as holiday and summer hours.

Calendar events can be saved to personal Microsoft Outlook calendars.

NDSU employees may contact their division representative to submit events or get permission to add events.

Division representatives include:

Academic Affairs: [kay.beckermann@ndsu.edu](mailto:kay.beckermann@ndsu.edu) (Fine Arts) or [melissa.lamp@ndsu.edu](mailto:melissa.lamp@ndsu.edu) (Vice President for Academic Affairs)

Agriculture and University Extension: [linda.mccaw@ndsu.edu](mailto:linda.mccaw@ndsu.edu)

Alumni Association: [marilyn@ndsualumni.com](mailto:marilyn@ndsualumni.com)

Athletics: [troy.m.goergen@ndsu.edu](mailto:troy.m.goergen@ndsu.edu)

Equity, Diversity and Global Outreach: [amy.ochoa@ndsu.edu](mailto:amy.ochoa@ndsu.edu)

Finance and Administration: [gina.a.haugen@ndsu.edu](mailto:gina.a.haugen@ndsu.edu)

Information Technology: [amber.rasche@ndsu.edu](mailto:amber.rasche@ndsu.edu)

Research: [kay.sizer@ndsu.edu](mailto:kay.sizer@ndsu.edu)

Student Affairs: [deanne.sperling@ndsu.edu](mailto:deanne.sperling@ndsu.edu)

University Relations: [laura.mcdaniel@ndsu.edu](mailto:laura.mcdaniel@ndsu.edu)

## ND Water Resources Research Institute seeks fellowship applicants

The North Dakota Water Resources Research Institute invites 2012 Graduate Research Fellowship program applications.

NDSU and University of North Dakota graduate students, who conduct or plan research in water resources, can apply for fellowships of varying duration, ranging from three months to one year. Typically, fellowship awards range from \$800 to \$1,000 per month for master's degree students and \$1,000 to \$1,400 per month for doctoral students. The fellowship funds must be applied between March 1, 2012, and Feb. 28, 2013. A technical completion report co-written by the fellow and the adviser is expected of each fellowship research project.

Research proposed for fellowship support should relate to water resources issues in the state or region. Regional, state or local collaborations or co-funding will strengthen an application. Fellowships have a matching requirement of two non-federal dollars to one federal dollar. At the time of applying, applicants should have a plan of study filed and/or a thesis research topic selected. Applications need to be prepared in consultation with advisers. The applications should be co-signed by the applicants' advisers. Applications from students and advisers who have not met the reporting requirements of their previous fellowship projects will not be considered for funding.

General criteria used for proposal evaluation include scientific merit, originality, research related to state or region, and extent of regional, state or local collaboration and/or co-funding. A panel of state water resources professionals will review the proposals.

Award announcement will be made by early January, subject to the appropriation of funds for the fiscal year 2012 program by the federal government.

For more information on the program and guidelines for preparation of applications, visit [www.ndsu.edu/wrri](http://www.ndsu.edu/wrri).

Applications are due by 5 p.m., Dec. 2.

Submit original and four hard copies of applications to Linda Charlton, North Dakota Water Resources Research Institute, Family Life Center (FLC 320), NDSU Dept 2030, PO Box 6050, Fargo, ND 58108-6050 and an electronic copy in Word format to [g.padmanabhan@ndsu.edu](mailto:g.padmanabhan@ndsu.edu).

For additional information, contact G. Padmanabhan, professor of civil engineering, at [g.padmanabhan@ndsu.edu](mailto:g.padmanabhan@ndsu.edu) or Linda Charlton, ITS tech coordinator, at [linda.charlton@ndsu.edu](mailto:linda.charlton@ndsu.edu).

## Phi Kappa Phi Honor Society to recognize new members

The Phi Kappa Phi honor society is scheduled to welcome new NDSU Chapter members at a recognition ceremony on Wednesday, Nov. 16, at 5 p.m. in the NDSU Memorial Union Ballroom. The organization is the oldest and largest collegiate honor society dedicated to the recognition and promotion of academic excellence in all disciplines.

Membership in Phi Kappa Phi is NDSU's highest academic recognition and the only academic honor that appears on NDSU transcripts. The NDSU chapter of Phi Kappa Phi invites only the top 7.5 percent of second-semester juniors and the top 10 percent of seniors and graduate students to join. Membership in the prestigious society confers opportunities to apply for scholarships and national fellowships.

## Phi Upsilon Omicron honor society initiates new members

The College of Human Development and Education has initiated 64 new members into the national honor society, Phi Upsilon Omicron. Membership is based on academic excellence, personal and professional leadership, personal and professional integrity and service.

The new Beta Chapter initiates are Ciara Aldrich, Megan Anderson, Keith Bennett, Joshua Boe, Danielle Bursey, Ashley Campbell, Jenna Cronen, Kylie Dale, Lisa Fricke, Sarah Gress-Winter, Sarah Hardesty, Sheyenne Hill, Katie Kirschenmann, Amy Miller, Fargo; Kayla Andreasen, Hoffman, Minn.; Michael Bashford, Frazee, Minn.; Sydney Becker, Jocelyn Woodward, Bismarck, N.D.; Quinn Benson, Steele, N.D.; Amber Carlson, Finley, N.D.; Amanda Crockett, Kristin Schmidt, Minot, N.D.; Ashley Dauner, Hawley, Minn.; Hannah Dissmore, Menahga, Minn.; Elizabeth Dvorak, West Fargo, N.D.; Nicole Eberle, Long Prairie, Minn.; Amanda Ellingson, Spicer, Minn.; Emily Eltgroth, Hutchinson, Minn.; Kelli Erhardt, Mandan, N.D.; Meghan Folkerts, Renville, Minn.; Lacey Frank, Rhame, N.D.; Jacquelyn Goebel, Verona, Wis.; Nicole Hackenmueller, St. Michael, Minn.; Brittini Heiser, Baker, Mont.; Kerri Hoheisel, Lake Stevens, Wash.; Jessica Hotchkiss, Christine, N.D.; Kelsey Joyce, Brooklyn Park, Minn.; Jacob Klingbeil, Langdon, N.D.; Rebecca Huckeby, Katie Koep, Jessica Peyerl, Megan Tiede, Fergus Falls, Minn.; Carly Lenihan, Kole Seiler, Bismarck, N.D.; Sara Mack, Leola, S.D.; Janet Morken, Walcott, N.D.; Nicole Olson, Brianna Schultz, Hawley, Minn.; Megan Piper, Durbin, N.D.; Jaime Raden, Prior Lake, Minn.; Madeline Rajtar, Champlin, Minn.; Alaina Ramstad, Minneapolis; Allison Rubie, New Ulm, Minn.; Craig Schatz, Linton, N.D.; Nicole Seaberg, Moorhead, Minn.; Kristen Smith, Lakeville, Minn.; Kyle Sundmark, Elmo, Minn.; Ryan Swenson, Breckenridge, Minn.; Hannah Thingelstad, Grand Forks, N.D.; Stephanie Wiczorek, Chaska, Minn.; Lauren Wilvers, Plymouth, Minn.; Alycia Woodard, Rogers, Minn.; Toni Hampton, Benson, Minn.; and Laura Holien, Britt, Minn.

Phi Upsilon Omicron was established as a national honor society in 1910. In 1914, the College of Human Development and Education Beta chapter was founded as the second chapter in the nation. Today, there are more than 60 chapters with 92,000 members.

## Emergency management student receives scholarship

James Menke, a senior majoring in emergency management from Jordan, Minn., was awarded the Command Sergeant Major L. Ken Fisher Emergency Management Scholarship provided by the International Association of Emergency Managers Scholarship Program.

Menke is one of three recipients from a competitive pool of students pursuing undergraduate and graduate degrees with course work in emergency management and community planning. The mission of the scholarship program is to support the emergency management profession by recognizing and developing students with intelligence and technical abilities to improve emergency management.

The award of \$1,000 is given on the basis of high academic standing, excellent writing skills and commendable reference letters. "James has been one of our top students and his international award underscores the value of NDSU's emergency management program," said Daniel J. Klenow, emergency management department head.

## Plucker named candidate for Lowe's Senior CLASS Award

NDSU forward Abby Plucker is among 60 NCAA men's and women's basketball student-athletes selected as candidates for the 2011-12 Lowe's Senior CLASS Award. To be eligible for the award, a student-athlete must be classified as an NCAA Division I senior and have notable achievements in four areas of excellence – community, classroom, character and competition.

Plucker is a senior from Parker, S.D., who is majoring in dietetics. She was a 2011 first team All-Summit League honoree. An alternate for the U.S. 2011 Pan American Games team, she has served as The Summit League Student-Athlete Advisory Council vice president and the NDSU advisory council president and vice president. Plucker was a 2011 CoSIDA Academic All-District third team selection and a three-time Summit League All-Academic team and Commissioner's List of Academic Excellence award winner.

Plucker, a recipient of the Blue Key Honor Society Prairie Rose scholarship, is also a member of the Student Dietetic Association and Government Relations in Intercollegiate Affairs.

An acronym for "Celebrating Loyalty and Achievement for Staying in School," the Lowe's Senior CLASS Award focuses on the total student-athlete and encourages students to use their platform in athletics to make a positive impact as leaders in their communities.

The 60 candidates will be narrowed to 10 finalists in both men's and women's basketball midway through the regular season, and those 10 names will be placed on the official ballot. Lowe's will announce the women's award winner during the NCAA Women's Final Four, which will be held April 1 and 3 in Denver.

## Dean, Gaffaney earn Capital One Academic All-District Honors

NDSU soccer players Megan Dean and Michelle Gaffaney were named to the Capital One Academic All District 6 First Team on Nov. 4. The team was selected by members of the College Sports Information Directors Association (CoSIDA).

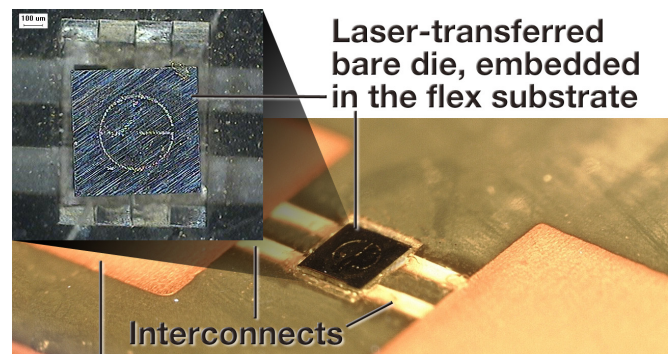
Dean was selected to the first team after earning second team honors the past two seasons. A senior defender, she has a 3.95 grade point average in exercise science.

Gaffaney earned her first career academic all-district honor. The senior midfielder is active in Serving for Change, an organization dedicated to social issues locally and globally, and the American Medical Student Association.

Both Dean and Gaffaney advance to the national ballot for the Capital One Academic All-America soccer team. To be eligible, student-athletes must have a 3.30 or better cumulative GPA on a four-point scale, have sophomore athletic standing and be a starter or key reserve for their team.

### RESEARCH

## CNSE develops laser-enabled electronic packaging technology



*A new electronics manufacturing technology developed at NDSU's Center for Nanoscale Science and Engineering eliminates challenges facing conventional packaging techniques and shows promise to significantly reduce the size and unit cost of microelectronic devices.*

Small. Fast. Precise. A new electronics manufacturing technology developed at NDSU's Center for Nanoscale Science and Engineering eliminates challenges facing conventional packaging techniques and shows promise to significantly reduce the size and unit cost of microelectronic devices. The technology, called Laser-Enabled Advanced Packaging (LEAP™), has the potential to enable high-volume handling, placement and interconnection of microelectronic components smaller than ever before possible.

CNSE researchers have successfully implemented the LEAP™ technology to fabricate the first-ever functional electronic device with a laser-assembled, ultra-thin silicon chip embedded in a flexible substrate. The research group is led by Val Marinov, associate professor of manufacturing engineering; and includes Orven



Swenson, associate professor of physics at NDSU; graduate research assistants Ferdous Sarwar and Yuriy Atanasov; research engineer apprentice Ross Miller; Bernd Scholz, CNSE research engineer; and postdoctoral researcher Jingling Yan. Past participants in the research group include former CNSE research scientist Zhigang Chen, postdoctoral researcher Samali Datta, graduate research assistants Deyan Mihaylov and Sourin Bhattacharya, and undergraduate research assistant Matthew Semler.

The LEAP™ technology offers a new paradigm for numerous types of flexible and potentially disposable microelectronic devices, such as garment-integrated RFID tags, intelligent sensors platforms and self-adapting conformal antennas. “This technology has strong potential in the near future outside of defense applications to reduce the unit cost of high volume single-chip devices such as RFID tags, smart cards, chip-and-pin bank cards and ‘smart’ bank notes,” said Aaron Reinholz, associate director for electronics technology at CNSE.

A key part of LEAP™ is the patent-pending process, Thermo-Mechanical Selective Laser Assisted Die Transfer (tmSLADT™). This process selectively and rapidly places ultra-thin semiconductor chips at specific locations and orientations with high precision. According to the researchers, no other high-volume techniques currently exist for the selective placement of such ultra-thin, flexible components essential to fabricate electronic devices on flexible substrates, with various types of active and passive embedded components. “These types of components are especially of interest for flex substrate electronics, as they allow devices to bend, roll and be manipulated into complex geometries,” said Reinholz.

The LEAP™ technology is outlined in “Laser-Enabled Advanced Packaging of Ultrathin Bare Dice in Flexible Substrates” which has been accepted for publication by IEEE Transactions on Components, Packaging and Manufacturing Technology, manuscript TCPMT-2011-105.

This material is based on research sponsored by the Defense Microelectronics Activity (DMEA) under agreement number H94003-11-2-1102. This information does not necessarily reflect the position or the policy of the government and no official endorsement should be inferred.

## PEOPLE

### Department chair named

Sreekala Bajwa will become the chair of NDSU’s Department of Agricultural and Biosystems Engineering. Bajwa, an associate professor of agricultural engineering at the University of Arkansas, will have the rank of professor at NDSU. She will start her new appointment on or before Feb. 29.

“Dr. Bajwa will bring a great set of teaching, research and outreach skills to the department and will provide excellent vision and leadership to ensure the success of the faculty, staff and students in this important department,” says 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.

Bajwa earned a doctorate from the University of Illinois at Urbana-Champaign. She joined the University of Arkansas in 2001 as an assistant professor and became an associate professor in 2007.

Her responsibilities at the University of Arkansas included teaching, advising undergraduate and graduate students, and research. Her research topics include remote sensing, agricultural air quality, water quality, precision agriculture and biofiber composites. She has written or co-written more than 30 peer-reviewed publications and 70 conference presentations.

### Counseling Center director serves on Counseling Services’ boards

Bill Burns, director of the NDSU Counseling Center, recently was named chair of the Board of Accreditation and president-elect of the board of directors for the International Association of Counseling Services. The association accredits college and university counseling centers around the world and is based in Alexandria, Va. It encourages and aids counseling services throughout the United States and internationally to meet high professional standards, informs the public about centers which are competent and reliable and fosters communication among counseling services operating in a variety of settings. The NDSU Counseling Center is one of two North Dakota University System schools accredited by the International Association of Counseling Services.

The association is committed to furthering the visibility of the counseling profession and improving its quality. It has evolved standards that define professional quality and has established criteria for accreditation, which reflect these standards. International Association of Counseling Services accreditation also acts as a stimulus to counseling centers to upgrade their professional services to meet accreditation standards; and it provides the profession and the public with information about the services it has accredited.

## Institute for Regional Studies and University Archives names director



Robinson

Michele Reid, dean of libraries, has announced Michael J. Robinson has been named director of the Institute for Regional Studies and University Archives. Robinson succeeds John Bye, who retired Nov. 4.

"Mike brings a wealth of knowledge and experience to the Archives director position. Please join me in congratulating him on his well-deserved promotion," Reid said. "He will be joining the senior librarians, and also play a crucial part in implementing new archives services and facilitating new collaborations with faculty and other university departments."

Robinson joined NDSU in 1996 as an archivist and the coordinator of the University Archives. He also served as interim records management coordinator in 2008-09. In addition, he has taught Archival Theory and Practice for the NDSU history department since 1997, and supervised various student field experiences.

Robinson has held numerous library and university committee assignments, presented histories of NDAC/SU, administered the University Archives Flickr site and has been the adviser to NDSU's chapter of the Delta Upsilon fraternity since 2005.

"I am very excited about being given this opportunity and look forward to continuing to collect, process and make available the rich historical materials of the Institute for Regional Studies and the University Archives to students, faculty and scholars," Robinson said.

Prior to coming to NDSU, he was the project and processing archivist for the Town of Hempstead, N.Y. Robinson earned a bachelor's degree in history from Ripon College, his master's degree in student personnel administration at Indiana University and a master's degree in library science and certificate of advanced study in archival management from Long Island University.

## Tri-College University Provost to serve on educational committee



Flakoll

Tri-College University Provost Tim Flakoll has been selected to serve on the steering committee for a new statewide education project titled Succeed 2020.

On Nov. 8, Gov. Jack Dalrymple and Hess Corp. announced a \$25 million donation from the Hess Corp. to fund an initiative aimed at helping North Dakota students become better prepared for college and careers. "Specific goals of Succeed

2020 include increasing ACT scores, decreasing the need for developmental or remedial education, and increasing the number of students who complete high school and college programs on time," Flakoll said.

Flakoll, who is also a state senator, will serve on the committee with state Rep. RaeAnn Kelsch. Flakoll will advise the project during the implementation phase, which will last through June 2017.

"Hess selected North Dakota because we already have a number of systems in place which will allow us to nimbly move toward progress which will enhance education outcomes," Flakoll said. "North Dakota has a history and culture of willingness to move in new directions to improve education and increase the achievement of our students."

## Emergency management assistant professor teaches pilot course



Carol Cwiak, front row left, with instructors and attendees of the course offered to Historically Black Colleges and Universities representatives.

Carol Cwiak, assistant professor of emergency management, taught the Federal Emergency Management Agency's pilot offering of "Integrating Emergency Management Into Your Institution." The program is designed to increase emergency management course and degree offerings in minority serving institutions. Cwiak served as a subject matter expert by the agency in the course development stage and helped craft and review final course materials. The pilot offering was attended by faculty and administrators from Historically Black Colleges and Universities. The Federal Emergency Management Agency developed the course to help meet its mission to increase diversity in the field of emergency management. In the past year, Cwiak also participated in a FEMA-sponsored conference focused on emergency management program development for tribal colleges.

Cwiak is the executive director of the Emergency Management Higher Education Consortium and is heavily engaged in the advancement of emergency management higher education directives. She has worked closely with the Federal Emergency Management Agency's Higher Education Program since 2004 to support, develop and promote materials that further the field of emergency management's efforts to professionalize. Cwiak frequently presents on topics regarding emergency management higher education and has provided program start-up assistance to many new academic programs at the Federal Emergency Management Agency's request.



## EVENTS

## Atomic Learning training session scheduled

NDSU Distance and Continuing Education has coordinated training sessions on the training solution, Atomic Learning. Sessions are available for faculty and staff on Wednesday, Nov. 16, from 10:30 a.m. to 11:30 a.m. and from 1 p.m. to 2 p.m. (select one session) at the Fargo Ramada Plaza and Suites, 1635 42nd St. S. Lunch will be served from noon to 12:45 p.m., and attendees from each session are invited to join. The one-day training session ranges from the basics of select technology tools to the more advanced and specific features.

Atomic Learning is a technology learning solution available to all NDSU faculty, staff and students and provides access to educational resources on popular software titles.

The training session provides participants the opportunity to:

- Learn new technologies for professional development purposes.
- Incorporate what you've learned into teaching curricula to improve students' learning abilities.
- Find out about thousands of short video tutorials offering basic and advanced knowledge on hundreds of software applications and many popular technology programs your students can use.
- Ask specific questions.

Departments should contact Lisa McNamara at [lisa.mcnamara@ndsu.edu](mailto:lisa.mcnamara@ndsu.edu) to set up a customized training session.

Registration is free and includes lunch, but space is limited. Register online at <http://ndsu.me/dceal>. For more information, email [lisa.mcnamara@ndsu.edu](mailto:lisa.mcnamara@ndsu.edu) or call 1-7015. Access Atomic Learning by visiting the Distance and Continuing Education website, under Faculty Resources "Get Help" area located at the top of the website, [www.ndsu.edu/dce](http://www.ndsu.edu/dce).

## NDSU Bookstore schedules events

### Book Signing

The NDSU Bookstore in the Memorial Union will host a book signing by author Patrick Atkinson and illustrator Ernesto Atkinson (an NDSU alumnus) for their book "A Message For My Child," on Nov. 16 from 11 a.m. to 2 p.m. All proceeds from the sale of the book help feed, clothe and house orphaned children. For more information, visit [godschild.org](http://godschild.org) and [itemp.org](http://itemp.org).

### Santa Sale

The NDSU Bookstore in the Memorial Union and Richard H. Barry Hall will host the Santa Sale (formerly known as the Holiday Open House) on Thursday, Nov. 17, from 7:30 a.m. to 6 p.m.

Customers will receive 30 percent off all purchases that day, excluding textbooks, diploma frames, graduation apparel, electronics and convenience items.

Holiday treats, prizes (an iPad and NDSU Bookstore gift cards) and games will be available.

Beginning at 1 p.m., individuals can have their picture taken with Santa and Mrs. Claus for a minimum \$1 donation, which will be given to the YWCA Women's Shelter.

## Pharmaceutical sciences research lecture planned

The Department of Pharmaceutical Sciences in the College of Pharmacy, Nursing, and Allied Sciences invited distinguished scientist Hong-Gang Wang to deliver a research lecture and to meet with the department faculty and graduate students.

Wang will present "A New Strategy for Effective Cancer Therapy: Switching Autophagy from Survival to Apoptosis via iDISC Formation" on Nov. 17 from 9:30 a.m. to 10:30 a.m. in Sudro Hall room 26. The seminar is open to anyone interested in pharmaceutical and biomedical research.

Wang is a Lois High Brestler Professor of Pharmacology at Penn State College of Medicine, Hershey, Pa. He earned his doctoral degree from University of Tsukuba in Japan and conducted his postdoctoral training at Burnham Institute.

Wang's research is concerned with understanding the fundamental mechanisms that control apoptosis and autophagy in the context of oncogenesis. He also is interested in drug discovery through the development of small molecules that directly target the molecular components of apoptosis and autophagy.

Wang and his group are exploring the precise mechanisms underlying Bif-1-mediated apoptosis and autophagy to better understand how Bif-1 functions as a tumor suppressor. His group also has been collaborating with medicinal chemists during the past decade for the development and characterization of novel anticancer agents such as Bcl-2 specific inhibitors. The ultimate goal of Wang's research is to translate basic science research discoveries to the development of new approaches for the prevention and treatment of cancer.

Wang has been continuously funded by the National Institutes of Health with RO1 grants and program projects as principal investigator. He serves on the Cancer Molecular Pathobiology Study Section of the National Institutes of Health, and Editorial Boards and reviewers of numerous biomedical journals. He has contributed to more than 100 publications.

For more information, contact Jagdish Singh at 1-7943.

## World iView presentation scheduled for Nov. 17

Samee U. Khan, assistant professor of electrical and computer engineering, will present "iPakistan: invest in Pakistan" on Nov. 17 at noon in the Memorial Union Meadowlark room as part of the World iView series.

Khan said the talk will detail several strategic investments of the U.S. government in Pakistan that most of people are unaware of – the good news that never makes it back home. He said investments in education, research and development, human-centric projects and human resource development sectors have strengthened ties between the two countries.

## History, philosophy and religious studies colloquium scheduled

The history, philosophy and religious studies department's November colloquium will feature David Silkenat's "Driven Away from Home: The American Civil War Considered as a Refugee Crisis." The event is scheduled for Thursday, Nov. 18, at 3 p.m. in the Memorial Union Hidatsa room.

Silkenat said the Civil War generated one of the largest refugee crises in American history. Throughout the Confederacy, black and white Southerners fled away from and toward Union lines. Far from home, they found themselves living in refugee camps, without adequate food and shelter, and suffering from homesickness, malnutrition and epidemic disease. "A significantly understudied aspect of the American Civil War, this refugee crisis sheds light on the lived experience of thousands of civilians driven from their homes," Silkenat said. "One of the most important and distinctive features of the Confederate refugee crisis was its diversity, as Southerners of all races, genders, classes and political alliances chose or were forced to move as a consequence of the Civil War. Recognizing the importance of these voluntary and involuntary migrations should force us to reconsider how we understand the Confederate home front when so many Southerners experienced the war away from home."

Silkenat, assistant professor of history and education, has taught at NDSU since 2008. His work has received recognition from the Southern Historical Association and the North Caroliniana Society. He recently published articles in the North Carolina Historical Review and Journal of the Illinois State Historical Society. He is the author of "Moments of Despair: Suicide, Divorce, and Debt in Civil War Era North Carolina."

Direct special needs requests or questions about this event to Dennis Cooley at [dennis.cooley@ndsu.edu](mailto:dennis.cooley@ndsu.edu) or 1-7038.

## Department to host water recycling program

The civil engineering department will host an International WaterRediscover Conference on Saturday, Nov. 19, from 7:30 a.m. to 10 a.m. in E. Morrow Lebedeff Hall room 183.

WaterRediscover is an international program on water recycling/reuse among middle and high school students. Five teams from Bangladesh, India, Uganda and the U.S. will present their research findings from their six-month long projects where they designed, fabricated, tested wastewater recycling units following the Engineering Design Process. The primary objective of WaterRediscover is to promote STEM education among young students. It also gives students in the U.S. an opportunity to interact with their peers across the globe.

The U.S. team will join the teleconference from the NDSU campus while the other teams will participate from their home towns. Each team will make a 15-minute presentation, which will be followed by interactions. President Dean L. Bresciani will inaugurate the teleconference.

This program is noncompetitive, and this year each participant in the WaterRediscover program will receive a certificate from NDSU. The video conference will be streamed live on Nov. 19.

Faculty and staff are invited to be in the audience for the teleconference. Grade 6-12 students are especially encouraged to attend. E. Morrow Lebedeff Hall room 183 can accommodate up to 30 people, so reservations will be needed. Contact Achintya Bezbaruah at [a.bezbaruah@ndsu.edu](mailto:a.bezbaruah@ndsu.edu) or 1-7461 to reserve a seat.

## 'The Power of History' outdoor photography exhibition planned

"The Power of History," a one-night outdoor exhibition created by NDSU Visual Arts photography students, is scheduled for Saturday, Nov. 19, from 7:30 p.m. to 9 p.m. at the Moorhead Power Plant, 6th Avenue South and Elm Street.

Led by instructors Su Legatt and Mark Anthony, photography students have created a series of images of the historic Moorhead power plant along the Red River. The images, combined with music, will be projected onto the side of the power plant in a unique exhibition event. The "Power of History" is free and open to the public.

## Fall Discover U scheduled for Nov. 30

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

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

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

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

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

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

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

## Theatre NDSU to present 'Miss Julie'

Theatre NDSU begins its 98th season with the musical "Miss Julie," August Strindberg's classic drama about love, lust and social class.

"Miss Julie" runs Nov. 30-Dec. 4 in the Walsh Studio Theatre. Show times are 7:30 p.m. Wednesday-Saturday and 2 p.m. on Sunday.

Originally written in Swedish, the script for the production was translated by Rooth Varland, coordinator of the NDSU Department of Theatre, and adapted by Lori Horvik, director.

The drama is set in 1874 on the estate of a Swedish count, where Miss Julie attempts to break away from an existence cramped by social customs. She dances at the servants' annual midsummer party, where she is drawn to a senior servant named Jean. The pair enter a relationship, and in the end, Jean convinces her the only way to escape her regretted predicament is to take a step leading to a morally incomprehensible action.

Tickets for NDSU faculty and staff (and up to four guests) are free on opening night, Nov. 30, only. To reserve the free tickets, call the Fine Arts Box Office at 1-7969 or email [ndsufinearts@ndsuedu](mailto:ndsufinearts@ndsuedu).

Additional information and other tickets for "Miss Julie" are available at [www.ndsu.edu/finearts](http://www.ndsu.edu/finearts). The season continues in February with "Wokashi: a Program of Classic Kyogen Comedies."

## Women in Research meeting scheduled for Dec. 1

A Women in Research meeting titled "How to join the STEM Movement and/or Commercialize Your Research" is scheduled for Thursday, Dec. 1, from noon to 1:30 p.m. in the Memorial Union Meadow Lark room. Lunch will be served.

A three-person panel will give attendees tools to help NDSU and the state of North Dakota attract more students to STEM (science, technology, engineering and mathematics) careers. Lisa Gulland-Nelson, STEM coordinator for the Greater Fargo Moorhead Economic Development Corp., will present a snapshot of efforts in North Dakota to encourage more students and professionals to excel in STEM fields. She'll also have a video montage underscoring rapid changes in society and how STEM helps address those knowledge gaps.

Mary Batcheller, director of business development at the Greater Fargo Moorhead Economic Development Corp., and Kathy Coyle, from USDA Rural Development, will explain funding options available for individuals to create their own company.

RSVP for the meeting to Annie Tangpong at [annie.tangpong@ndsuedu](mailto:annie.tangpong@ndsuedu) by Nov. 28.

## Baroque Festival concludes Dec. 11

The annual Baroque Festival will conclude Dec. 11 at 2 p.m. in Festival Concert Hall with the traditional performance of selections from Handel's Messiah and Kuhnau's Magnificat.

Tickets are \$15 for adults, \$12 for seniors and \$5 for students. To purchase tickets, call 1-7969 or visit

<http://tickets.ndsu.nodak.edu/orderticketsarea.asp?p=125&a=8&backurl=default.asp>.

## Campus tours scheduled

Staff Senate and Human Resources/Payroll are joining forces to provide staff members (newly hired or not) an opportunity to tour the campus and learn more about NDSU.

Hour-long tours are scheduled for Tuesday, Dec. 13, at 10 a.m. and 2 p.m. The tours will start at the south entrance of the Memorial Union. Bus loading will begin 30 minutes prior to each tour.

Reserve a spot on the tour by contacting Sheila Boyda at [sheila.boyda@ndsuedu](mailto:sheila.boyda@ndsuedu) or 1-5657 as soon as possible.

## Farewell event planned for Bonnie Neas



Neas

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

In August 2007, Neas assumed leadership of the Information Technology Division at NDSU. She will retire from this position on Dec. 15.

Neas began her career at NDSU in 1984 as manager of user services at the university's computer center. She also served as associate vice president for cyberinfrastructure, interim deputy CIO and executive director for ConnectND, and associate vice president for federal government relations at NDSU.

All students, faculty and staff are invited to join Bonnie Neas and her family during this farewell event. Individuals who cannot attend may send their best wishes to [bonnie.neas@ndsuedu](mailto:bonnie.neas@ndsuedu).



## PUBLICATIONS/PRESENTATIONS

### Students and faculty attend regional sociological conference



Patty Corwin and Dean Kent Sandstrom

Patty Corwin, senior lecturer of sociology, received the Excellence in Service Award at the Great Plains Sociological Association meeting held Oct. 13-14 in Spearfish, S.D. Also, several sociology students and faculty presented papers at the conference.

Papers and presenters included:

“Impacts of ‘Boom-Bust’ Cycles on Natural Resource-Dependent Communities: Lessons Learned from a Review of the Research Literature” – Audrey Putz, Alex Finken and Gary Goreham

“Fargo-Moorhead Red River Diversion Plan” – Andrew Kubas

“Concerns of the North Dakota Bakken Oil Counties” – Emily McCallum, Shelby Bohnenkamp, Alex Finken, Audrey Putz and Gary Goreham

“Intergenerational Farmland Transfer in North Dakota” – Shelby Bohnenkamp

“Understanding Child Work in the 21st Century” – Courage C. Mudzongo

### Faculty member writes book on forgotten Marines

Terence Barrett, part-time academic staff member in the psychology department, has written a book commemorating heroic actions of forgotten Medal of Honor recipients from World War II, Korea and Vietnam. “The Search for the Forgotten 34: Honored by the U.S. Marines, Unheralded in their Hometowns?” is available for sale online at Amazon.com and on Kindle Books.

Barrett, who served in the U.S. Marine Corps for seven years as an aviator officer, spent years researching the lives of 34 medal recipients who went without hometown tributes for four to six decades despite their heroism. In the book, Barrett recounts their stories, hoping to give honor and respect to the men.

“I hope that this book also provides encouragement and inspiration for active military members overseas who are putting themselves in harm’s way for this country,” Barrett said.

Barrett is a licensed psychologist in private practice, consults at the Fargo Vet Center and teaches for NDSU’s psychology department. He also wrote “Life After Suicide: The Survivor’s Experience” and completed “Semper Fidelis: A Psychological Study of Heroic Bravery” in 2006.

### Scholar presents on food science research



Shetty

Kalidas Shetty, professor of food science at the University of Massachusetts-Amherst and former Jefferson Fellow for the U.S. Department of State, presented “Internationalization of Higher Education and the Innovation Economy: Emerging Global Partnerships” on Nov. 10 in the Memorial Union Century Theater.

His presentation focused on how U.S. higher education can build effective collaborations around the world, how to advance research and education related to global food security and safety, and business opportunities related to food science and nutrition.

“Dr. Shetty is performing groundbreaking work on aligning agriculture, food science, nutrition and public health in response to some of the most daunting challenges of the world – delivery and food security for an ever-expanding global population now in excess of seven billion people,” said NDSU Provost Bruce Rafert.

Shetty earned his bachelor of science in applied microbiology from the University of Agricultural Sciences in Bangalore, India. He earned his master’s degree and doctorate in microbiology from the University of Idaho, Moscow.

He pursued postdoctoral studies in plant biotechnology at the National Institute of Agro-Biological Sciences in Japan and the University of Guelph in Canada. He joined the University of Massachusetts-Amherst in 1993 as assistant professor of food biotechnology.

In 1998, Shetty was awarded the Asia-Pacific Clinical Nutrition Society Award for his contributions to the areas of phytochemicals, functional foods and human health based on his understanding of Asian food traditions and traditional food systems. He was awarded the Outstanding Research and Creativity Award at the University of Massachusetts in 2006.

In October 2003, the U.S. Department of State created the Jefferson Science Fellows program to bring academic knowledge into the implementation of U.S. foreign policy. Shetty was named inaugural Jefferson Science Fellow in 2004. In this role, he was a science adviser on foreign policy issues for one year at the State Department. Following the fellowship, he served as a resource to the State Department for an additional five years.

For more information on the presentation, contact the Provost’s Office at 1-7131.

## Human Development and Education faculty present and publish

Brent Young, assistant professor of agricultural education, and former faculty member Angie Hodge will have their paper, "Learning Mathematics in High School Courses Beyond Mathematics: Combating the Need for Post-secondary Remediation in Mathematics," published in the *Journal of Career and Technical Education Research*. The purpose of their study was to empirically test the posit that students who participated in a contextualized, mathematics-enhanced high school agricultural power and technology curriculum and aligned instructional approach would develop a deeper and more sustained understanding of selected mathematics concepts than students who participated in the traditional curriculum and instruction. This study included teachers and students from 32 high schools (16 experimental classrooms; 16 control classrooms).

In honor of Veterans Day, the Emily Reynolds Historic Costume Collection presented a selection of military uniforms. Each of the five uniforms displayed has an NDSU affiliation or local connection. Three of the uniforms were worn by graduates from NDSU or the North Dakota Agricultural College. The other two uniforms were worn by Fargo and Moorhead residents.

Kevin Miller, assistant professor in athletic training, will serve as chair of the National Athletic Trainers Associations Annual Meeting's Special Topics and Peer-to-Peer Presentation Sessions. The National Athletic Trainers Association's annual symposium is the largest gathering of certified athletic trainers in the world with approximately 10,000 attendees.

North Central Association for Counselor Education and Supervision announced the 2011 award winners. The NDSU Counselor Education Program was awarded the association's Innovative Counselor Education Program Award. This award is intended to honor an outstanding, innovative and/or unique counseling or counselor education program at an institution in the association's region. Bob Nielsen, professor in counselor education, was awarded the Outstanding Supervisor Award. This award is intended to honor an individual in the association who has demonstrated outstanding work as a supervisor in a university, community/mental health counseling or school setting. The North Central Association for Counselor Education and Supervision is a regional association of counselor educators and supervisors. Members represent the 13 states of Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota and Wisconsin.

Kevin Miller, assistant professor in athletic training, had a manuscript, "Plasma potassium concentration and content changes following banana ingestion in exercised males," accepted for publication in the *Journal of Athletic Training*. The study investigated the anecdote that bananas could be an effective treatment for muscle cramps by increasing blood potassium concentrations. Miller observed that blood potassium concentration did not increase until 60 minutes post-ingestion and the changes were small and well within normal clinical ranges and found it is unlikely that eating bananas could be an effective treatment for exercise associated muscle cramps.

Sarah DeJean, MS '06, human development and family science; Christi McGeorge, associate professor of human development and family science; and Tom Carlson, associate professor of human development and family science, will have their article, "Attitudes Toward Never-Married Single Mothers and Fathers: Does Gender Matter?" published in the *Journal of Feminist Family Therapy*.

Sherri Stastny, assistant professor of health, nutrition and exercise sciences, presented "Emerging Research on Dairy Protein Sources and Recovery" at the 36th annual meeting of the Northland American College of Sports Medicine in Fargo in October.

Joel Hektner, associate professor of human development and family science, contributed a chapter titled "Developmental Psychology" in the book "Handbook of Research Methods for Studying Daily Life."

Justin Wageman, associate professor in the School of Education, received a grant from the North Dakota Department of Public Instruction for \$465,197. The grant, "The North Dakota State Assessment and Accountability Research Project 2011-2012" includes several activities such as work on assessments, consequential validity, program analysis and research assistance.

Kelly Sassi, assistant professor of English and education, had "Are We Aligned Yet? Opportunities and Misgivings in Working with the Common Core Writing Standards" published in *English Leadership Quarterly*.

Anita Welch, assistant professor in the School of Education, presented a paper titled "A Cross-Cultural Validation of the Technology-Rich Outcomes-Focused Learning Environment Inventory" at the International Conference on Education and Educational Psychology in Istanbul, Turkey. Co-authors on the paper were Mustafa Cakir (Marmara University, Turkey) and Claudette Peterson and Chris Ray, both assistant professors in the School of Education. While in Istanbul, Welch also met with Cemil Ozturk, dean of the School of Education at Marmara University, to discuss future student and faculty visits.

Denise Lajimodiere, assistant professor of education, was requested to present her Native American boarding school research, documenting human rights violations to Native American children, at the 2011 Human Rights Network National Human Rights Conference. Lajimodiere also did a poetry reading and book signing in downtown Fargo at Zandbroz on Nov. 6 for her book of poetry, "Dragonfly Dance." She is working on her second book of poems. Lajimodiere and Kathy Enger, former faculty member, had their article, "A Multi-Cultural Transformative Approach to Learning: Assessing Attitude Change in Doctoral Students Following an Online Diversity Course," published in the *Multicultural Education and Technology Journal*. Two articles by Lajimodiere, "Ogimah Ikwe: Native Women and Their Path to Leadership" and an essay, "A Healing Journey," were published in the journal, *Wicazo Sa Review*. Lajimodiere has been named the chair of the newly formed NDSU Indigenous Affinity Group. Lajimodiere and Heidi Erdrich will be reading from their books of poems at NDSU on Nov. 22, as part of Native American Heritage activities. Lajimodiere also has been nominated to serve on the National Native American Boarding School Healing Coalition board.

## SHORTS AND REMINDERS

### Policy updates

The following policies recently were added or revised. To view the complete policy, visit [www.ndsu.nodak.edu/policy](http://www.ndsu.nodak.edu/policy).

#### Policy 143: Sick/Dependent Sick Leave

This change reflects dependent sick leave hours allowed per calendar year.

#### Policy 337: Grade Appeals

This change reflects that the university faculty senate bylaws be changed so that the Grade Appeals Board chair is an associate vice president of Academic Affairs.

### Positions available

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

#### Director, International Programs

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

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

Human Development and Education  
Salary contingent upon qualifications  
Open until filled

#### 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

#### Technical Support Coordinator/ #00026417

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

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

Library  
\$45,000  
Open until filled

#### Agricultural Research Specialist

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

#### Mid-Level Practitioner NP/PA

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

#### Ruminant Nutrition Physiology Technician/#00020240

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

#### Research Specialist/#00020395

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

#### 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

#### RSVP+ Program Assistant (work out of Bismarck and Minot)

Distance and Continuing Education  
\$30,000+/year  
Nov. 17

#### 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

#### Maintenance Supervisor/#00020459

Residence Life  
\$50,000+/year  
Nov. 16

#### Food Service Worker (10 month)

Dining Services  
\$9+/hour  
Open until filled



## CALENDAR

## NOVEMBER

**15 Science, Religion and Lunch**

**Seminar** – “The Ethics of Eating: EcoKosher,” Abby Gold, noon, Memorial Union Meadow Lark room

**15 American Indian Heritage Event**

“Getting To Know Our Tribal Partners Series: Resiliency in the Native American Community: Urban Indian Health and Wellness Center Development,” 1 p.m., Memorial Union Room of Nations

**15 FORWARD Ally Follow-Up Discussion**

2:30 p.m. to 3:30 p.m., FLC room 316E

**15 LIVE REAL Mentor Program Training**

4 p.m. to 5 p.m., Barry Hall room 360

**16 Brown Bag Seminar, “Indigenous Expressions,” panel about Native American dances**

– noon to 1 p.m., Memorial Union Arikara room

**16 Anti-harassment Training**

– 2 p.m. to 3 p.m., Memorial Union Century Theater

**16 Men’s Basketball vs. Green Bay**

– 7 p.m., Bison Sports Arena

**17 Flexible Spending Account Information Session**

– 10 a.m. Memorial Union Century Theater

**17 World iView Presentation**

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

**17 Center for Protease Research and Chemistry and Biochemistry Department Seminar**

– “Structural Biology of Unstable Proteins,” Dagmar Ringe, Brandeis University, 4 p.m., Ladd 107

**17 Transgender Support Group**

– 6 p.m., Memorial Union Great Room

**17 Student Recital: Jessica Blair, saxophone/bassoon**

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

**18 NDSU Opera Workshop Performance**

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

**19 International WaterRediscover Conference**

– 7:30 a.m. to 10 a.m., EML room 183. Sponsored by civil engineering.

**19 Graduate Conducting Recital: Adam Hollingsworth**

– 2 p.m., Peace Lutheran Church, free and open to the public

**21 Safe Zone Level 3 Training: Upstanders**

– 2 p.m. to 3:30 p.m., Memorial Union Room of Nations

**21 Plant Sciences Graduate Seminar**

– “Use of Pulse Crops to Remove Excess Selenium from Soil,” Dulan Samarappuli – 3:30 p.m., Loftsgard room 114

**21 Percussion Ensemble**

– 7:30 p.m., Festival Concert Hall, free and open to the public

**22 Indian Taco Sale**

– 11 a.m. to 1 p.m., Equity and Diversity Center

**22 Promotion to Professor Panel**

– 11:30 a.m. to 1 p.m., Memorial Union Arikara room – FORWARD event

**22 Science, Religion and Lunch Seminar**

– “Our New Clear Future: Choose a World Without Nuclear Weapons,” Sudarshan Srinivasan, noon, Memorial Union Meadow Lark room

**22 “Walking With Purpose”**

– 4:30 p.m. to 6:30 p.m., Memorial Union Gallery, reception to follow

**28 Plant Sciences Graduate Seminar**

– “Heat Stress Effect on Grain Filling and Quality of Wheat,” Marina Dobrydina – 3:30 p.m., Loftsgard room 114

**29 New Employee Orientation**

– 8:15 a.m. to 3:15 p.m., Memorial Union Great room. Contact Sheila at [Sheila.boyda@ndsu.edu](mailto:Sheila.boyda@ndsu.edu) or 1-5657 to RSVP.

**29 F-M Native American Programs**

– 10 a.m. to 11 a.m., Memorial Union Prairie room.

**30 Brown Bag Seminar, “The Real HR Professionals of Fargo-Moorhead,” panel**

– noon to 1 p.m., Memorial Union Arikara room

**30-Dec. 4 Theatre NDSU presents “Miss Julie”**

– Walsh Studio Theatre – tickets at [www.ndsu.edu/finearts](http://www.ndsu.edu/finearts)

## DECEMBER

**2 Responding to Disclosure of Sexual Assault Training**

– noon to 12:45 p.m., Memorial Union Prairie room – RSVP to [sarah.dodd@ndsu.edu](mailto:sarah.dodd@ndsu.edu) to participate

**2 Ally Follow-Up Discussion**

– 3 p.m. to 4 p.m., FLC room 316 E – FORWARD event

**2-4 Annual Madrigal Dinners**

– 6 p.m., Reineke Fine Arts Center Challey Atrium – tickets are \$35

**4 Winter Choir and Brass Concert**

– 2 p.m., Festival Concert Hall – tickets are \$5 for adults and \$2 for students and seniors

**5 Jazz Ensemble and Lab Band**

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

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

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