

# NDSU

VOLUME 4 ISSUE 7

IT'S HAPPENING AT STATE

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## NDSU announces spring commencement ceremonies

NDSU spring commencement ceremonies are scheduled for May 11 and 12 at the Fargodome. The graduate/professional ceremony will be held Friday at 4 p.m. and the undergraduate ceremony is scheduled for Saturday at 10 a.m.

As of April 27, 936 students indicated they intend to participate in the undergraduate ceremony, according to Rhonda Kitch, associate registrar. Nearly 300 students said they intend to participate in the graduate/professional ceremony. A total of 1,594 undergraduates and 314 graduate students are eligible to participate.

All guests are welcome to attend the ceremonies. Parking is free at the Fargodome. Doors open 1.5 hours before the start of the ceremony and guests may enter through any general entrance. All seating is on a first-come, first served basis and restricted to the concourse level.

NDSU colleges will host a reception for graduates and their guests in the Fargodome's main lobby immediately following the ceremonies. Light refreshments will be served.

Students, faculty, staff and guests are encouraged to allow extra travel time due to road construction that may impact traffic near the Fargodome.

Both commencement ceremonies will be streamed live on [www.gobison.com](http://www.gobison.com) and be archived for 30 days following the ceremony. Additional information can be found at [www.ndsu.edu/commencement/webcast](http://www.ndsu.edu/commencement/webcast).

Alisha Nord, who is majoring in agricultural communication, is the undergraduate commencement speaker. The Wolverton, Minn., native has participated in the Saddle and Sirloin Club, the National Agri-Marketing Association, the National Agricultural Communicators of Tomorrow and the Collegiate Cattlewomen's Association. Nord

also serves on the board of directors of the National Junior Angus Association and represented the NDSU Ag Ambassador program at the Agriculture Future of America Leaders Conference in Kansas City, Mo.

The graduate/professional commencement speaker is Sarah Prigge, who is receiving a Doctor of Musical Arts degree in piano performance. The Fargo native is the director of the NDSU Music Academy, a not-for-profit organization that provides music lessons to people 4 years and older. Prigge is a member of the Sigma Alpha Iota International Music Fraternity for Women and the Music Teachers National Association at the national, state and local levels.

Elliott Schwab, a native of West Fargo, is the student soloist for the undergraduate ceremony. He will graduate with a bachelor's degree in music with a minor in psychology. Schwab's student activities include the NDSU Concert Choir, NDSU Madrigal Singers, NDSU Men's Ensemble, NDSU Opera Theatre and Bison Arts Singers.

The soloist for the graduate/professional commencement is Eric Saari, who is receiving a Doctor of Musical Arts degree in choral conducting. A native of Grand Forks, N.D., Saari is the director of the Sanctuary Choir at Hope Lutheran Church's north Fargo campus and is a member of the American Choral Directors Association and the College Music Society.

In addition, a posthumous degree will be awarded. At the graduate/professional ceremony, a Doctor of Education degree will be awarded to Daniel Pullen. His family will accept the degree on his behalf.

Visit [www.ndsu.edu/commencement](http://www.ndsu.edu/commencement) for more information.

## 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 May 15 It's Happening at State

The next electronic issue of It's Happening at State will be posted May 15 at [www.ndsu.edu/ihas](http://www.ndsu.edu/ihas). Submissions for that issue are due at noon May 10.

### Cluster and classroom software requests deadline May 1

The deadline to submit requests for cluster and classroom software for the 2012 fall semester is May 1. The request form and information about the process are available at [www.ndsu.edu/its/cluster-software-request](http://www.ndsu.edu/its/cluster-software-request). Classroom and cluster software must be requested or renewed annually.

Software that has been requested for the entire 2012-2013 academic year can be found at [www.ndsu.edu/its/cluster-software](http://www.ndsu.edu/its/cluster-software).

## NDSU receives Navy research award, federal funds for lab space

A research team at NDSU is receiving \$480,000 in a competitive grant award from the Office of Naval Research for research on coatings for ship hulls. Dean Webster, chair of the department of coatings and polymeric materials, will receive the award over three years for research, titled "Tailoring the Surface Properties of Coatings through Self-Stratification."

In addition, scientists and engineers at NDSU's Center for Nanoscale Science and Engineering and three Centers of Excellence at NDSU are receiving \$1.4 million in sponsored research and competitive grant awards from global companies such as Triton Systems, PPG Industries, Starkey Laboratories and other organizations for research in coatings and microelectronics. Additional federal funds from the National Institute of Standards and Technology, a non-regulatory federal agency in the U.S. Department of Commerce, and Centers of Excellence enhancement funding has been awarded to NDSU to add laboratory space.

The NDSU research funded by the Office of Naval Research supports development of coatings that prevent barnacles and other sea life from attaching to ships. Barnacles slow ships down, resulting in increased fuel cost due to drag and resistance; dry docking to clean ships results in lost time; resistance or drag affects the ability of aircraft carriers to attain speeds needed for jets to launch from shipdecks; and current removal methods are very toxic. Research underway works on solutions to these problems. Think of it as a non-stick coating for ship hulls.

NDSU scientists previously had received such funding through earmark awards for research from Congress. "This new research funding was awarded on a competitive basis, showing the expertise of NDSU researchers in competing for funding with other research enterprises across the country," said Philip Boudjouk, vice president for research, creative activities and technology transfer. "Their expertise and scientific proposals merited the awards."

NDSU is internationally known for its coatings research and Boudjouk says this type of research allows for eventual transfer to commercial market applications. It's one of the factors leading to a 35,000-square-foot addition to the Research 1 building located in the Research and Technology Park. This will primarily contain additional laboratories where researchers develop technologies with private companies that can be transferred into the marketplace.

Construction of the additional laboratory space is expected to begin in early May and be completed in the third quarter of 2013. The addition is funded through a federal \$5 million construction award received from the National Institute of Standards and Technology and a \$4 million enhancement award from the North Dakota Economic Development Centers of Excellence Program. The Centers of Excellence Commission approved the award in 2009. Additional labs will be connected to the south of the existing Research 1 building.

"This infrastructure is expected to provide a platform to move a larger number and broader spectrum of technologies to market. We expect the net result to be enhanced economic development in the state," Boudjouk said.

For example, early technologies being developed from NDSU's coatings research protect against corrosion, for metals; mold, for wood and fiberboard; and oxidation, for statues, medallions, works of art. Commercialization of technologies in catalysis, photovoltaics/solar cells, flexible electronics, advanced batteries and other coatings also are targeted.

## Gunkelman Award nominees announced

A total of 23 NDSU students, staff and faculty were nominated for the prestigious Mary McCannel Gunkelman Recognition Award. The recipient will be announced during an award ceremony on Wednesday, May 2, at 3 p.m. in the Memorial Union Great Room.

The award was established in 1987 to recognize the student or employee who has made the most significant and unselfish contributions to creating a happy environment for the enjoyment of NDSU students. The award is named in honor of Mary McCannel Gunkelman, a 1942 graduate of the NDSU College of Home Economics who died in 1985.

### Nominees include:

#### Students

- Alexis Aakre, Nursing
- Andrew Beck, Human Development and Family Science
- Keith Bistodeau, Public Relations and Advertising
- Garrett Hittle, Emergency Management
- Kayla Kent, Human Development and Family Science
- Noah McBroom, Pharmacy
- Vanessa McNutt, Human Development and Family Science

#### Staff

- Cheryl Berg, Residence Life, LLC East
- Marilyn Dowdy, Office of International Programs
- Jeffrey Erickson, Electrical and Computer Engineering
- Judy Erikson, Office of Admission
- Kelli Layman, Orientation and Student Success
- Cheryl Long, Facilities Management
- Aida Martinez-Freeman, TRIO
- Nancy Mueller, Orientation and Student Success
- Rosella Wagner, Dining Services
- LaVon Whipple, Dining Services

#### Faculty

- Edward Deckard, Plant Sciences
- Jacob Glower, Electrical and Computer Engineering
- Dipra Jha, Apparel, Design and Hospitality Management
- Jason Moore, Architecture and Landscape Architecture
- Larry Napoleon, School of Education – Teacher Education
- Mary Pull, English – Center for Writers Director

## NDSU Extension Service director candidate invited for interview

Chris Boerboom will interview for the position of NDSU Extension Service director April 30 and May 1. Boerboom currently is NDSU Extension's assistant director and program leader for agriculture and natural resources, and district director for five southeastern counties. He also has been interim director since January.

Boerboom came to NDSU from the University of Wisconsin-Madison in January 2010 where he was an Extension weed scientist for 15 years. He earned a bachelor's degree in agronomy and agricultural economics in 1984, master's degree in agronomy in 1987 and doctorate in agronomy in 1989, all from the University of Minnesota.

NDSU faculty, staff and stakeholders are invited to Boerboom's seminar presentation set for Monday, April 30, at 2 p.m. in the Memorial Union Century Theater. A reception will immediately follow the seminar in Butte Lounge, adjacent to Century Theater. See [www.ag.ndsu.edu/extension/directorsearch](http://www.ag.ndsu.edu/extension/directorsearch) for interview details.

## NDSU student releases Virtual Farm Manager app

For NDSU student Jacob Fannik, the idea was to simplify and centralize farm management. To do that, Fannik and business partner Ryan Raguse developed Virtual Farm Manager, [www.virtualfarmmanager.com](http://www.virtualfarmmanager.com).

"Through the Virtual Farm Manager website and phone app, we can help producers become more efficient in their daily operations and in making decisions," Fannik said. "Producers are able to view or edit their farm records from a smartphone or computer anywhere in the world. They also will be able to do simple coverage logging (field mapping) with various colors for multiple seed varieties or herbicides for chemical applications using the phone's global positioning system."

Fannik credits the faculty in the agribusiness and applied economics department for his ability to work on the Virtual Farm Management business.

"Many have helped me better understand the concepts and fundamentals of the economic side of agriculture, along with being helpful mentors when I needed guidance," Fannik said. "They have had a great effect on what I'm taking away from my collegiate career."

Fannik will graduate in December with an agricultural economics degree. Raguse graduated from NDSU last fall with a degree in accounting.

"It again shows that NDSU faculty and staff are committed to student success," said Cole Gustafson, chair of agribusiness and applied economics. "Our teaching and research engage and involve students in an immersive learning environment."

The Virtual Farm Manager opened for business on April 15.

## Northern Crops Institute receives Exporters Award

Northern Crops Institute received the 2011 Service to Exporters Award at the 2012 Global Business Connections Conference in April. North Dakota Gov. Jack Dalrymple, on behalf of the North Dakota Trade Office, presented the award.

The honor is given to one organization that demonstrates exceptional commitment to supporting North Dakota exporters and increasing the state's international business. John Crabtree, Northern Crops Institute assistant director, accepted the award.

"Northern Crops Institute has consistently provided opportunities for North Dakota exporters through their significant exposure to buyers and processors around the world," says Dean Gorder, executive director of the North Dakota Trade Office. "The North Dakota Trade Office looks forward to continuing and expanding this great relationship."

The conference, sponsored by the North Dakota Trade Office and its network of international business partners, included an exhibition and seminars addressing global marketing, organizing for global growth, market assessment, export finance and risk mitigation.

Northern Crops Institute supports regional agriculture and value-added processing by conducting educational and technical programs that expand and maintain domestic and international markets for northern-grown crops. The institute is funded by the states of Minnesota, North Dakota and South Dakota and commodity groups in those states and Montana. Since opening, Northern Crops Institute has hosted buyers and visitors from more than 128 nations.

## NDSU to award \$50,000 in scholarships to adult learners

NDSU received a \$50,000 grant from the Bernard Osher Foundation to be used as scholarships for adult learners who are beginning college or returning to college to finish an undergraduate degree.

"This is an exciting opportunity for NDSU to expand our undergraduate population base," said Kate Haugen, associate vice president for student affairs. "This also parallels a North Dakota State University System initiative called Non-traditional No More, which works to provide services and assistance for adult learners."

For the 2012-13 academic year, NDSU will award at least 10 scholarships of up to \$5,000 each to adult learners. Osher Re-entry Scholars must:

- Have a cumulative gap of five years or more in their education
- Be an undergraduate student pursuing a first degree
- Be a U.S. citizen or permanent resident
- Have the potential to be in the workforce for a significant period of time following graduation
- Demonstrate financial need
- Be a full-time or part-time student

Osher Re-entry Scholarship applications are available at the NDSU Office of Admission. Call 1-8643 for an application.

## Quarter Century Club to welcome new members

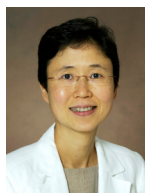
The Office of Human Resources and Payroll will sponsor the annual Quarter Century Club new members recognition dinner scheduled for Wednesday, May 2, in the Alumni Center. The event honors employees who have been employed at NDSU for 25 years.

New members are:

- Donna Alby, administrative assistant in mechanical engineering
- Deann Acosta, Center for 4-H Youth Development Extension specialist
- Eugene Berry, veterinary and microbiological sciences associate professor
- Mark Ciernia, research specialist in Agriculture Experiment Station in plant science
- Isaura Dorothy, Dining Services
- Nancy Erickson, athletic program assistant for Bison Athletics
- Hollis Erdmann, administrative assistant in animal sciences
- Carla Gross, associate professor and chair of nursing
- Carolyn Grygiel, professor of practice in natural resource sciences
- Robin Lamppa, microbiologist in Agriculture Experiment Station in plant pathology
- Wayne Larson, landscape and grounds services coordinator in Facilities Management
- Jane Lessard, NDSU Bookstore art and supply buyer
- Terri Lindquist, account technician for the Agriculture Experiment Station in the Hettinger Research and Extension Center
- Beryl Lonski, Residence Life
- Glenn Martin, research specialist, Dickinson Research and Extension Center
- Bob Patton, Agriculture Experiment Station Center Grasslands Research and Extension Center
- Maynard Schmidt, CS coordinator/procurement buyer in Facilities Management
- Carolyn Schnell, associate dean for University Studies
- Mukund Sibi, chemistry and biochemistry University Distinguished Professor
- Kay Sizer, manager of faculty development/special projects, Office of the Vice President for Research
- Michele Swandal, Agriculture Experiment Station, agribusiness and applied economics services director
- Donna Theusch, architecture and landscape architecture student service coordinator
- Andrew Trump, English lecturer
- Rita Ussatis, Extension agent in Cass County
- Loayne Voigt, Extension agent in Renville County
- Gary Wawers, controller in accounting

For more information, contact Cynthia Baumann at 1-8961.

## FORWARD awards, workshops promote leadership



Rhee

FORWARD recently awarded Leadership Development Grants to Yeong Rhee, associate professor of health, nutrition and exercise sciences; and Rooth Varland, associate professor of theatre arts and theatre coordinator, theatre arts. The leadership development program promotes the advancement of talented, tenured women faculty by providing funds for attending a national leadership training program.



Varland

Varland will use her grant, which is co-funded by the College of Arts, Humanities and Social Science and Division of Fine Arts, to attend the Higher Education Resource Services Bryn Mawr Summer Institute at Bryn Mawr College in Pennsylvania for two weeks in June. Rhee will

attend the Higher Education Resource Services Denver Summer Institute for two weeks later in the summer. The College of Human Development and Education co-funded her grant.

Earlier this semester, FORWARD hosted a full-day leadership workshop for 29 current and emerging campus leaders. The facilitators, Claudia Plaisted Fernandez and Ruben Fernandez from Fast Track Leadership, helped attendees gain insights, tools and skills to engage, lead and motivate colleagues. Participants said the experience was a positive networking experience that equipped them to continue their current leadership role or pursue a new leadership role.

To further promote leadership development for more individuals on campus, FORWARD will host an American Council on Education Regional Forum in Fargo in September. The Forum will help emerging leaders hone their leadership skills in critical areas such as fundraising, media relations, crisis management and strategic planning. It also will provide an environment where attendees can think about career next steps and develop a search strategy. More information on the event is forthcoming.

## Expanding Your Horizons workshop held

NDSU hosted the 33rd annual Expanding Your Horizons event that encourages young women to investigate professions in mathematics, science, engineering and medical fields (STEM) in the Bentson-Bunker Fieldhouse on April 14. Approximately 400 participants from 52 schools attended the event, including a few home-schooled participants from North Dakota and Minnesota.

Girls in grades 7-9 participated in 54 workshops presented by faculty and student volunteers from NDSU, Concordia College and Minnesota State University Moorhead, as well as professionals from Sanford, Essentia and the VA Medical Center.

The young women also met with women working in many fields, some of which are traditionally male occupations. More than 265 volunteers helped stage the event which receives funding and support from several local businesses, organizations and educational units. For more information, visit [www.eyh.ndsu.nodak.edu](http://www.eyh.ndsu.nodak.edu).

## NDSU Green and Golden Globe Diversity Awards presented

The third annual Green and Golden Globe Diversity Awards Ceremony was held April 16. The NDSU Division of Equity, Diversity and Global Outreach created the ceremony to acknowledge the efforts of students, faculty and staff from across the university who create a welcoming, safe and inclusive environment where all people can learn and work.

This year's ceremony also extended off campus with awards that recognized individuals or agencies in the community who foster diversity and support NDSU programs. "In extending our awards to the community, we demonstrate our gratitude for their support and efforts, as well as express that NDSU is proud to be a part of the Fargo-Moorhead community," said Regina Ranney, diversity program coordinator.

Also new to this year's ceremony was the Judge Bright Diversity Leadership Scholarship, which is named after Myron Bright, who has considered more than 6,000 cases as judge for the 8th U.S. Circuit Court of Appeals. Bright attended the ceremony and directed attendees to embrace and welcome diversity, Ranney said.

Glorina Bola Pendie, president of the Multicultural Student Organization, received the scholarship recognizing her leadership skills in fostering a diverse and inclusive environment at NDSU.

"Highlighting the positive can only have positive consequences," Ranney said. "Our awardees become a group of unofficial mentors that the campus and community can look to as an example of being welcoming, engaged members of the NDSU campus and greater community."

The award recipients include:

### ACADEMIC HONORS

- Gates Millennium Scholars – Shawnta Marie Everett, Jane Lang Loueng, Mamie Lynn Mastenbrook and Samuel Oluwatuminu Ogunyemi
- Annexstad Family Foundation Scholarships – Nicholas Warren Nelson
- Matthew Shepard Scholarship – Matthew Michael McCarty

### OFFICE OF INTERNATIONAL PROGRAMS

- John and Susan Wold Study Abroad Scholarship – Travis Mack
- International Programs Junior/Senior Scholarship Recipients – Vaibhav Aggarwal, Tanvi Sharma, Wei Yang Lim, Gerardo Zamora, Jingyang Xiao, Walter Kurrle Lanza, Ranganathan Prabakaran Jasothan, Peta-Gaye Clachar, Intiaz Chowdhury and Ya-Chiao Yang

### Green and Golden Diversity Awards

- Faculty – Chiwon Lee, Plant Sciences
- Staff – Karin Hegstad, Customer Account Services
- Student – Minami Yamane
- Student Organization – Saudi Student Association and Nepalese Student Association
- Community Person/Agency – Jay Krabbenhoft, vice president, office services manager, Gate City Bank

### EQUITY AND DIVERSITY CENTER

- LGBTQ Student Scholarship – Kong Kit Wong and Tyler Specht
- NDSU Student U.S. Veterans Scholarship – Daniel Stroup IV

### Green and Golden Globe Diversity Awards

- Faculty – Ann Burnett, Women and Gender Studies
- Staff – Sarah Dodd, Student Life
- Student – Joshua Boe
- Student Organization – Hispanic Organization of Latin Americans
- Community Person/Agency – Deb White, NEW Women's Leadership

### OFFICE OF MULTICULTURAL PROGRAMS

- Judge Bright Diversity Leadership Scholarship – Glorina Bola Pendie
- Ram Lal Jauhar Memorial Scholarship – Mumina Abdullah Ibrahim
- Dr. Prem and Raj Jauhar Book Scholarship – Jessica Hernandez

### Green and Golden Globe Diversity Awards

- Faculty – Denise Lajimodi, School of Education
- Staff – Aida Martinez-Freeman, TRIO
- Student – Austin Allard
- Student Organization – Multicultural Student Organization
- Community Person/Agency – Cargill

### TRIBAL COLLEGE LIAISON INITIATIVE

#### Green and Golden Globe Diversity Awards

- Faculty – Bruce Maylath, English
- Staff – Sue Isbell, Extension County Programs
- Student – Courtney Redwing
- Student Organization – Native American Student Association
- Community Person/Agency – Sacred Spirits

### DIVERSITY IMPACT AWARD

Pride Network

### SUDHIR MEHTA MEMORIAL FACULTY TRAVEL AWARDS

Elizabeth Erichsen, assistant professor of education; Samee Khan, assistant professor of electrical and computer engineering; Amy Werremeyer, assistant professor of pharmacy practice

### SUDHIR MEHTA MEMORIAL STUDY ABROAD SCHOLARSHIP

Tony Haas

### Vice President's Green and Golden Globe Diversity Awards

Residence Life

## Women and Gender Studies Program reorganizes

At the request of the Women and Gender Studies program and its advisory board, Provost Bruce Rafert recently placed the program back in the College of Arts, Humanities and Social Sciences, under the direction of Dean Kent Sandstrom.

The program retains its interdisciplinary focus, with guidance from Dean Virginia Clark Johnson in the College of Human Development and Education and Dean David Wittrock in the College of Graduate and Interdisciplinary Studies, both of whom are members of the program's advisory board.

The reorganization allows the program to remain connected to its academic roots and mission. Ann Burnett, professor and director of women and gender studies, said she is pleased the program is back in an academic college, and she will continue working with the provost in her role as director.

## Student-driven 'Before One More' campaign making a difference

A program evaluation of the student-developed "Before One More" campaign shows it is raising awareness and changing attitudes. The NDSU Office of Orientation and Student Success evaluated the campaign, which focuses on reducing harm from risky drinking behavior.

"Before One More" promotions seen around campus are intended to draw students to the website at [www.ndsu.edu/alcoholinfo/students/before\\_one\\_more](http://www.ndsu.edu/alcoholinfo/students/before_one_more) to learn about reducing the risks and negative consequences related to over consumption, explore the effects of blood alcohol content and expand their knowledge of alcohol in general.

The evaluation found student reactions to the website were positive, overall. They found the facts on drinking, blood alcohol content effects and the interactive blood alcohol content calculator appealing. The majority found new information on the site. The evaluation also showed moderate drinkers scored significantly higher in retaining the knowledge from the site. Students who visited the website exhibited more knowledge of campaign-related information than students who did not; however, retention was not affected by how much time visitors spent on the website.

Students who thoroughly explored the campaign website were more prone to have a conversation with other people about the campaign and about their own drinking. They also were more confident in understanding the effects of alcohol, making informed choices about alcohol and being able to recognize and avoid risky situations.

The level of alcohol that students consume was also a factor in the degree that the site affected awareness, attitudes and behaviors. Moderate and light drinkers were more prone to think about the choices they make about drinking and about changing the amount or way they drink. Light drinkers and abstainers were also more prone to avoid risky behaviors and situations, maintain a safe blood alcohol content and change the way or amount they drank.

Student feedback and statistical analysis showed the campaign could make improvements to increase effectiveness. Despite a variety of promotional materials, only a few proved effective in drawing students to the site. Both the appeal of and level of exposure to the promotional materials proved important. More than 60 percent of students who did not visit the website said they didn't know about the campaign. Respondents suggested improving the visual appeal of the website and increasing interactive components.

"The site is preventative in nature, and increasing awareness of risky behaviors for low-level drinkers encourages them to examine their own behaviors and helps prevent them from engaging in high-risk behaviors in the future," said Erika Beseler Thompson, assistant director for Alcohol and Other Drug Abuse Prevention. "As with any education-based program, we don't expect to see immediate changes in behaviors, but rather a gradual process of change that comes with increased awareness and understanding of the risks."

For more information about the "Before One More" campaign and other prevention efforts, visit [www.ndsu.edu/alcoholinfo](http://www.ndsu.edu/alcoholinfo) or contact Frank Heley at 1-6140 or [frank.heley@my.ndsu.edu](mailto:frank.heley@my.ndsu.edu).

## NDSU hosts 2012 North Dakota Science Olympiad

NDSU hosted the North Dakota Science Olympiad on April 21. Approximately 650 North Dakota students in grades 6-12 competed in the state science competition for a chance to advance to nationals.

Students competed in a series of science, technology, engineering and mathematics events to test their competency in the sciences. Activities ranged from building a robotic arm that moves objects to taking a test on the respiratory and digestive system.

"Science Olympiad helps students really delve into and learn science," said Otto Borchert, co-director for the North Dakota Science Olympiad and a programmer analyst in NDSU's Center for Science and Mathematics Education. "They have to prepare quite a bit to perform well in the events."

Teams are comprised of 15 students, with Division B teams having students in grades 6 through 9 and Division C teams having students in grades 9 through 12. Teams in the state competition qualified by being in the top five at a regional competition. Each top-ranked team in Division B and in Division C will represent North Dakota at the national competition at the University of Central Florida, Orlando, Fla., in May.

Students who participated in the North Dakota Science Olympiad also had the opportunity to use U.S. Army flight simulators secured by NDSU's Army ROTC program. The 60-foot mobile, interactive exhibit allows visitors to experience what it's like to sit in an Apache Attack helicopter, a Scout helicopter simulator and an unmanned aerial vehicle.

More information about the North Dakota Science Olympiad is available at [www.ndsu.edu/olympiad](http://www.ndsu.edu/olympiad).

## GraSUS fellowship applications sought

NDSU's Graduate Student-University-School program, known as GraSUS, is accepting applications for its cadre of 2012-13 fellows. The fellows work with science and mathematics teachers and students in area middle and high schools.

Graduate and undergraduate students from any STEM (science, technology, engineering and mathematics) field are encouraged to apply. Consideration also will be given to students pursuing secondary education degrees with a focus in a STEM discipline.

Applicants must be a U.S. citizen or a permanent resident. Criteria for the position include exemplary communication skills, strong academic record, good time management and a desire to share enthusiasm for the STEM disciplines with students in area middle and high schools. Daytime availability is required.

Stipends are provided to both graduate and undergraduate fellows, in addition to full tuition waivers for graduate fellows. Visit [www.ndsu.edu/grasus](http://www.ndsu.edu/grasus) for applications. Submit all materials by Monday, May 7. Positions are expected to be filled by the end of May.

Contact Kim McVicar at (701) 793-5457 or [kim.mcvicar@ndsu.edu](mailto:kim.mcvicar@ndsu.edu) for more information.

## Students, alumni give back to community in volunteer event

NDSU volunteers took advantage of a gorgeous 75-degree spring day to give back to the Fargo-Moorhead community. More than 700 students, staff, faculty and alumni spent April 24 doing indoor and outdoor chores at 35 nonprofit organizations and 42 private homes.

More than 2,000 service hours were contributed as part of the school's third-annual all-day volunteer program, The BIG Event, which was organized by NDSU's Volunteer Network, Student Government and the Alumni Association.

"The goal was simply to give back to community members," said Trista Manikowske, co-president of the event and a graduate student in health, nutrition and exercise science. "It's important that they know students want to take time out of their day to help the community."

Volunteers spent four two-hour shifts on a variety of projects. Activities varied from yard work, painting, spring cleaning, removing Christmas lights, demolition and repair projects, and organizing homes and offices. Several students signed up for multiple shifts and worked at private homes surrounding the campus. "A lot of older individuals couldn't do yard work or spring clean up," Manikowske said. "It's not every day you have someone come to your house and help with things you can't do. That's where the larger impact happens."

A group of 25 students placed mulch around 250 trees in Fargo's newest park. Located in north Fargo, Riverwood Park covers about 50 acres and continues to be developed. "It was nice to work with such a big group," said Jeff Haberman, Fargo Park District forester. "We got a lot done that we otherwise might not be able to accomplish."

Laura Bihrlle, a junior from Bismarck, N.D., and vice president of the NDSU Student Nurses Association, led a group of 18 pre-nursing and nursing students who removed and reorganized props and other materials at two Fargo-Moorhead Community Theatre sites. "We were able to accomplish something they've been trying to get done for a couple of years now," she said. "It's great just being able to help the Fargo-Moorhead area."

More than a dozen students helped the YWCA Cass Clay develop and plant a vegetable garden in the emergency shelter's backyard. "The goal is to have women have fresh produce at the shelter," said Amber Dahl, YWCA volunteer and donation coordinator.

Students also painted the organization's conference room. "It's nice to have college students come in and see what we do here," Dahl said. "Even if they are not directly helping a client, they are helping indirectly."

Jen Engquist, community center director of Churches United for the Homeless in Moorhead, Minn., said, "Our groups were fantastic. They did everything from shampooing carpets to translating and helping us communicate in our food pantry and a great number of jobs in between. We are very thankful for them. We're looking forward to more NDSU volunteers come through as they've always been a big part of our volunteer services."

Manikowske was on the planning committee for NDSU's first The BIG Event and has seen the event grow. She said she hopes to continue adding volunteers and locations.

The BIG Event was first established at Texas A&M University in 1982 by a former student body president who wanted to give students the opportunity to say "thank you." It has since become the largest one-day, student-organized service event in the country, organizers said.

For more information, visit [www.ndsubigevent.com](http://www.ndsubigevent.com).

## Pasta manufacturing course nears record enrollment

A near record enrollment of 36 participants from 21 pasta-manufacturing companies from Brazil, Nigeria, South Africa and the United States attended the two-day Pasta Production and Technology Short Course in April at the Northern Crops Institute in Fargo. The pasta course has been offered annually since 1984.

"We were pleased to host a near record enrollment at this year's course," says John Crabtree, Northern Crops Institute assistant director. "Almost all of the major U.S. companies were represented. This says a lot about what the Northern Crops Institute staff has done with the program over the years."

At the course, participants gained hands-on experience in processing traditional pasta made with semolina, plus ravioli and gluten-free pasta. Short course lecture topics included durum varieties, quality evaluation, durum milling and semolina quality, wheat quality tests, functional and alternative pasta ingredients, semolina physical and rheological tests, commercial pasta production, impact of protein and starch on pasta quality, pasta die design and more.

The pasta course is designed to showcase high quality durum wheat produced in this four-state region. In 2012, United States durum production is predicted to rebound slightly after a historic low in 2011. The largest gain in acres will be in the traditional durum areas of northwest North Dakota and northeast Montana.

## Student loan forgiveness available

NDSU science, technology, engineering or math graduates may be eligible for student loan forgiveness. College graduates employed for at least one year in STEM occupations in North Dakota may be eligible for up to \$6,000 in student loan forgiveness. For more information, visit [www.ndus.edu/students/paying-for-college/grants-scholarships/#STEM](http://www.ndus.edu/students/paying-for-college/grants-scholarships/#STEM).

## ND Institute for Regional Studies publishes Collins gardening book

The North Dakota Institute for Regional Studies, housed at NDSU, has published a book of work by one of the region's best-known garden writers, Dorothy Collins. Collins, who died in 2008, produced about 2,800 gardening articles and many more thousands of news articles as a local journalist from 1957 until her death. Collins was a staff writer originally with the Moorhead, Minn., Daily News, which merged with the previously titled Fargo Forum shortly after she began as a reporter.

The book, "Flowers Between the Frosts: How to Grow Great Gardens in Short Seasons," features 93 of Collins' best articles. The columns consider a variety of subjects of interest to gardeners in the Upper Midwest, including annuals and perennials, fruits and vegetables, houseplants and flower shows, and Mr. Greensnoop – the irascibly lovable gardening elf that occasionally hassled Collins about her gardening mistakes.

"I think the strange twists which the seasons take in our northern climate are what make growing interesting here," she wrote. "Sometimes, I think, we don't appreciate these things half enough." Collins' optimism facing the challenges of cold-climate gardening spanned a writing career of more than a half century. Yet, her gardening expertise was a sideline to her news work.

At the Fargo Forum, Collins forged a professional career in journalism at a time when few women worked as newspaper writers. Even fewer still worked in hard news. Collins broke the taboo to become one of the first women in the region writing hard news in the latter part of the 1960s. In 1976, she became the newspaper's first – and only – female Minnesota editor. The year before, she won the Carol Marx award from the Minnesota Presswomen for her contributions to journalism, and also in 1975 her contributions to the region saw recognition as she was named a YWCA Woman of the Year.

The book includes six full-color pastels by Moorhead artist Clare Hauck. It is available for \$14.95 at the N.D. Institute for Regional Studies - 105 Putnam Hall at NDSU - or by contacting Nancy Nelson at 1-8338 or [www.ndsu.edu/ahss/ndirs/publications](http://www.ndsu.edu/ahss/ndirs/publications). It also will be available in area stores. More information and an excerpt can be found at [www.rossfcollins.com/flowers](http://www.rossfcollins.com/flowers).

All profits from the sale of the book will help to fund student scholarships through the Dorothy Collins Memorial Endowment.

The North Dakota Institute for Regional Studies was established in 1950 to serve the area with books and other activities of regional interest. It publishes about four books a year. The director is Kent Sandstrom.

## ND EPSCoR awards nearly \$175,000 in research awards

The North Dakota Experimental Program to Stimulate Competitive Research awarded five Graduate Student Research Assistantship awards totaling nearly \$175,000 and ranging from 12 to 24 months.

Awardees, alma maters and areas of graduate studies at NDSU are:

- Christine Gilbertson, Valley City State University, chemistry and biochemistry
- Jessica Halvorson, Valley City State University, plant pathology
- Audra Stonefish, Sitting Bull College, entomology
- Joshua Sweet, Minot State University, computer science
- Dallas Brown, NDSU and ND EPSCoR NATURE participant, civil engineering

The Graduate Student Research Assistantship awards provide North Dakota University System baccalaureate universities and tribal colleges/NATURE program graduates an opportunity to earn master's degrees or doctorates in science, engineering and mathematics at North Dakota's two large research universities, NDSU and UND.

North Dakota 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 awards program, visit [www.ndepscor.nodak.edu/programs](http://www.ndepscor.nodak.edu/programs).

## Climatologist to talk tornado safety with elementary students

Adnan Akyüz, assistant professor of climatology and the N.D. state climatologist, will visit first graders at Kennedy Elementary School, Fargo, to talk about tornadoes, how they form and how to be safe around them. Two presentations are scheduled for Tuesday, May 1, from 9 a.m. to 9:30 a.m. and from 9:30 a.m. to 10 a.m.

During his visit, Akyüz will use a glass chamber, boiling water, dry ice and a bathroom fan to simulate a tornado vortex. He also will advocate the use of bike helmets while being sheltered during a tornado. Akyüz believes using a helmet, which is a simple, inexpensive and readily available tool already present in nearly every household, can increase chances of survival while taking proper shelter if a tornado strikes your home.

First-grade teacher Paula Bandy invited Akyüz to Kennedy Elementary. "All the first graders are asked to wear their bike helmets during the talk to make a statement that we support the use of bike helmets for tornado safety," Bandy said.

For more information, contact Adnan Akyüz at [adnan.akyuz@ndsu.edu](mailto:adnan.akyuz@ndsu.edu) or 1-6577.



## Cluster and classroom software requests deadline approaching

The deadline to submit requests for cluster and classroom software for the 2012 fall semester is May 1, according to Information Technology Services.

The request form and information about the process are available at [www.ndsu.edu/its/cluster-software-request](http://www.ndsu.edu/its/cluster-software-request).

Classroom and cluster software must be requested or renewed annually. Software requests or renewals need to be submitted along with licensing information for the software by the following dates:

- May 1 for installation by the start of the 2012 fall semester
- Oct. 1 for installation by the start of the 2013 spring semester
- Feb. 1 for installation by the start of the 2013 summer semester

Software that has been requested for the entire 2012-2013 academic year can be found at [www.ndsu.edu/its/cluster-software](http://www.ndsu.edu/its/cluster-software).

## ROTC students win co-ed division of national military competition

Two students from NDSU's Army ROTC program won the co-ed division of a national military competition. Sean Williams, an NDSU junior majoring in criminal justice from Fargo, and Abigail Peno, a Concordia College freshman majoring in biology from North Branch, Minn., placed first out of 19 co-ed teams in the Best Ranger Buddy Team Competition on March 31 in Lawrence, Kan.

Cadets participated in nine events, starting at 5 a.m. with a 9.32-mile foot march with a 35-pound ruck sack. The next seven events, all physically demanding, tested knowledge of military tactics and skills. The final event was a 2.5-mile run through the woods.

"This is a huge win for the Bison Battalion and NDSU because this is the first time our battalion has won a title at this competition," said Lt. Col. Santiago Bueno, professor of military science in NDSU's Army ROTC program. "As one of the smaller programs in our brigade, we took 20 percent of our battalion to this competition. Our cadets trained six days a week for this competition and it really paid off."

Of 94 male teams, NDSU students Mitch McGillick and Luke Daley placed fifth. Concordia student Robert Billings and NDSU student Caleb Hamilton placed 19th. Minnesota State University Moorhead students Brady Holte and Cody Holte placed 25th. Concordia student Ethan Glover and NDSU student Jason Dvorak placed 39th.

Concordia student Rachel Fitcha and NDSU student Katie Troxell as well as Concordia student April Kuck and NDSU student NiCoalle Landman were two out of 15 female teams to compete.

## RESEARCH

### Soil science given research grants for greenhouse gas emissions

Amitava Chatterjee, assistant professor of soil science, received a \$20,000 grant from the North Dakota Corn Council and a \$15,000 grant from the Minnesota Wheat Research and Promotion Council to help pay for a gas chromatograph that will measure soil greenhouse gas emissions.

Chatterjee is researching how interactions of subsurface drainage and nitrogen fertilizer application affect greenhouse gas emissions from corn, wheat and sugarbeet fields. The automated gas chromatograph, purchased with the help of the grant money, will allow him and other researchers to measure emissions in the test fields all year.

Chatterjee's research will ultimately help farmers determine the right amount of fertilizer for conditions, which might save money. It also will help farmers be proactive about reducing greenhouse gas emissions.

### NDSU research provides clues for effective management of area lake

Results from more than two decades of research by NDSU professor Malcolm Butler and his students are being used to help determine optimum ways to manage and restore a regional lake managed for migratory waterfowl. Lake Christina, located in Douglas County near the town of Ashby in west central Minnesota, has provided decades of living ecological lab experience for NDSU students.

Butler, professor of biological sciences at NDSU, is one of 10 co-authors contributing to "a 200-year perspective on alternative stable state theory and lake management from a biomanipulated shallow lake" to be published later this summer in *Ecological Applications*. A preview of the article is available to subscribers at [www.esajournals.org/doi/abs/10.1890/11-1485.1](http://www.esajournals.org/doi/abs/10.1890/11-1485.1).

Lake Christina is nationally recognized as a critical staging area for migrating waterfowl, especially canvasback ducks. The lake alternates between cloudy and clear, depending on whether there are aquatic plants known as macrophytes or if there is high phytoplankton density.

NDSU students who worked on Lake Christina through the years worked closely with the Minnesota Department of Natural Resources. Mark Hanson, who earned his doctorate from NDSU in 1990, is a co-author of the journal article, now works as a research scientist for the Minnesota Department of Natural Resources. Kyle Zimmer, who earned his doctorate from NDSU in 2001, also is listed as a co-author of the article, works on Lake Christina while a professor at the University of St. Thomas.

"NDSU has had a long involvement with Lake Christina, going back to 1985," Butler said. "At that time, the Minnesota DNR planned a dramatic restoration project on this historic waterfowl lake, by attempting a total eradication of fish. The 4,000-acre

shallow lake had been similarly treated in 1965, with additional treatments in subsequent years.”

As the research being published in *Ecological Applications* describes, repeated treatments had the expected result: water clarity was restored, plant beds recovered and waterfowl use increased – but not permanently. To understand what has happened after conditions deteriorate, continuous data like that provided by Butler and his students is needed.

The lead authors of the research paper from the Science Museum of Minnesota, William Hobbs, Joy Ramstack Hobbs and Toben Lafrancois, brought expertise as paleolimnologists, studying cores of lake sediments to determine Lake Christina’s historical behavior. The lake is designated as a Wildlife Management Lake and is managed for migratory waterfowl. Managers walk a fine line, balancing short- and long-term needs, and balancing the interests of ducks and duck hunters at Lake Christina with those of recreational anglers. In fall 2012, top-down management will include a series of pumps and pipes installed to draw down the water level, mimicking the natural winter fish kill.

“The study presents compelling evidence that, in the long run, managers need to focus on strategies that target landscapes, not just the food webs in the lakes themselves – bearing in mind that the short term is also important,” said Mark Hanson, a research scientist with the Minnesota Department of Natural Resources and NDSU graduate. “The people who live here today are very much in this culture of ducks and migratory water birds, and the incredible history around them. When we get all sectors working on lake ecology together, that’s a very productive basis for the future.”

In collaboration with the Minnesota Department of Natural Resources, students at NDSU contributed significant contemporary data to this project from long-term monitoring efforts at Lake Christina. The U.S. Fish and Wildlife Service and other agencies provided previous funding for the research. Funding for the most recent research was provided by the National Science Foundation (DEB-0919095; DEB-0919070; DEB-0918753) and the Natural Sciences and Engineering Research Council of Canada.

## Student wins national award for best social science research

International studies and political science student Sarah Mayo was awarded first place by the Western Social Science Association for her undergraduate research paper. Mayo presented her paper at the association’s 54th annual conference held in Houston April 11-14. Her award includes a plaque and a \$500 cash prize.

Mayo’s research paper, “The Rhetoric of Terrorism in American Discourse,” focuses on the use of language in American English language print media and U.S. government publications. In her paper, Mayo evaluates the use of the words “jihad,” “madrasa” and “Allah” in several major American newspapers and government publications from 2000 to 2010, contrasting their meanings within Arabic with the generally intended meanings used in English writing.

“My research shows that American English-language print media and U.S. government publications, when dealing in topics of terrorism, are saturated with Arabic words that I think are used

incorrectly,” Mayo said. “I argue that the ways in which these particular Arabic words are used very closely mirrors the use of them by al-Qaida ideologues, whose goal it is to pervert their meanings for propaganda purposes.” In her research, Mayo puts forth the premise that continued repetition of terrorists’ rhetoric and propaganda is ineffective in countering terrorism and suggests some possible language alternatives.

Mayo has studied Arabic at NDSU for three years. In 2009, she received a Critical Language Scholarship awarded by the U.S. State Department to study Arabic for a summer in Alexandria, Egypt. She worked in Egypt for a year as a teacher at an English-immersion primary school. She is the daughter of Bret and Dawn Mayo of Fargo.

Mayo plans to graduate in May from NDSU and will begin a political science master’s degree program at the American University in Cairo, Egypt, next fall. “My experiences in conducting research, and also working as a teaching assistant last semester to Dr. Jarret Brachman’s political science class on the subject of terrorism, have led me to my aspirations of eventually becoming a professor,” Mayo said. Brachman is an internationally recognized counterterrorism expert, currently serving as an associate research fellow at the Upper Great Plains Transportation Institute at NDSU.

Mayo’s adviser on the research paper, Tom Ambrosio, associate professor in criminal justice and political science at NDSU, said her paper was written as the capstone requirement for her international studies major. “Sarah’s exploration of the original-language meanings of the terms and the contrast to the current usage was insightful and provided a systematic examination of a topic that everyone knows about – the use of Arabic words in American media – but had not really examined,” Ambrosio said. “Moreover, her time spent in Egypt gave her an appreciation of the use and misuse of language when certain words are taken into another context.”

Tom Isern, University Distinguished Professor of history, philosophy and religious studies at NDSU, said the recognition of Mayo’s research is outstanding. “This is a competitive matter, and the award is prestigious,” said Isern, who is president-elect and program chair of the Western Social Science Association.

Mayo is co-writing another research project on the topic of framing effects in cross-language communication with Kjersten Nelson, NDSU political science assistant professor.

## PEOPLE

### Student health service physician to be honored



Mallberg

Dr. Tracie Mallberg, physician in Student Health Services, will be honored as a Nurse Practitioner Advocate during the American Academy of Nurse Practitioners 27th National Conference in Orlando, Fla., June 20-24.

The state award for Nurse Practitioner Advocate, established in 1993, recognizes individuals who have made a significant contribution toward increasing the awareness and acceptance of nurse practitioners.

## Associate professor receives 2012 Young Investigator Award



Jayaraman

Sivaguru Jayaraman, associate professor of chemistry and biochemistry, is the recipient of the Sigma Xi Scientific Research Society 2012 Young Investigator Award. The prestigious award recognizes excellence in research and alternates yearly between scientists in physical sciences, mathematics and engineering in even numbered years and life and social sciences in odd numbered years.

The award was presented to Jayaraman for his research program that uses light to initiate chemical reactions and control photoreactivity in the excited state using molecular design and nanoconfinement. The Young Investigator Award includes \$5,000 and a certificate of recognition.

Gregory Cook, chair of the Department of Chemistry and Biochemistry, nominated Jayaraman. Letters of support from Mukund Sibi, University Distinguished Professor, and Kevin McCaul, dean of the College of Science and Mathematics, also were provided.

Jayaraman joined the NDSU faculty in 2006 and was promoted to associate professor in 2011. Jayaraman was honored with the 2010 Excellence in Research Award and the 2011 Excellence in Teaching Award, both from the NDSU College of Science and Mathematics. Most recently, Jayaraman was named winner of the 2012 Peltier Award for Innovation in Teaching.

Founded in 1886, Sigma Xi is the international honor society of research scientists and engineers, with more than 500 chapters at colleges and universities, government laboratories and industry research centers. Membership is by invitation, in recognition of research potential or achievement. Since the society's inception, more than 200 Sigma Xi members have received the Nobel Prize. In addition to publishing *American Scientist*, the non-profit society awards hundreds of grants annually to student researchers and sponsors a variety of programs that support science and engineering.

## Animal sciences department welcomes veterinary technician

Leah Maertens joined the animal sciences department as a veterinary technician on April 10. She will oversee all veterinary technology program animals and will work with herdsman on using animals in the animal sciences program courses.

Maertens graduated from Ridgewater College, Willmar, Minn., in 2006. After graduation, she worked at a small animal practice in Baxter, Minn., for two years. She then worked at a mixed animal practice in Elbow Lake, Minn., followed by a mixed animal practice in Pelican Rapids, Minn.

## Associate professor co-organizes travel writing conference



Totten

Gary Totten, associate professor of English, co-organized the seventh biennial conference of the International Society for Travel Writing at Georgetown University in Washington, D.C., March 30-April 1.

Totten collaborated with colleagues from Georgetown University; Nottingham Trent University, United Kingdom; and Misericordia University, Dallas, Pa., to referee papers and organize the conference program. Totten presented the paper, "The Politics of Local Color in *Dreiser Looks at Russia*," related to his larger book project on Theodore Dreiser's travel writing, and also delivered the concluding remarks at the conference.

Totten serves on the steering committee for the International Society for Travel Writing, which fosters the work of scholars, publishers and practitioners of travel writing through a range of activities including conferences, a monthly newsletter and affiliation with the peer-reviewed journal, *Studies in Travel Writing*.

## Faculty member honored by ND Dietetic Association

Yeong Rhee, associate professor of health, nutrition and exercise sciences, received the Outstanding Dietetic Educator award from the North Dakota Dietetic Association. The presentation was made at an awards luncheon April 25 during the group's annual conference held at the Ramada Plaza and Suites in Fargo.

Rhee leads medical nutrition therapy classes for undergraduate students and is the major adviser of several graduate students. Her research includes chronic disease prevention.

Outstanding student awards were given to Stephanie Bechtle, an NDSU dietetics major, and University of North Dakota student Amera Johnson Nelson. The Recognized Young Dietitian of the Year Award went to Dustin Frize, a UND graduate and team leader for UND Dining Services who is credited with implementing "green" programs for UND dining.

The luncheon award ceremony ended with the passing of the gavel from 2011-12 association president Brooke Fredrickson to incoming president Becky King. Fredrickson, an NDSU alumna, is the director of nutrition services for the Cooperstown, N.D., Medical Center.

The North Dakota Dietetic Association is the advocate of the dietetic profession, serving the public through the promotion of optimal nutrition, health and well-being. The association was established in 1946 and has a current membership of more than 300 registered dietitians. For more information, go to [www.eatrightnd.org](http://www.eatrightnd.org).

## History and education assistant professor wins research awards



Silkenat

David Silkenat, assistant professor of history and education, received the North Caroliniana Society's annual book prize for his "Moments of Despair: Suicide, Divorce, and Debt in Civil War Era North Carolina." The award recognizes Silkenat's book as the volume published in 2011 that "appears to have the best chance of standing the test of time as a classic volume of North Caroliniana."

Another Silkenat article, "Workers in the White City: Working Class Culture at the World's Columbian Exhibition of 1893," was selected for the Harry E. Pratt Memorial Award. The honor recognizes the best article published in the Journal of the Illinois State Historical Society in 2011.

## Gene Taylor receives Blue Key Doctor of Service Award



Taylor

Gene Taylor, NDSU director of athletics, was awarded the Blue Key Honor Society's Doctor of Service Award, one of the most distinguished awards a faculty member can receive at NDSU, on April 17.

The Doctor of Service Award was started by Blue Key Honor Society in 1930 and was first given to Clarence Putnam. Since then, the award has

been given to recipients such as Archibald Minard, William Sudro, Katherine Burgum and Prakash Mathew.

Doctor of Service recipients are selected based on their unselfish dedication, service and genuine concern for maintaining the proper educational environment at NDSU.

Blue Key Honor Society chose Taylor for his dedication and guidance in the NDSU athletics program, where he has served as the director of athletics for 11 years.

In this role, Taylor has helped NDSU move from NCAA Division II to Division I, secure a Division I conference for 16 intercollegiate athletic teams, obtain an immediate home in Division I and triple the athletic budget, all while keeping the current student-athletes' best interests in mind.

## Budget, accounting coordinator named in animal sciences

Lisa Dubbels has accepted the position of budget and accounting coordinator in the animal sciences department. Dubbels has been the account technician in the animal sciences department for the past four years. She replaces Bev Liebelt, who retired on March 30.

Dubbels and her husband, Tom, who is a college counselor at Minnesota State Community and Technical College in Moorhead, and their children Courtney, Matthew and Jocelyn, live in Dilworth.

## Transportation and logistics student earns top honors



Korporaal

NDSU transportation and logistics graduate student Brett Korporaal earned first place in the student research paper competition for the 20th National Conference for Rural and Intercity Bus Transportation. Korporaal will receive \$1,000 and the opportunity to attend the conference in Salt Lake City in October.

In the contest, students were encouraged to address topics related to the conference theme, "Connecting Communities Through Public Transportation." Korporaal's paper, "Connecting Gateway Communities to Yellowstone National Park: A Proposal for a Public Transportation System Servicing the Great Yellowstone Region," addresses the lack of a public transit system to provide access to Yellowstone National Park. In the paper, he proposes a public transportation system for the greater Yellowstone region that will provide mobility and accessibility to gateway communities for residents and visitors within the region, as well as protect the park's pristine environment.

Korporaal is a graduate research assistant with the Small Urban and Rural Transit Center pursuing a master's degree in transportation and urban systems at NDSU. He is from San Diego and earned his bachelor's degree in organizational management from Patten University, Oakland, Calif.

## Goldwater Scholarship recipient named

NDSU junior Zechariah Andersen is among 282 awardees nationwide selected for the prestigious Barry M. Goldwater Scholarships for the 2012-13 academic year.

The scholarship is awarded annually to college sophomores and juniors and covers the cost of tuition, housing, fees and books up to \$7,500 per year. Students are nominated by faculty members and selected through an independent review process. Andersen is the sole North Dakota University System student to receive the scholarship in 2012.

"I'm honored to receive this scholarship," Andersen said. "The best feeling was seeing myself on a list of students from top-tier universities like MIT and Stanford."

Andersen is a native of Velva, N.D., majoring in mathematics and computer science, with plans to pursue a graduate degree. He is vice chair of the NDSU Association for Computing Machinery.

Andersen also participates in the Ronald E. McNair Scholarship Program, which is intended to help undergraduate students achieve academic success and increase the number of professors from traditionally under-represented populations.

Established by Congress in 1986, the Barry M. Goldwater Scholarship and Excellence in Education Program was created to encourage outstanding students to pursue careers in mathematics, the natural sciences or engineering to foster excellence in those fields.

## NDSU riders advance to national competition



Beyer

NDSU Western Equestrian team member Hannah Beyer will compete in the national competition May 3-5 in Raleigh, N.C.

Beyer, a junior from Rapid City, S.D., qualified for the finals by earning the title of reserve champion overall in advanced horsemanship in Intercollegiate Horse Show Association semifinal competition March 24-25 in Harrington, Del.

Also at the Harrington semifinals, NDSU rider Leslie Miller, a freshman from Fergus Falls, Minn., finished seventh overall in beginner horsemanship, and Ashley Lindell, a junior from Solway, Minn., placed eighth overall in open horsemanship.

"This was a great experience for the team members," said coach Tara Swanson. "The riders had excellent performances against some exceptional competition."

The top four finishers in each division at three semifinal competitions move on to national competition.

"Many of the NDSU riders who competed at semifinals this year will be returning to ride for the team next year, and this experience will help them prepare to qualify again in the future," Swanson said.

NDSU rider Shannon Voges, a senior from Courtland, Minn., also earned a trip to nationals by being named the Zone 7 Region 3 high point rider. She received the title by accumulating the most regional points throughout the show season in open horsemanship and reining events. She will compete in the American Quarter Horse Association high point rider classes at nationals.

### EVENTS

## Promotion-to-professor panel luncheon scheduled

The FORWARD project is sponsoring a promotion-to-professor panel luncheon on Tuesday, May 1, from 11:30 a.m. to 1 p.m. in the Memorial Union Arikara room. Registration is requested and can be completed online at [www.ndsu.edu/forward](http://www.ndsu.edu/forward).

A panel of newly promoted professors will share tips on what to consider when preparing for and applying for promotion. Panelists will include: Julie Garden-Robinson, health, nutrition and exercise science; Bonnie Klamm, accounting, finance and information systems; Kent Kapplinger, visual arts; and Sumathy Krishnan, mechanical engineering. Dinesh Katti, professor of civil engineering, will facilitate the panel discussion.

## Farewell reception set for civil engineering associate professor



Andersen

The NDSU Department of Civil Engineering has planned a farewell reception for Donald Andersen, associate professor of civil engineering, for Friday, May 4, from 2 p.m. to 4 p.m., with a presentation starting at 2:30 p.m., in the Memorial Union Arikara room. Andersen is retiring after 33 years of service to NDSU.

Andersen contributed to the department in many ways. He taught a variety of courses, advised and mentored many students, served as adviser to the Institute of Transportation Engineers and former adviser to the American Society of Civil Engineers, and conducted research projects with the North Dakota Department of Transportation. He also was selected as a Teacher of the Year in the College of Engineering and Architecture.

Andersen earned his bachelor's degree from NDSU in 1970 and his master's degree from Penn State University in 1973. He began teaching at NDSU in 1977 and shortly thereafter, attended Texas A&M University to complete his doctorate in 1982. In the years between his undergraduate and teaching careers, Andersen worked at the Nebraska Department of Roads from 1970 to 1974 and the Texas Transportation Institute at Texas A&M from 1974 to 1977.

"I consider myself lucky to have had an opportunity to learn from 'The Don,'" wrote Anthony Waldenmaier, Andersen's student and advisee. "Not only was he an excellent professor in the classroom, but he is a great person to know in life. If anyone ever had a question about jobs, research, résumés or anything else, they knew Dr. Andersen would always be there to help .... Dr. Andersen cared for every student and wanted each of them to make the best of themselves. He possessed the ability to keep a class light-hearted and still teach in-depth technical course work. When asked what the highlight of his teaching career is, he'll reply, 'Seeing a lot of good students become successful in life.'"

In retirement, Andersen plans to spend time on his farm in Ada, Minn., traveling, golfing, playing Angry Birds and continuing his toy tractor collection.

## Walk for Vision features Iraqi war veteran

Master Sgt. Eric Marts, a soldier who lost his eyesight due to injuries sustained in combat in the Iraqi war, was a featured participant at the 14th annual "Walk for Vision" held Saturday, April 28, at the NDSU Bison Sports Arena.

Marts was accompanied at the walk by "Corporal" Deacon, his guide dog.

Proceeds from the walk will be used to help fund the service programs the North Dakota Association of the Blind offers to people who have visual impairments. For more details, call walk co-chairs Allan Peterson at (701)429-7209 or Missy Miller at (701)298-8091.

## Diet and health research forum scheduled

NDSU faculty and students are invited to participate in a three-day summer research forum, titled "Dietary Factors and Long-term Consequences for Health," from May 14-16 at NDSU.

The event will feature research talks by three keynote speakers and 20 area investigators, as well as a poster session.

Keynote speakers and topics include:

Kalidas Shetty, University of Massachusetts Amherst, "Integration of Redox Biology to Design Functional Foods to Combat Obesity-Linked Chronic Diseases: Type 2 Diabetes as Model"

Kent Thornburg, Oregon Health Sciences University, "Fetal Undernutrition Drives Adult-Onset Cardiovascular Disease"

Tony Kong, Rutgers University, "Cancer Prevention by Dietary Phytochemicals: From Nrf2-mediated Anti-oxidative Stress Signaling and Epigenetics to In Vivo Cancer Models"

There is no cost for the event. To register, go to: [https://epayment.ndsu.nodak.edu/C22800\\_ustores/web/store\\_main.jsp?STOREID=164&SINGLESTORE=true](https://epayment.ndsu.nodak.edu/C22800_ustores/web/store_main.jsp?STOREID=164&SINGLESTORE=true).

The forum is sponsored by the NDSU Colleges of Science and Math; Human Development and Education; and Agriculture, Food Systems, and Natural Resources; the Office of the Provost; NDSU EPSCoR; the NDSU Center for Nutrition and Pregnancy; and the ND Agricultural Experiment Station.

For more information, contact Katie Reindl in biological sciences at [katie.reindl@ndsu.edu](mailto:katie.reindl@ndsu.edu) or 1-9427.

## Defensive Driving course scheduled

Robin Stephens, North Dakota Department of Transportation, has scheduled a Defensive Driving Course at NDSU on Tuesday, May 22, from 12:30 p.m. to 4:30 p.m.

Fleet Services requires those who operate fleet vehicles on at least a monthly basis to take the National Safety Council Defensive Driving Course as soon as practical after accepting employment and every four years thereafter. Training for personnel who operate fleet vehicles less than monthly is at the discretion of agency trainers or risk managers. Fleet Services also requires those who have been involved in a motor vehicle accident with a state fleet vehicle, or those who have received a traffic citation while operating a state fleet vehicle in the past 12 months, to attend the course within the calendar year of the accident or citation.

The University Police and Safety Office encourages those who operate state fleet vehicles less than monthly also to attend the course, keeping in mind that priority will be given to those who meet the above requirements.

To register, contact Tammy Aronson at [tammy.aronson@ndsu.edu](mailto:tammy.aronson@ndsu.edu) or 1-5637.

## Printmaking workshop to feature Nichole Maury

NDSU Visual Arts and the Printmaking Education and Research Studio's annual summer printmaking workshop will feature printmaker Nichole Maury, associate professor of art at Western Michigan University. The workshop is scheduled for June 11-22 at Renaissance Hall.

Maury will present "The Non-Repeatable Print," introducing students to monotype and monoprint screenprinting techniques, with a focus on content and experimentation. Students will learn a variety of non- and semi-repeatable mark-making techniques.

The workshop also will include such topics as development of serial and ghost imagery; improvement of color use in combination with transparency and texture; design of a water-based screenprinting studio; and creating an exchange portfolio.

Maury will conduct a lecture at 6 p.m. on June 12 at Renaissance Hall. Her work will be exhibited June 1-30 in the Memorial Union Gallery with a reception scheduled for noon on Tuesday, June 12.

The workshop is available for professional development or university credit. The registration and housing deadline is May 14.

The North Dakota Council on the Arts is offering professional development grants to North Dakota artists, organizations and educators interested in attending. Application information and further details are available at [www.nd.gov/arts/grants/PD-guidelines.html](http://www.nd.gov/arts/grants/PD-guidelines.html).

The PEARS program promotes printmaking production, education and innovation in the Midwest. The studio is sponsored by the NDSU Division of Fine Arts and Department of Visual Arts.

For information, contact Kelly Todd at [kelly.todd@ndsu.edu](mailto:kelly.todd@ndsu.edu), Kent Kapplinger at [kent.kapplinger@ndsu.edu](mailto:kent.kapplinger@ndsu.edu) or visit [www.ndsu.nodak.edu/finearts/visual\\_arts/PEARS](http://www.ndsu.nodak.edu/finearts/visual_arts/PEARS).

## 800 Café offers Cinco de Mayo lunch

An early Cinco de Mayo celebration lunch will be served at the Family Life Center, room 312, on Tuesday, May 1, and Thursday, May 3. Seating at the student-run 800 Café will be from 11 a.m. to 12:15 p.m.

The meal will begin with chips and fresh salsa. The entrée consists of two Baja fish tacos on corn tortillas topped with roasted corn and black bean slaw and fresh Anaheim salsa with a side of Mexican rice and black beans. The meal concludes with a "fried" ice cream parfait. The meal is hosted by dietetics students and managed by Bryant Geis and Tonya Mulvaney.

The cost is \$8 per meal and includes beverages. Four-meal punch cards are available for \$30. Payment can be made by cash or check.

Parking is available in the NDSU visitor lot. Walk-ins are welcome, but reservations are preferred because seating is limited.

To make reservations, contact Ronda Klubben at [ronda.klubben@ndsu.edu](mailto:ronda.klubben@ndsu.edu) or 1-7487.

## Textbook Buybacks

The NDSU Bookstore will be having Textbook Buyback at the following locations, dates and times:

### **NDSU Bookstore Memorial Union**

- Monday-Thursday, April 30-May 3, 7:30 a.m.-6 p.m.
- Friday, May 4, 7:30 a.m.-5 p.m.
- Saturday, May 5, 10 a.m.-3 p.m.
- Monday-Thursday, May 7-10, 7:30 a.m.-6 p.m.
- Friday, May 11, 7:30 a.m.-5 p.m.

### **NDSU Bookstore Barry Hall**

- Monday-Friday, April 30-May 11, 9 a.m.-4 p.m.

### **Residence Dining Center**

- Monday-Friday, May 7-11, 9 a.m.-4 p.m.

Bring all CDs, additional materials and your NDSU ID. For more information and Buyback Alerts, visit [www.ndsubookstore.com](http://www.ndsubookstore.com).

## Run/walk scheduled to honor fallen students, faculty and staff

The third annual Run to Remember 5k is scheduled for Saturday, May 5, at NDSU. The run/walk will start at the Bentson/Bunker Fieldhouse, 1301 Centennial Blvd., at 8:30 a.m. for all divisions including men and women 25 and younger, and men and women 26 and older. A short kids' race on the sidewalks surrounding Bentson/Bunker Fieldhouse also is scheduled at 8:10 a.m. All races are open to the public.

The NDSU Air Force and Army ROTC organize Run to Remember to promote awareness for sacrifices military service members make and to fundraise for a specific cause. Proceeds from the event will support planning and construction of the Fallen Bison Memorial, which will honor NDSU students, staff and faculty who have lost their lives while serving their country in the armed forces. The monument will be located directly south of Bentson/Bunker Fieldhouse and will consist of clay and granite brick walkways, clay brick walls, a granite brick floor and a flagstaff.

For more information about the memorial or to make a donation, visit [www.fallenbisonmemorial.org](http://www.fallenbisonmemorial.org).

Preregistration for the run/walk is \$25 and includes a T-shirt. Register at [www.zapevent.com/ListActivities.aspx?eventid=2026](http://www.zapevent.com/ListActivities.aspx?eventid=2026). The cost of the run/walk on the day of the race is \$15 for NDSU students, faculty and staff with NDSU IDs. All other registrations the day of the race will be \$25.

### **Run to Remember schedule:**

8:10 a.m. – Short kids' race around Bentson/Bunker Fieldhouse. Ribbons will be given to each runner, as well as a medal awarded to the top three finishers.

7:30 a.m. to 8:30 a.m. – Packet pick up

8:30 a.m. – Adult races begin

For more information, contact Karl Koopmeiners at [Karl.Koopmeiners@my.ndsu.edu](mailto:Karl.Koopmeiners@my.ndsu.edu).

## Backpack drive planned

Phi Lambda Sigma Honor Society is sponsoring a backpack drive for the Homeless Health Clinic in Fargo. Boxes are set up in front of the computer lab in Sudro 36 and the dean's office, Sudro 123. They need both new and used backpacks for all ages and will be collecting them until Thursday, May 10.

## PUBLICATIONS/PRESENTATIONS

### History, philosophy, religious studies chair publishes work



Cox

John K. Cox, professor and head of the history, philosophy and religious studies department, recently published a chapter, titled "A Socio-Cultural Profile of Croatia," in the book, "Balkans: Foreign Affairs, Politics and Socio-Cultures."

He also translated two stories from Bosnian to English, which were included in the 2012 annual volume, titled "Best European Fiction," published by Dalkey Archive Press at the University of Illinois. Cox translated "Sarajevo" and "Magic," written by Muharem Bazdulj.

### NDSU professor's work cited in book on church history

John Helgeland, professor of religious studies and history, had his work described in the first volume of "The Cambridge History of Christianity: Origins to Constantine." Helgeland said his work establishes the view that the three centuries before the reign of the emperor Constantine witnessed no such thing as Christian pacifism. A number of Christian churches from the pacifist tradition had simply assumed that, since Jesus Christ was a man of peace, his followers would take up his example. Life in the Roman Empire led the church in other directions. Helgeland said his work showed there were a number of military martyrs and built a catalog of such narratives, both historical and fictional.

While there were Christians who rejected military service, Helgeland said his work proved their objections were to the religion of the army. This religion had to be reconstructed through papyri and archaeological remains. Army religion, then, was related to the Roman Imperial cult and served as the vehicle for uniting the army with the empire. Until Constantine changed it to reflect Christian symbolism, many Christians regarded the army religion as an idolatrous betrayal of their loyalty to Christ.

Helgeland will present a Department of History, Philosophy and Religious Studies colloquium next spring reviewing this work and discussing finds such as the recently discovered Roman Army Camp at Megiddo in Israel.

## Staff present at registrars, admissions officers meeting



Wold-McCormick

Representatives from NDSU's Office of Admission and Office of Registration and Records recently presented at the 98th annual meeting of the American Association of Collegiate Registrars and Admissions Officers in Philadelphia. This year's meeting focused on the theme, "Investing in the Future of Higher Education."



Sherlin

Kristi Wold-McCormick, NDSU registrar, co-presented "Joint Degrees and Programs: Opportunities and Challenges" with the University of North Dakota registrar Suzanne Anderson. The session explored joint programs and degrees, including increased access for students and challenges with academic record keeping, registration, enrollment reporting, institutional policy and information system capabilities.



Kitch

Merideth Sherlin, associate director of admission, and Rhonda Kitch, associate registrar, co-presented "Cross-Training Enrollment Management Staff." The session demonstrated how the inService program in Enrollment Management was created and implemented. inService is a collaborative effort to educate

and update staff via face-to-face sessions, regularly scheduled newsletters and online resources. The goal of inService is to provide the best possible customer service for students and foster relationships in the Enrollment Management Unit.

Kitch also facilitated a roundtable discussion on commencement.

## Animal sciences students publish articles on nutrition and health

Students in the animal sciences Lactation Biology Lab course recently published two articles related to maternal methyl nutrition and health of offspring. Chung Park, professor of animal sciences, directs the students.

The article, "Lipotropes (methyl nutrients) inhibit growth of feline lymphoma in vitro," published in *Research in Veterinary Science*, discusses the most common tumor diagnosed in felines and provides a study on inhibitors of the lymphoma. The second article, "Maternal high methyl diet suppresses mammary carcinogenesis in female rate offspring," published in *Carcinogenesis*, investigates the long-term effects of maternal dietary high-dose lipotropes on the development and progression of mammary tumors in rat offspring using two separate experiments.

## SHORTS & REMINDERS

### SU Impact grant applications sought

The NDSU Development Foundation is again seeking grant proposals for projects that have an immediate and positive impact on the educational experience of NDSU students.

The foundation is offering major grants of \$20,000 to \$75,000 through the SU Impact Fund Grant Program. Available to faculty, staff and recognized student groups, the program is funded by unrestricted contributions received from alumni, parents and friends, and proceeds from the annual Bison Bidders Bowl.

According to program criteria, successful proposals will receive funding one time. However, the actual expenditure of grant funds may take up to three years. Programs or a proposed project should not be a portion of a larger program, unless the grant is requesting matching funds. In addition, successful grant requests should clearly recognize the Development Foundation SU Impact Fund as the source of funding.

Applications are due Aug. 10. The completed form may be submitted to [joann@ndsualumni.com](mailto:joann@ndsualumni.com).

The Grants and Awards Committee will select a group of finalists for additional consideration who will be invited to make 10-minute presentations to the committee during its Homecoming meeting on Oct. 4. Notification of awards is scheduled for Oct. 8.

For more information about the program and an application form, visit [www.ndsufoundation.com](http://www.ndsufoundation.com) and access the campus resources section of the website.

### Discounted Valleyfair tickets available to NDSU employees

Discounted 2012 tickets to Valleyfair amusement park in Shakopee, Minn., are available to benefitted NDSU employees.

The park opens for operation on Saturday, May 12. It will be closed to the public on May 14, 21 and 22. For a 2012 operating calendar and full season park hours, visit [www.Valleyfair.com](http://www.Valleyfair.com).

Tickets must be purchased in person at the NDSU Office of Human Resources/Payroll in the SGC Building, 1919 N. University Drive. A faculty or staff ID card must be presented at the time of purchase. Acceptable forms of payment are cash or check only. No refunds will be provided.

Two ticket options include:

#### Regular ticket

One-day admission for one person  
Ages 3-61 and 48" or taller in shoes  
\$28.50 each

#### Junior/senior ticket

One-day admission for one person  
Ages 3 and older and less than 48" tall in shoes, or age 62 and older  
Children 2 years and younger are admitted free.  
\$19.99 each



## Policy Updates

The following policies have been added or revised recently. To see the complete policy, go to [www.ndsu.nodak.edu/policy](http://www.ndsu.nodak.edu/policy).

### Policy 320: Faculty Obligations and Time Requirements

This change provides up to six weeks of childbearing leave for certain academic appointees who don't accrue sick leave, and provides for modified duties for academic appointees who become parents, have significant health issues or have to care for family members with significant health issues.

## 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).

### Custodian/#00028178

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

### Office Coordinator

School of Natural Resource Sciences  
\$29,000+/year  
May 4

### Administrative Assistant/#00020786

Student Life  
\$35,000+/year  
May 4

### Nursery Technician/#00020146

North Dakota Forest Service  
\$28,670+/year  
Open until filled

### Account/Finance Technician

Agricultural and Biosystems Engineering  
\$36,000+/year  
April 30

### Web Design Technician

Library  
\$33,500+/year  
May 7

### Nutrition Education Assistant, FNP – Fort Berthold

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

### Histology and Bioassay Laboratory Coordinator/#00027420

Animal Science  
\$42,000+/year  
Open until filled

### Educational Services Librarian/#00020636

Library  
\$42,000+/year  
April 30

### Assistant Director of Admission/#00019068

Office of Admission  
\$40,000+/year  
May 2

### Agronomy Research Specialist

Williston Research Extension Center  
Salary based on qualifications and experience  
May 14

## CALENDAR

### APRIL

**28 NDSU Meats:** 10 a.m. to 2 p.m., Shepperd Arena

**28 Emily Custer Piano Student Recital:** 2 p.m., Beckwith Recital Hall, free and open to the public

**28 Emily Lehmann Mezzo-Soprano Student Recital:** 4 p.m., Beckwith Recital Hall, free and open to the public

**28 NDSU Wind Symphony:** Timothy Reynish, guest conductor, 7:30 p.m., Festival Concert Hall, \$5 for adults and \$2 for students and seniors.

**29 Spring Choral Concert:** 2 p.m., Festival Concert Hall, Adults: \$5; students and seniors: \$2

**29 Eduardo Orozco Piano Graduate Performance Recital:** 5 p.m., Beckwith Recital Hall, free and open to the public

**29 Danielle Olson Flute Student Recital:** 7:30 p.m., Beckwith Recital Hall, free and open to the public

**30 NDSU Library Author Series Event:** Chris Linnares and Bill Marcil Jr., 11 a.m., library classroom 120D, free and open to the public

**30 Technology LunchByte:** "iPad Apps You Can Use: Get More Than "Angry Birds!" 12:10 p.m. to 12:50 p.m., Memorial Union Hidatsa room

**30 Plant Sciences Graduate Seminar:** "Leaf Rust Resistance in Small Grains: A Case of Host-Pathogen Interaction," Angela Linares, 3:30 p.m., Loftsgard Hall room 114

**30 Plant Sciences Graduate Seminar:** "Ionizing Radiation and Plant Breeding," Naiyuan Dong, 4 p.m., Loftsgard Hall room 114

### MAY

**1 Breastfeeding Support Group:** 11:30 a.m. to 1 p.m., Equity and Diversity Center. Contact Laura Oster-Aaland at 1-7750, Kara Gravley-Stack at 1-7091 or Betsy Birmingham at 1-6587 for more information.

**1 Promotion-to-Professor Panel Luncheon:** 11:30 a.m. to 1 p.m., Memorial Union Arikara room. Visit [www.ndsu.edu/forward](http://www.ndsu.edu/forward) to register.

**1 Char Maas Farewell Reception:** 2 p.m. to 4 p.m., IACC second floor lobby

**1 15th Annual Celebration of Faculty Excellence:** 3 p.m., Alumni Center. For more information, [www.ndsualumni.com/netcommunity/page.aspx?pid=1246](http://www.ndsualumni.com/netcommunity/page.aspx?pid=1246)

**2 ITS TYPO3 Training:** Menus and Email Forms: 2 p.m. to 4 p.m., IACC room 246. Register at [www.ndsu.edu/its/training/fac-staff](http://www.ndsu.edu/its/training/fac-staff).

**2 Hands-on Art-Making Session:** “Cathartic Art: How to Approach Art and Life Mindfully,” presented by Nate Booth, artist, and Ann Stark, counselor, 6 p.m. to 7:30 p.m., Memorial Union Gallery. No fee. Free art materials included.

**3 Chemistry and Biochemistry Seminar:** “DNA-Based Nanomaterials,” Challa Vijaya Kumar, biological and physical chemistry professor, University of Connecticut, Storrs, 4 p.m., Ladd Hall room 107

**4 Donald Andersen Farewell Reception:** 2 p.m. to 4 p.m., presentation at 2:30 p.m., Memorial Union Arikara room

**4-5 NDSU Opera Theatre:** “The Mikado,” 7:30 p.m., Festival Concert Hall

**5 Run to Remember:** Kids’ race begins at 8:10 a.m., adult races begin at 8:30 a.m.

**6 NDSU Opera Theatre:** “The Mikado,” 2 p.m., Festival Concert Hall

**30 Veteran’s Affinity Group Meeting:** Noon to 1 p.m., Memorial Union Prairie Rose room. Contact Sheila Watson at [sheila.watson@ndsu.edu](mailto:sheila.watson@ndsu.edu) or 1-7383 for more information.

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

**NEXT ISSUE** Publication date: Tuesday, May 15 | Submissions due: May 10 at noon

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