

NDSU

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IT'S HAPPENING AT STATE

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Computer science professor named Jefferson Science Fellow

Kendall Nygard, professor of computer science and operations research, has been selected as a Jefferson Science Fellow for 2013-14. He was notified of the prestigious appointment by the U.S. Department of State March 25.

Jefferson Science Fellows serve as science advisers on foreign policy issues. Appointees spend one year at the State Department or the U.S. Agency for International Development in Washington, D.C., and also may have extended stays at U.S. foreign embassies or missions.

This year, 13 academic scientists, engineers and physicians from institutions of higher education were selected for the important positions.

"There are so many important policy issues for which the U.S. Department of State is responsible that are grounded in scientific and engineering areas in which I have an interest, including such things as energy, environment, security, arms control and the expanding role of communication and social media in shaping societies. I am very enthused about the opportunity and the trust placed in me to serve as a science adviser on such matters," Nygard said. "I officially begin my work on Aug. 19 and will work from Washington, D.C., for one year. Following the upcoming year, I will return to NDSU and be available for an additional five years on a consultant basis."

The fellowship program was initiated in 2003, designed to engage American science, technology, engineering and medical experts from academia in the development and implementation of U.S. foreign policy.

"By any major research university measure, this is an outstanding recognition of Dr. Nygard's nationally respected expertise, and it is a strong acknowledgment of the quality of our NDSU faculty," said NDSU President Dean L. Bresciani. "He will be an outstanding science adviser as our nation sets critical foreign policy."

NDSU Provost Bruce Rafert praised his distinguished record of teaching, research and service. "He is one of NDSU's very best,"



Nygard

Rafert said. "His work spans a remarkably broad range of topics, from simulation to logistics, and artificial intelligence to distance education, and Petri Nets to software engineering. He has earned distinction by the breadth of thesis topics he has supervised and the range of graduate students he has seen through to graduation."

Nygard is one of two NDSU faculty members to be selected for the post. He joins Kalidas Shetty, associate vice president for global outreach and professor of plant sciences, who was a fellow in 2004.

"Jefferson Science Fellows provide our diplomats the scientific advice, rationales and tools to understand complex issues ranging from telecommunication technologies to food safety to biosecurity," Shetty explained. "It is a great honor for Dr. Nygard and NDSU that he is among the select few chosen to serve as an adviser to help our diplomats navigate complex challenges to make our world better for all its citizens. I am thrilled Ken has been chosen – he fully deserves this honor."

Nygard joined the NDSU faculty in 1977, and served as the computer science department chair from 1996 to 2005. In 1994-95, he was director of the Scientific Computing Center at the University of North Dakota, Grand Forks. He previously was a visiting scientist at the Air Force Logistics Command at Wright-Patterson Air Force Base in Ohio and a research fellow at the Air Vehicle Directorate of the Air Force Research Lab.

Nygard's research interests include combinatorial optimization methods involving management of networks and sensor networks, cooperative mission control for unmanned air vehicles, and bioinformatics.

He earned his bachelor's degree at Minnesota State University Moorhead, his master's degree in mathematics from Mankato State University and his doctorate in operations research from Virginia Polytechnic Institute and State University.

NDSU www.ndsu.edu/ihas

News and events

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

Disability Services Newsletter available online

The spring issue of the NDSU Disability Services Newsletter is available at www.ndsu.edu/fileadmin/disabilityservices/Spr.newsletter.2013.2.pdf.

NDSU to celebrate Global Awareness Month

The Office of International Programs has scheduled several events in April for NDSU's first-ever Global Awareness Month, an expansion of International Week. For a full schedule of events, visit www.ndsu.edu/international/programming/global_awareness_month.

Committee works to make NDSU Homecoming 'signature event'



Lichtblau

President Dean L. Bresciani has appointed a steering committee with the charge to enhance NDSU Homecoming.

"We want to review and explore what we can do, combine our resources, involve the community and make NDSU Homecoming a prominent signature event," explained committee chair Jobey Lichtblau, director of admission.

According to Lichtblau, the committee will work to take NDSU Homecoming to a higher level. He suggests Homecoming Week could begin with a variety of events leading up to a large concert or pepfest and build enthusiasm through the Homecoming parade and football game.

The established goals of the committee include advising the coordination and implementation of Homecoming programs and strategies, as well as increasing communication to raise the visibility of the event.

"There are many campus entities holding multiple events during Homecoming Week, but not everyone has always been on the same page," Lichtblau said. "We want to have better communication and coordination, and have all the groups join forces. Our objective is to attract greater attendance and participation from alumni, faculty, staff and community members."

NDSU Homecoming Steering Committee members include Lichtblau; Kim Bruemmer, assistant director of campus activities; Michael Hahn, president and CEO of the Downtown Community Partnership; Chris St. Amant, Campus Attractions president; Courtney Barstad, coordinator of Greek Life; Jace Beehler, student body vice president; Emily Schubert, Residence Hall Association; Calli Doggett, Greek Life; Troy Goergen, senior associate athletic director for marketing and media relations; Kevin McCaul, professor and adviser; Laura McDaniel, assistant vice president for University Relations; and Sherri Schmidt, NDSU Alumni Association executive director.

Several subcommittees also will be established, including the Publicity Committee, chaired by McDaniel; Student Programming Advisory Committee, co-chaired by Barstad and Beehler; Parade Committee, chaired by Bruemmer; Homecoming Pep Fest Committee and Reunions/Affinity Groups Committee, both chaired by Schmidt; Corporate and Community Outreach Committee, co-chaired by Goergen and Hahn; and the Campus Outreach Committee, co-chaired by McCaul and Lichtblau.

CHS grant supports Quentin Burdick Center for Cooperatives

The CHS Foundation has contributed \$300,000 to the NDSU Quentin Burdick Center for Cooperatives. The funds will be used to expand the center's capacity to fulfill the mission of education, research and outreach.

The CHS Foundation is the major giving entity for CHS, an energy, grains and foods company.

The Quentin Burdick Center for Cooperatives promotes education about cooperatives to college-age students. Students who become familiar with cooperatives are more prepared for careers in these cooperatives and are better able to fulfill their roles as members and directors.

The CHS contribution will enable the center to expand the reach of graduate and undergraduate courses and improve efforts to develop and disseminate cooperative educational materials through electronic and social media sources. The center also conducts research that cooperatives can use to strengthen their operations and service to members. These funds will allow for expanded research capacity and heightened communication of research results that are beneficial to local cooperatives.

"These funds will increase the ability of the Quentin Burdick Center for Cooperatives to improve the operations of existing cooperatives, promote the development of careers in cooperatives and extend our ability to provide education to the public and college-age students," says Gregory McKee, director of the Quentin Burdick Center for Cooperatives. "Given the trends in the turnover of cooperative business employees and the increasing complexity of the markets in which cooperatives operate, an increased ability to achieve the objectives of the center could not be more timely."

NDSU President Dean L. Bresciani says CHS is an integral partner in research and education.

"As a land-grant university that has been named one of the top 2 percent of all public and private institutions in the country, NDSU is well-suited to serve the needs of industry in the future," Bresciani said. "The 20-plus years of center activities demonstrates the strength of NDSU's commitment to providing research, education and outreach in support of this important model in the North Dakota economy."

"We are proud to invest in the Quentin Burdick Center for Cooperatives and its exceptional work in building understanding of cooperative business and promoting careers in cooperatives to the next generation of agricultural leaders," said William Nelson, president of the CHS Foundation and vice president of Corporate Citizenship.

The CHS Foundation and Quentin Burdick Center for Cooperatives also were able to provide hands-on training and educational materials to the Zabul Agribusiness Development Team to promote and strengthen cooperatives in Zabul, Afghanistan.

Development team member Cheryl Wachenheim, a professor in the Department of Agribusiness and Applied Economics at NDSU, worked with the southern Afghanistan director of Agriculture, Irrigation and Livestock and his staff, as well as key leaders of cooperative boards and traders.

"It is impossible for me to quantify the specific role our training from CHS and McKee played in our ability to move forward agricultural technologies and the cooperative concept in Zabul province," Wachenheim says. "However, I did not fully understand the workings of the cooperative business model and the circumstances in southern Afghanistan until we were with the farmers and the government staff supporting them. There were many 'ah ha' moments when I saw the connection between what we learned and practiced with McKee and CHS and what we did in Afghanistan."

"As a global leading agribusiness that is owned by farmers, ranchers and cooperatives across the U.S., CHS recognizes the vital role of cooperatives in the success of U.S. agriculture," Nelson says. "We appreciate the center's important contributions in strengthening the cooperative system and its key role in ensuring a strong future for cooperative business."

For more information about the Quentin Burdick Center for Cooperatives, visit www.ag.ndsu.nodak.edu/qbcc.

Animal sciences faculty, students highlighted in video and print

Several NDSU faculty and students in the Department of Animal Sciences were recently featured in video and print.

Rob Maddock, professor of animal sciences, was featured in a "MythCrusher" video series by the American Meat Institute and American Meat Science Association. The series seeks to set the record straight about some of the most common meat myths.

The video details the facts about ground beef processing. Maddock also provides viewers with a list of things to look for when buying ground beef, such as lean versus fat content and packaging dates. The video is available at <http://meatmythcrushers.com>.

Research being conducted by animal sciences graduate student Samantha Kaminski, along with her major adviser Kim Vonnahme, on how exercise during gestation could affect future fertility in pigs was highlighted in the American Society of Animal Sciences' Taking Stock publication March 11.

To read the publication, visit <http://takingstock.asas.org/?p=7266>.

Faculty in the Department of Animal Sciences recently published several articles in the Journal of Animal Science. All are available at www.journalofanimalscience.org.

Eric Berg, Erika Berg and Kim Vonnahme published "Effect of Maternal Activity During Gestation on Maternal Behavior, Fetal Growth, Umbilical Blood Flow and Farrowing Characteristics in Pigs."

Allison Meyer, J.B. Taylor, Larry Reynolds, Carrie Hammer, Vonnahme and Joel Caton published "Maternal Nutritional Plane and Selenium Supply During Gestation Impact Visceral Organ Mass and Intestinal Growth and Vascularity of Neonatal Lamb Offspring."

Roza Yunusova, Vonnahme, Hammer, Dale Redmer, Reynolds and Caton published "Impacts of Maternal Selenium Supply and Nutritional Plane on Visceral Tissues and Intestinal Biology in 180-day-old Offspring in Sheep."

Sharna Klein and Carl Dahlen published "Effects of Temporary Calf Removal Prior to Fixed-Time AI (TAI) on Pregnancy Rates and Subsequent Calf Performance in Suckled Beef Cows."

NDSU's logistics master's program featured in military magazine

An NDSU graduate program tailored specifically to logistics professionals in the military is featured in a magazine highlighting higher education opportunities and trends for military students.

Transportation and Logistics Program director Denver Tolliver discussed NDSU's Master of Managerial Logistics Program in the April edition of Military Advanced Education. Tolliver's comments were included in the article, "Logistically Speaking," which outlined how pursuing a degree in logistics or supply chain management can help service members advance in both the military and civilian worlds. NDSU was one of several schools featured in the article.

Tolliver notes NDSU's program includes key courses such as logistics, supply chain management and international logistics. "That nucleus is then complemented by courses in crisis analysis and homeland security and technology advances in logistics," he said.

A highlight of NDSU's program is a capstone course that synthesizes concepts from previous classes and helps students crystallize and apply their knowledge to new and emerging problems.

The article is available at www.military-advanced-education.com/military-advanced-education/477-mae-2013-volume-8-issue-2-march/6574-logistically-speaking.html.

Visit www.military-advanced-education.com/military-advanced-education/477-mae-2013-volume-8-issue-2-march/6574-logistically-speaking.html to view the article with photos as well as an advertisement for NDSU's graduate programs in managerial logistics and transportation and urban systems. The article begins on page 19 and the ad appears on page 21.

2013 Power of One campaign kicks off

NDSU's annual faculty and staff campaign to fund gifts to enhance student success kicks off April 1. The monthlong "The Power of One" fund drive enters its ninth year and features more than 1,600 funds and scholarships, allowing supporters to contribute to their area of choice at the university.

Co-chairs for the 2013 campaign are Bill Law from the College of Arts, Humanities and Social Sciences, Jane Schuh from the College of Agriculture, Food Systems, and Natural Resources, and Linda Wiedmann from the College of Human Development and Education.

"When we commit to supporting the university, it sends a powerful message to the alumni and friends of NDSU," the chairs wrote in a campaign letter. "Who knows the value of our programs better than we do? 'The Power of One' is our chance to create opportunities for students through scholarships, programs and funding."

More than 5,000 donors have contributed more than \$2.8 million in the program's previous eight years. This year donations may be offered via payroll deduction, credit card or a paper pledge card.

"Please join us in supporting our university," the chairs said. "Your participation makes a difference every day, every year. Every gift counts."

For more information or to make a contribution, visit www.ndsufoundation.com/facultyandstaff.

Faculty member honored for service-learning projects



Linker

Jenny Linker, assistant professor of health, nutrition and exercise sciences, has been selected to receive the 2013 NDSU Service-Learning Award. The honor recognizes her efforts to implement two new service-learning projects in her Classroom Practice Methods of Teaching I: Physical Education K-12 course during the 2012 fall semester.

“Service-learning is a method of teaching that equally intertwines reflective service and classroom learning. Dr. Linker has demonstrated how an instructor can transform traditional ways of teaching into an engaging service-learning curriculum addressing community needs,” said Matt Skoy, chair of the selection committee and assistant director of service learning and civic engagement.

In one of the programs, “Adopt a School,” Linker partners with faculty at Minnesota State University Moorhead and Concordia College, the Dakota Medical Foundation’s Cass Clay Healthy People Initiative and elementary schools in Fargo, West Fargo and Moorhead.

In the 2012-13 academic year, teams of students in Linker’s course adopted Washington and Horace Mann/Roosevelt Elementary Schools in Fargo and West Side Elementary in West Fargo. The students conducted baseline evaluations, assessed strengths and challenges and, in conjunction with school staff, developed and implemented a project to meet the needs in each school.

Linker and Kristen Hetland of Concordia also secured \$3,500 in grants from the Dakota Medical Foundation to provide each undergraduate team \$500 to help implement their projects.

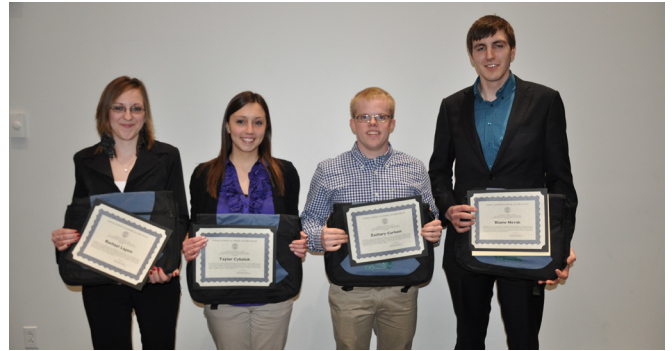
In the second project, “Let’s Move in Home School,” Linker partnered with Fargo-Moorhead homeschool organizations to provide a free 10-week physical education program to area families. The program provides enjoyable, age-appropriate physical activity experiences for homeschooled children, while giving teacher candidates authentic elementary teaching experiences. More than 75 homeschooled children participated during the inaugural semester.

“Dr. Linker developed an innovative way to extensively incorporate service-learning into the physical education curriculum that did not previously exist,” wrote faculty members Elizabeth Hilliard and Brad Strand on behalf of the Department of Health, Nutrition and Exercise Sciences in a letter of nomination. “Both programs resulted in positively impacting hundreds of community members due to the valiant efforts of the physical education teacher candidates.”

Linker joined NDSU in 2011. She earned bachelor’s degrees at the University of Massachusetts-Amherst and Westfield State College, Westfield, Mass. Linker earned her master’s degree at Bridgewater State College, Bridgewater, Mass., and her doctorate in kinesiology with a concentration in physical education teacher education from the University of Illinois.

The award is available to any graduate teaching assistant, instructor, lecturer or faculty member who uses service-learning as a teaching tool in a course. The service-learning projects must be incorporated into the course curriculum, and partner with a nonprofit or government agency to address a community need or significant campus community project.

Animal science students, alumni earn honors



From left to right: Rachael Lagein, Taylor Cymbaluk, Zac Carlson and Blaine Novak participated in the Academic Quadrathlon.

NDSU students and alumni excelled in various competitions and received several awards during the Midwest American Society of Animal Science/American Dairy Science Association meetings in Des Moines, Iowa, March 11-13.

In research paper competitions, senior Zach Carlson, Stanchfield, Minn., was awarded first place in the Undergraduate Poster Competition for his poster titled, “Effect of corn processing and distiller’s grains inclusion on intake, rumination and resting time of finishing steers fed a high concentrate diet.”

Graduate student Arshi Reyaz was awarded second place in the Master of Science Poster Competition for her poster titled, “Nutrient restriction during early and mid-gestation followed by realimentation alters caruncular arterial vasoreactivity in response to bradykinin in beef cows.”

Graduate research assistant Ely Camacho was awarded first place in the Doctoral Poster Competition for her poster titled, “Effects of maternal nutrient restriction followed by realimentation during early to mid-gestation on conceptus development in beef cows.”

A team of NDSU students also participated in the Academic Quadrathlon. Out of 16 teams, the NDSU group was fourth in the oral presentation, sixth in the written test, ninth in the quiz bowl and 10th in the lab practical. Members included Rachael Lagein, a junior from Rock Lake, N.D.; Taylor Cymbaluk, a senior from Crookston, Minn.; Carlson; and Blaine Novak, a sophomore from Fordville, N.D.

In addition, NDSU alumnus Tim Loy, MS ’01, animal and range sciences, received the Outstanding Early Career Agribusiness Award. Loy is director of nutrition and external feeding at Adams Land and Cattle Co., Broken Bow, Neb.

NDSU animal sciences faculty and students presented 22 papers at the meetings.

NDSU staff win ADDY Awards

NDSU employees recently won several awards at the 2012 American Advertising Federation of North Dakota's ADDY Awards. Advertising professionals from across the state submitted 423 entries in 102 categories, which were evaluated by a panel of out-of-state judges.

Winning entries from the Publications Services office:

Gold ADDY Awards

- NDSU Archives brochure, done for NDSU Archives
- Theatre season campaign, done for NDSU Theatre department
- Land Grant Summit materials, done for NDSU Land Grant Summit
- Herd Hankie, done for the NDSU Alumni Association
- Bison Arts Gala invitation, done for NDSU Fine Arts

Silver ADDY Awards

- Take Back the Night invitation, done for NDSU Student Life
- Music Summer Symposium brochure, done for NDSU Fine Arts
- NDSU Viewbook, done for the Office of Admission
- Governor's School campaign, done for North Dakota Governor's School
- Bison Football Season Ticket mailer, done for NDSU Athletics

Staff honored for their work included Brad Clemenson, Janelle Kistner, Rebekka DeVries, Beth Hagemeister, Katie Elenberger, Morgan Davy, Dan Koeck, Kathy Laid and Anne Robinson-Paul.

Winning entries from the Distance and Continuing Education office:

Gold ADDY Awards

- Non-Credit Classes Catalog, for NDSU DCE
- Annual Report 2013, for NDSU DCE
- Reimagine Postcards, for NDSU DCE
- USB Information and Freebies Package, for NDSU DCE

Silver ADDY Awards

- App Microsite, for NDSU DCE
- Holiday Greeting, for NDSU DCE
- RSVP+ Academic Achievement Cards, for NDSU DCE

DCE staff honored included Ludvik Herrera, Jason Gunkel, Theresa Kjelgaard, Connie Jadrny, Saumya Singh and Jeff Knight.

The ADDY Awards are a national creative awards competition and a program of the American Advertising Federation. Each year, AAF members from around the country enter more than 60,000 samples of their best work, making the ADDYs the world's largest advertising competition. Gold winners from the North Dakota contest advance to the District 8 competition, which includes all local winners from North Dakota, South Dakota, Minnesota and Wisconsin. Gold winners at this level advance to the national competition. Entries are judged in diverse categories such as sales promotion, interactive media, print, radio and television advertising, as well as categories for work completed by area college students.

Students design healing garden for Fargo VA Hospital

NDSU architecture and landscape architecture students have been working together in a collaborative seminar to design a healing garden for the VA Hospital in Fargo, which will be used by veterans and their families, visitors and hospital personnel.

On Thursday, March 28, the students will present their conceptual design to VA Hospital administration and to Land Elements, the landscape architecture firm that will further refine the student ideas.

Joan Vorderbruggen, assistant professor of architecture, and Kathleen Pepple, assistant professor of landscape architecture, are co-teaching the seminar. It was initiated to help their students understand that one of their roles as designers is to create spaces that elevate human well-being.

Vorderbruggen said the project is helping students learn what constitutes a healing environment both indoors and outdoors, and how they can incorporate healing elements and qualities into their designs. She said they have prepared for the project a number of ways.

"Over the course of the semester, students have visited the VA Hospital site, met with the VA staff and had discussions with veterans. They have had access to readings, lectures, presentations and speakers on the topic of healing environments, and were able to listen to and speak with a woman who found healing in a garden while going through chemo and radiation treatment for cancer," she said.

The healing garden is slated for construction this summer.

Advance FORWARD project seeks Advocates

The Advance FORWARD project is seeking applications from male faculty to serve as Advocates in the FORWARD Advocate/Allies Program. Advocates are male faculty interested in supporting women faculty members in departments, colleges and the university. Advocates are expected to be active proponents of gender diversity and equality, specifically working to increase the number of women faculty; encourage the hiring and promotion of women faculty to administrative positions; and ensure fair and equitable treatment of women within their units.

Advocates must be open to expanding their knowledge and understanding of unconscious bias, institutional bias and institutional climate and to being mentored about these issues by women faculty. Advocates meet monthly to discuss readings, offer ally workshops and support and attend FORWARD events.

Applications are due by April 2. Application information and details on the FORWARD Advocate/Allies Program can be found at www.ndsu.edu/forward.

Accounting assistant professor publishes manuscript



Herda

David Herda, assistant professor of accounting, co-wrote the manuscript, "An Interview Study to Understand the Reasons Clients Change Audit Firms and the Client's Perceived Value of the Audit Service," which has been accepted for publication in *Current Issues in Auditing*. The co-authors are Richard Fontaine and Soumaya Ben Lataifa from the University of Quebec in Montreal.

Current Issues in Auditing is published by the Auditing Section of the American Accounting Association. The free, online journal is devoted to advancing the dialogue between academics and practitioners on current issues facing the auditing practice community.

Cancer-fighting foods featured at student-run cafe

Evidence shows a diet filled with a variety of plant foods such as vegetables, fruits and whole grains helps to lower cancer risk. That's why during Cancer Awareness Month, NDSU's student-run restaurant, 800 Café, will feature cancer-fighting foods on Thursday, April 18, and Friday, April 19.

Dietetic students Danaca Johnson and Zoe Houle will manage the healthy three-course meal, during which they will share how the foods being served will help fight disease. They also will highlight nutritional facts about tomatoes.

The first course is a homemade tomato basil soup. The second course includes a black bean salad, basil and garlic vegetable pasta with balsamic vinaigrette, and a turkey tomato wrap. For dessert, the students will serve a warm, fruits-of-the-forest crisp with whipped topping.

The 800 Café is located in the Family Life Center room 312. Seating begins at 11 a.m. and the last seating starts at 12:15 p.m.

The cost is \$8 per meal, beverages included. Reservations are encouraged because seating is limited. To make a reservation, contact Ronda Klubben at ronda.klubben@ndsu.edu or 1-7487. Parking is available in the visitor's lot on the NDSU campus.

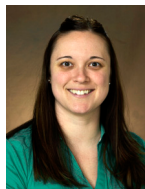
The 800 Café will serve lunch on Thursdays and Fridays until April 26. Four-meal punch cards also are available for \$30.

Juniors and seniors majoring in dietetics operate Café 800 for an entire semester, serving food with china and linen. It is part of the Foodservice Management I course taught by Sherri Nordstrom Stastny, registered dietitian and assistant professor in health, nutrition and exercise sciences.

For more information, visit http://www.ndsu.edu/hnes/program_contact_information/departement_restaurant_800_cafe/.

For more information on food-related cancer research, visit aicr.org.

Assistant volleyball coach named



Rauen

NDSU head women's volleyball coach Kari Thompson announced the hiring of a new assistant coach to fill one of two vacancies on her staff.

Sarah Rauen, an assistant the past three seasons at Green Bay, takes over for Shari Davis, who resigned earlier this year. NDSU's other full-time assistant, Jason Reed, was hired as the head coach at the University of Indianapolis.

Rauen will assist in all areas of the NDSU program with an emphasis on defense and passing skills, recruiting in Minnesota and Wisconsin, and supervising academic progress.

"Sarah's expertise in coaching defensive players and serve reception will be vital to our program's success," Thompson said. "She is a hard-working, intelligent coach and believes in our Bison values. Sarah is dedicated to the success of the student-athlete and knows what it takes to be successful both on the court and in the classroom."

Rauen graduated Magna Cum Laude from Green Bay with a degree in human biology in December 2007.

New student orientation dates set

The Office of Orientation and Student Success has set the following dates for upcoming new student orientation and registration programs.

Orientation and registration will acquaint students with the NDSU campus and university life while allowing them to register for fall semester classes. For more information, contact the Office of Orientation and Student Success at 1-8379.

- April 22 – Transfer and Summer School Drop-in Orientation
- June 13 – Scholars' Orientation
- June 14 – Scholars' Orientation
- June 21 – Transfer Drop-in Orientation
- June 24 – Freshman/Family
- June 25 - Freshman/Family
- June 26 - Freshman/Family
- June 27 - Freshman/Family
- June 28 - Freshman/Family
- July 1 - Freshman/Family
- July 9 - Freshman/Family
- July 10 - Freshman/Family
- July 11 - Freshman/Family
- July 31 – Combined: Freshman/Family and Transfer
- Aug. 26 - Combined: Freshman/Family and Transfer

Volunteers sought for Science Olympiad

More than 800 middle and high school students, teachers and spectators are expected to participate in the North Dakota Science Olympiad scheduled for Saturday, April 20, at NDSU. Volunteers are needed to facilitate the event, which allows students to compete in a series of science, technology, engineering and mathematics events to test their competency in the sciences.

A meeting is scheduled for Wednesday, April 3, at 3 p.m. in the Family Life Center room 313 for potential volunteers to learn about the duties and perks of being a facilitator and view the descriptions of various events. For a complete list of events and a short description of each, visit www.ndsu.edu/olympiad/2013_events.php.

“We need many volunteers in order to make this a fun and exciting experience for the competitors,” said Otto Borchert, co-director of North Dakota Science Olympiad and a programmer analyst in NDSU’s Center for Science and Mathematics Education.

Facilitators generally complete advance preparation for the event and facilitate/judge the event on the day of competition. Facilitating experience and expertise in a scientific field aren’t required to participate, according to Borchert.

For more information on volunteering for the event, contact Borchert at otto.borchert@ndsu.edu or Guy Hokanson at guy.hokanson@ndsu.edu or 1-5987.

More information on Science Olympiad is available at www.ndsu.edu/olympiad.

Transportation institute seeks scholarship applicants

The Upper Great Plains Transportation Institute is offering five scholarships for current NDSU juniors and seniors to be awarded for the 2013-14 academic year. To be considered, students should apply by May 1. The application is available at www.ndsu.edu/transportation/scholarship.

The Charles E. Herman Scholarship recognizes academic achievement and promotes education of transportation students with a preference to women and minorities at NDSU. Funding for one \$2,000 scholarship is provided by the Charles E. Herman Scholarship Endowment Fund, NDSU Development Foundation.

The Paul E.R. Abrahamson Transportation Scholarship recognizes outstanding students at NDSU with an interest in the transportation and logistics of agricultural products. Funding for two \$1,500 scholarships is provided by the Mountain Plains Consortium. The Upper Great Plains Transportation Institute is the lead institution of the eight-university consortium, which is funded through the University Transportation Centers Program of the U.S. Department of Transportation.

The Transportation Engineering Scholarship recognizes academic achievement and promotes the education of transportation students at NDSU. Funding for two \$1,500 scholarships also is provided by the Mountain-Plains Consortium.

Tapestry of Diverse Talents nomination deadline nears

The deadline to submit nomination materials for the Tapestry of Diverse Talents is Friday, April 12, at 1 p.m. in the Student Activities Office. The tapestry, a Memorial Union program, is a pictorial mosaic that recognizes students, faculty, staff and alumni for their diversity and contributions to NDSU.

Individuals are inducted each semester and reflect the ages, classes, abilities, ethnicities, genders, races, regional differences, sexual orientations, beliefs and values of the university community.

The Tapestry Selection Committee reserves the right to request additional information from nomination submissions. For more information, visit www.ndsu.edu/mu/programs/civic_engagement/tapestry_of_diverse_talents or contact stephanie.gramlow@ndsu.edu.

EVENTS

Hospitality Student Association to host Food and Wine Show

The NDSU Hospitality Student Association will host the ninth annual Food and Wine Show on Thursday, March 28, from 5:30 p.m. to 8 p.m. at the Harry D. McGovern Alumni Center. A special Tartan Trunk Show is also planned for the evening.

The event will feature an assortment of food and wine and silent auction to support student scholarships and activities.

Tickets are \$15 in advance and \$20 at the door. Attendees must be 21 years of age or older. A picture ID will be required. Semi-casual dress is recommended. For tickets, email foodnwineshow@yahoo.com.

The event is supported by Happy Harry’s, The HoDo, Gastropub, Nichole’s Fine Pastry, The Great American Grill, Starbucks and Josie’s Corner Bakery.

For more information, contact Hospitality Student Association Adviser WooMi Phillips at woomi.phillips@ndsu.edu.

NDSU events to celebrate National Public Health Week

NDSU has a series of events planned to celebrate National Public Health Week, which is April 1-7. The week is used to highlight the value of prevention and the importance of well-supported public health systems in preventing disease, saving lives and curbing health care spending.

“Our goal for hosting these activities at NDSU is to raise awareness of public health issues locally and the research and programs we are developing to address these issues specifically through the Master of Public Health program at NDSU,” said Donald Warne, director of NDSU’s Master of Public Health program.

The following events are free and open to the public.

Wednesday, April 3

NDSU Master of Public Health faculty and students will present current research and interests in a public health research seminar. The event is scheduled for 11:30 a.m. to 1 p.m. in the Memorial Union Hidatsa room. Refreshments will be served from 11 a.m. to 11:30 a.m.

Thursday, April 4

A presentation featuring officials from the North Dakota Department of Health and NDSU's public health program is scheduled from noon to 1 p.m. in the Memorial Union Century Theater. Terry Dwelle, North Dakota state health officer, and Warne will discuss public health in North Dakota, Dwelle's experience with tropical medicine training and the Master of Public Health degree. Posters also will be available for viewing.

Friday, April 5

A lunch and learn panel discussion is scheduled from noon to 1 p.m. in the Memorial Union Hidatsa room. Dietitians and professionals who work with school wellness policies, the new school lunch and competitive food changes and local public health are scheduled to discuss the health changes and connection with public health units in helping keep kids healthy.

For more information about National Public Health Week, visit www.nphw.org. For more information on NDSU's Master of Public Health program, visit www.ndsu.edu/publichealth.

Film festival, storyteller aim to spur discussion on disability topics



The NDSU Disability/Accessibility Initiatives Committee invites students, faculty and staff to participate in a variety of events planned for Disability Awareness Month during April.

"REEL Life," an on-campus film

festival, is planned for Wednesday, April 3. It will feature four films and a presentation, all aimed at spurring discussion regarding topics on disability.

Films include "Read Me Differently" at 10 a.m., "When Billy Broke His Head ... And Other Tales of Wonder" at 1 p.m., "Fly Away" at 2:30 p.m. and "Reign Over Me" at 7 p.m. – all in the Memorial Union Century Theater. Throughout the day, discussions will consider misconceptions surrounding disability and examine how disability is portrayed in the media.

At noon, Carrie Anne Platt, assistant professor of communication, will present "Disability Discourses in Popular Culture: What's Glee got to do with it?" in Century Theater.



Platt



Bruce

To access the full schedule of events and list of participating sponsors for "REEL Life," visit www.ndsu.edu/hr/news/article/16632.

American Sign Language storyteller and performer Trix Bruce will present "The Hearing World Around Me" on Wednesday, April 17,

at 6:30 p.m. in Beckwith Recital Hall. Bruce will express how deaf culture has colored her life as she shares her most embarrassing moments, learning experiences, greatest challenges and growing sense of pride.

Individuals with disabilities are invited to request reasonable accommodations by emailing ndsu.edcenter@ndsu.edu or calling 1-5263 at least one week prior to the event.

All events are free and open to the public; participants of each event are invited to bring a donation of non-perishable food items for the Equity and Diversity Center Food Pantry.

LGBTQ presentation scheduled

Allen Keiswetter, parent of a transgender son and past president of the Metro D.C. chapter of Parents, Family and Friends of Lesbians and Gays, or PFLAG, is scheduled to give an LGBTQ presentation April 4 at noon in the Construction Management and Engineering auditorium.

Keiswetter led the Metro D.C. chapter, which has more than 1,000 members, from 2004-08. He also has been active in the organization's Straight for Equality program that offers corporations and government agencies training on LGBTQ issues in the work place. His wife, Gerda, has been actively involved in support groups, especially on transgender issues.

Keiswetter will share his family's story and offer ideas for discussion. Depending on the size of the audience and time, he will do a short exercise to demonstrate the difficulties of being closeted.

Guest parking is available in the visitor's lot north of the auditorium. Special needs requests or questions can be directed to Dennis Cooley at dennis.cooley@ndsu.edu or 1-7038.

The presentation is sponsored by NDSU's Northern Plains Ethics Institute and Diversity Initiatives Grant.

Annual Design Expo aims to pair students, employers

NDSU students majoring in architecture, landscape architecture and interior design will get the chance to meet potential employers. The Design Expo 2013 is scheduled for Thursday, April 4, from noon to 3 p.m. on Renaissance Hall's fifth floor.

The annual event allows students to discuss or interview for current and/or future career-related employment and cooperative education and internship opportunities.

Employers scheduled to participate include: BWBR Architects, St. Paul, Minn.; HGA Architects and Engineers, Minneapolis; Hebron Brick Landscaping, Fargo and Jamestown, N.D., and Detroit Lakes, Minn.; Pope Architects, St. Paul; RSP Architects, Minneapolis; Widseth Smith Nolting, Brainerd, Minn.; Wold Architects and Engineers, St. Paul.

The expo is sponsored by the NDSU Career Center and the Department of Architecture and Landscape Architecture. The event is open to NDSU students and alumni only.

For more information on the event, visit www.ndsu.edu/career/design_expo.

House-selling seminar scheduled

NDSU Distance and Continuing Education will sponsor a two-day seminar, "Are You Ready to Sell Your House?" scheduled for Thursday, April 4, from 6:30 to 8:30 p.m. and Thursday, April 11, from 6:30 p.m. to 8:30 p.m. in the NDSU SGC building, room D104.

Selling a house in today's economy takes preparation and understanding of the home-buying climate in your area. Sellers need to know what is important to meet a buyer's expectations. This workshop provides information on how to prepare, stage and sell a house.

A panel of realtors and other home sales professionals will provide insights in deciding when and how to sell a house. Presenter Cheryl Thompson, a former banker and consumer education instructor, said, "I thought people might benefit from this program to assist them in selling such a major purchase."

Topics of discussion include:

- Initial planning and preparation for selling a house
- Options for selling through a realtor or on your own
- Necessary repairs before you sell
- How to clean, de-clutter and showcase a house.

The seminar is open to the public and costs \$25 per person. Individuals are invited to bring a guest or spouse for an additional \$5 when registering at the same time. Seating is limited. Register at <http://ndsu.me/dcem1303b>. For information about other upcoming workshops, go to <http://ndsu.me/dcesem2013>.

FORWARD offers women staff 'Power of Dead Even Rule' workshop

FORWARD will sponsor the "Power of Dead Even Rule" workshop for women staff members on Monday, April 8, from 11:30 a.m. to 1:30 p.m. in the Memorial Union's Prairie Room. Lunch will be provided.

The workshop will include information on understanding why men and women behave and communicate differently, the internal "rules" women and men use to define appropriate adult behavior and how to improve workplace communication between men and women. Marie Hvidsten, rural leadership specialist and Rural Leadership North Dakota program director with the NDSU Extension Service, will present the workshop.

Workshop registration can be completed on the FORWARD website at www.ndsu.edu/forward.

Nature's 'green' health care plan subject of Science Café



Sinha

Recycling and cleaning the environment is essential for the planet's health. So it is for the function of cells in the human body.

An assistant professor in NDSU's chemistry and biochemistry department will explain how a mechanism present in organisms from yeast to humans enables cells to clean house and recycle molecules.

Sangita Sinha, assistant professor of chemistry and biochemistry at NDSU, is scheduled to present "Nature's 'Green' Health Care Plan: Cellular Recycling by Autophagy" Tuesday, April 9, at 7 p.m. in Stoker's Basement, Hotel Donaldson, 101 N. Broadway in Fargo.

Autophagy is derived from the Greek words "auto," meaning "self," and "phagy," meaning "to eat." Sinha explains that during autophagy, when large molecular assemblies inside cells are damaged, harmful or simply no longer needed by the cell, they are degraded so its component building blocks can be reused to make new molecules the cell needs.

"Why is autophagy important? Even reduced levels of cellular autophagy result in major health problems as it prevents cells from eliminating or cleaning up cellular components that are no longer needed or are defective due to mutations or damaged by UV radiation or pollutants," Sinha said.

The accumulation of defective or damaged cellular components causes many chronic diseases such as cancers and neurological diseases such as Parkinson's and Alzheimer's. Reduced levels of autophagy also prevent the elimination of pathogens, including HIV and influenza, which live inside cells.

"Hence, autophagy allows cells to survive conditions of reduced nutrition and increased stress and also prevents accumulation of harmful molecules inside cells, helping prevent disease as diverse as cancer, cardiac diseases, neurodegenerative diseases, aging and many infectious diseases," Sinha said.

Humans can increase cellular autophagy through exercise and reducing caloric intake. "Recycling occurs at all levels – molecular, cellular organismal, environmental – and is important for the health of the system at each level," Sinha said. "Therefore, activities that promote recycling are good for the health of the system."

The presentation is part of the College of Science and Mathematics' Science Café series. Each month, a scientist presents on a different topic and time is allowed for discussion with the scientist and other attendees. Attendees must be 21 or older or accompanied by a parent or guardian.

For more information, contact Keri Drinka at 1-6131 or keri.drinka@ndsu.edu.

Pharmaceutical Sciences research lectures scheduled

The NDSU Department of Pharmaceutical Sciences and College of Pharmacy, Nursing, and Allied Sciences have invited three distinguished scientists to deliver research lectures and meet with faculty and graduate students. The seminars are open to everyone interested in pharmaceutical and biomedical research.

Jianhua Zhang, associate professor of pathology at the University of Alabama at Birmingham School of Medicine, is scheduled to present "Autophagy in Cellular Response to Bioenergetic and Oxidative Stress" on Thursday, April 11, at 2:30 p.m. in Sudro Hall room 21.

Zhang's long-term research interests are to understand the cellular and molecular mechanisms responsible for cell death in the context of a variety of human diseases. In particular, her research group specializes in genetic perturbations of genes encoding cell death regulators and executioners and their influences on disease propensity.

Recently, Zhang's research group has focused on autophagy-lysosomal regulation, their impact on protein and organelle homeostasis, cellular bioenergetics and oxidative stress in neurodegenerative diseases including Parkinson's and Huntington's diseases. Her research group is generating and characterizing novel mouse models that are capable of dissecting the role of key autophagy-lysosomal proteins in pathogenesis and therapy. Zhang has more than 80 publications and her research has been supported by National Institutes of Health RO1 grants and VA Merit Award.

Zhang earned his doctorate from the University of Texas Southwestern Medical Center at Dallas and postdoctoral training from Whitehead Institute for Biomedical Research.

Victor Darley-USmar, professor of pathology at the University of Alabama at Birmingham School of Medicine, is scheduled to present "Bioenergetics, Oxidative Stress and the Development of Therapeutics" on Friday, April 12, at 9 a.m. in Sudro Hall room 21.

The research focus of Darley-USmar's laboratory is to understand how the signaling pathways are altered in vascular disease and how free radicals play a role. Two areas are of particular interest: Those involving oxidized lipoproteins and the free radical signaling molecule nitric oxide. Darley-USmar's research group is particularly interested in how the interaction of mitochondria with nitric oxide can modulate cell signaling, and defining the molecular events which control nitric oxide-signaling pathways in the diseased vessel wall.

Recently, Darley-USmar's group defined new approaches to integrating bioenergetic analysis into the pathophysiology of human disease. He uses molecular biology, proteomics and cellular approaches to address these problems.

Darley-USmar has published more than 270 publications in high-impact journals such as PNAS and others. He has been funded continuously with multiple RO1 grants and program project. Darley-USmar earned a doctorate from the University of Essex, England, and postdoctoral training from the University of Oregon.

Zvonimir Katusic, professor of pharmacology and anesthesiology at Mayo Clinic, is scheduled to present "Endothelial Dysfunction in the Cerebral Circulation" on Wednesday, April 17, at 8:30 a.m. in

Sudro Hall room 27. Katusic's group has a long history of studying human cerebral blood vessels. Their studies are performed on experimental models of stroke and Alzheimer's disease. Katusic's research focuses on morphological, functional and biochemical characteristics of cerebral vasculature. In addition, experiments on isolated blood vessels enable his team to directly test vascular effects of novel drugs.

He has more than 160 publications and his research has been funded by the National Institutes of Health, American Heart Association and other funding agencies and organizations.

Katusic earned doctoral and doctor of medicine degrees from the University of Belgrade.

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

Staff Recognition Luncheon scheduled for April 12

The Office of Human Resources/Payroll is sponsoring the 25th annual NDSU Staff Recognition Luncheon on Friday, April 12, at 11:30 a.m. in the Memorial Union Great Plains Room.

Staff retirees and employees with five, 10, 15, 20, 25, 30, 35 and 40 years of service will be recognized at the luncheon. All NDSU employees are invited to attend the luncheon in support and recognition of their colleagues.

The meal cost is \$14 per person and is payable at the Office of Human Resources/Payroll, SGC, 1919 N. University Drive, Suite 102. Tickets for the meal may be purchased through Friday, April 5. For special dietary needs or requests for accommodations related to a disability, contact the Office of Human Resources at 1-8961 by Friday, April 5.

Seminar planned by agribusiness and applied economics department

Scott Fausti, a researcher from South Dakota State University, will present "Expected Utility, Risk, and Marketing behavior: Theory and Evidence from the Fed Cattle Market" on Friday, April 12, at 3 p.m. in Richard H. Barry Hall room 600.

Fausti is a member of the Department of Economics and the South Dakota Agricultural Experiment Station. He teaches mathematical economics and applied risk analysis and conducts research on price discovery issues affecting the beef cattle market. His specialty area is livestock marketing, risk management and international trade.

Woodlands and High Plains Powwow set for April 13

More than 200 dancers and 3,000 guests are expected to gather at the 24th annual Woodlands and High Plains Powwow scheduled for Saturday, April 13, at Nemzek Field House at Minnesota State University Moorhead.

Minnesota State Community and Technical College is hosting and co-sponsoring the event. Other co-sponsors include NDSU, Concordia College and Minnesota State University Moorhead.

This year's theme is "Our Life, Our People" and continues the tradition of promoting strong American Indian identities and deepening appreciation for the intellectual gifts and abilities of American Indians in the community.

Doors will be open to the public from 12:30 p.m. to 10 p.m. with the grand entries by the participating dancers at 1 p.m. and 7 p.m.

Regular admission is \$3 for adults and \$2 for children ages 6-18. Admission is free for children under age 6, guests age 55 and older and students with a current campus ID from any of the four sponsoring colleges. Free parking will be available at Nemzek Field House.

Clifford Canku, assistant professor of practice for Dakota Studies at NDSU and member of the Sisseton-Wahpeton Oyate, will be the event's spiritual adviser.

Green and Golden Globe Diversity Awards scheduled



The fourth annual Green and Golden Globe Diversity Awards Ceremony is scheduled for Monday, April 15, in the Memorial Union Great Plains Ballroom. A donor's reception will begin at 3 p.m. and the program and awards ceremony will follow at 3:30 p.m.

The NDSU Division of Equity, Diversity and Global Outreach created the ceremony to acknowledge the efforts of faculty, staff and students from across the university who create a welcoming, safe and inclusive environment where all people can learn and work. For more information, visit www.ndsu.edu/diversity.

Discover NDSU events scheduled

High school students are invited to explore NDSU and see what the university has to offer during Discover NDSU this spring. The Office of Admission has scheduled sessions for Friday, April 19, and Saturday, April 20, from 8 a.m. to 2 p.m.

Events will feature an activity fair, admission presentation, student panel, academic interest session, general campus tour and lunch. Optional specialty tours include Renaissance Hall, Richard H. Barry Hall, Sudro Hall, the Engineering Complex and select residence halls.

For more information, contact Elizabeth Worth at 1-8800 or elizabeth.worth@ndsu.edu or Brad Jones at 1-5634 or bradley.jones@ndsu.edu or visit www.ndsu.edu/admission/visit/discoverndsu.

Heritage month to feature internment camp descendant



Nozaki wrapped in a quilt gifted to her by United Tribes Technical College.

Kyoko Norma Nozaki's father was one of nearly 4,000 prisoners of Japanese and German descent relocated to an internment camp at Fort Lincoln in Bismarck, N.D., during World War II. Despite being born in California, he was forced to the camp for 10 months, leaving behind a wife and two children.

Nozaki, professor emeritus at Kyoto Sangyo University, Japan, will recount her family's shifting cultural identity that resulted in a presentation, "Internment and Identity Shift: Through Transnational War

Memory," on Wednesday, April 24, from noon to 1:15 p.m. in the Memorial Union Century Theater.

The event is part of NDSU's Asian-American and Pacific Islander Heritage Month.

In 2007, Nozaki visited the site of the camp, which now is home to United Tribes Technical College. The building her father was held in still stands. "When I think about the time and circumstances, particularly about my mother, who was in her late 20s, stranded with two small children and not certain if she would ever meet up with her husband again, my heart still aches," Nozaki said.

Dennis J. Neumann, BS '71, mass communication, MS '97, mass communication, and public information officer of United Tribes Technical College, will open the event with a presentation providing for the setting and context regarding Fort Lincoln's use as an alien internment camp operated by U.S. Department of Justice's Immigration and Naturalization Service. A reception is scheduled to follow in the Memorial Union's Butte Lounge.

Also scheduled is "Culture Fair: Asia and Oceania" on Tuesday, April 23, from 2 p.m. to 4 p.m. in the Memorial Union Mandan room. Attendees can visit interactive booths featuring fun activities and cultural information from Asia and Oceania.

Both events are free and open to the public.

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.

Nutritional Research Specialist

Agricultural Experiment Station
Animal Science
\$20,000+/year
April 1

Research Specialist

Agricultural Experiment Station Plant Science
\$40,000 +/year
April 25

Marketing Communications and Public Relations Specialist

Distance and Continuing Education
\$42,000+/year
March 29

Help Desk Consultant

Information Technology Services
\$40,000/year
Open until filled

Assistant Pulse Crop Breeder

Agricultural Experiment Station North Central Research Extension Center
Commensurate with qualifications and experience
Open until filled

Forest Stewardship Specialist

North Dakota Forest Service
\$34,974+/Depending on Experience
Open until filled

Customer Account Technician - (open to NDSU employees only)

Agriculture Communication
\$30,000+/year
April 3

Ag Technician-Mechanic

Agricultural Experiment Station Williston
Research Extension Center
Commensurate with experience
Open until filled

Pharmacy Technician

Family Healthcare Pharmacy
Commensurate with experience
Open until filled

Administrative Secretary, Fort Berthold Extension Office, New Town, N.D.

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

Systems Mechanic

Facilities Management
\$40,000+/year
April 1

Food Service Worker

Dining Services
\$9.50+ /hour
April 1

Custodian

Residence Life
\$20,384+/year
Open until filled

Lead Caterer

Dining Services
\$10.50+/hour
Open until filled

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

SEND NEWS SUBMISSIONS to ndsu.university.relations@ndsu.edu

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