

NDSU

VOLUME 1 ISSUE 14

IT'S HAPPENING AT STATE

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High School Upward Bound students compete in Olympic-style contest

NDSU High School Upward Bound students from the NDSU TRIO department recently participated in a regional Olympic-style contest and won the 2009 Traveling Spirit Stick. The students participated in swimming, volleyball, Sudoku, math masters, brain busters, egg drop, kickball, track events, hot shot, diving and ping pong. Other activities included derby building, swimming, track and chess.

High School Upward Bound is a pre-collegiate program funded by the Department of Education through competitive grants. Students are first-generation possible college grads from financially disadvantaged families. Other Upward Bound programs participating were University of Mary, South Dakota State University, University of North Dakota, University of South Dakota and Northern State University. More than 300 students participated in the games.

The Spirit Stick is given to the team that demonstrates team spirit and good sportsmanship. The Spirit Stick is on display at the Memorial Union Gallery. This is the first year NDSU has participated in the High School Upward Bound Olympics.

High School Upward Bound director Kris Mickelson and academic tutors/coaches Travis Dockter, Kaylie Young, Lindsey Gedrose, Shawn Pauly, Bethany Wagner, Annie Preskey and Jessica Brown accompanied the students.



Back row, left to right: Myles Frost, Tutey Gaylah, Kaylie Young, Aline Bisimwa, Lindsey Gedrose, Bethany Wagner, Annie Preskey and Travis Dockter. Middle row, left to right: Jessica Brown, Ashley Morris, Monica Morris, Naomi Sangayoa, Rufina Nyanfor, Vera Gaylah, Shawn Pauly and Jenny Everson. Front row, left to right: Kris Mickelson, Sarah Zozimo, Catlin Grubbs and Zainab Kamara. Sitting in front: Clilia Nisko.

Bison Information Network television studio nears completion

NDSU faculty, staff and students can expect the Bison Information Network television studio and control room to be completed in time for the Fall Semester. Construction continues in the building on 12th avenue, across from the NDSU library. The building also includes Jimmy John's, Jitter's and Sandella's Flatbread Café.

In addition to a new studio, the building also will house a student video editing lab, offices and a state-of-the art television control room. The Bison Information Network is the third major student media outlet at NDSU, joining The Spectrum and Thunder Radio.

NDSU students will begin preparing a weekly NDSU newscast and other programming during the Fall Semester. Programming will air

on a Bison campus channel and discussions continue about airing programming on local cable or other local channel.

Construction is expected to be completed at the end of July, and approximately \$230,000 worth of equipment will be installed in the weeks to follow. NDSU students can expect new television broadcasting courses to be offered by the Department of Communication including a television studio production class this fall.

For more information, contact Peter Gregory, Bison Information Network director, at peter.gregory@ndsu.edu or Rich Lodewyk from the Department of Communication and broadcast program director at rich.lodewyk@ndsu.edu

NDSU www.ndsu.edu/itshappening

Summer publication dates set for 'It's Happening at State'

Regular weekly publication of "It's Happening at State" will resume Aug. 26. The submission deadline for that issue is Aug. 20.

Disney Train coming to NDSU

Disney's "A Christmas Carol" Train Tour will stop at NDSU on July 15 from 9 a.m. to 7 p.m. The event is free and open to the public.

Summer news and events

As information becomes available, news and event updates will be available at the "It's Happening at State" Web site www.ndsu.edu/itshappening.

Regular hours to resume

NDSU regular hours begin Monday, Aug. 17. Hours are 8 a.m. to 5 p.m., with an hour lunch break.

Boudjouk provides information to Senate subcommittee



Boudjouk

Philip Boudjouk, board chair of The Coalition of EPSCoR/IDEA (Experimental Program to Stimulate Competitive Research/Institutional Development Award) States, testified on June 18 before the U.S. Senate's Committee on Appropriations, Subcommittee on Defense. Boudjouk is vice president for research, creative activities and technology transfer at NDSU.

In his testimony, Boudjouk noted the Department of Defense EPSCoR receives grants to perform research in response to the department's priorities. The funding supports basic research, publications and patents, graduate student training, purchase of research equipment and multi-state research collaborations. Past research for the Department of Defense EPSCoR has included designing helicopter rotors, development of critical software systems, wireless communication systems, preventing laser damage to aircraft optical guidance systems and increasing durability of lightweight composite materials.

Boudjouk noted that researchers in Department of Defense EPSCoR states can make important contributions that support the research needs of the Department of Defense. Examples of such research include prediction of river currents for Navy operations, determining the effect of exposure of military personnel to extreme physical and climatic conditions and developing small plastic air-vehicles for the Air Force. The program is a non-profit organization representing 21 states and two territories currently eligible to receive research awards.

North Dakota is among the jurisdictions designated to participate in the program. In addition, 26 states and territories participate in EPSCoR. In his role as chair of The EPSCoR Coalition, Boudjouk serves as the coalition's liaison to federal agencies and non-profit institutions such as the American Association for the Advancement of Science and provides testimony to Congressional committees.

In North Dakota, EPSCoR provides funding for research infrastructure such as high performance computing, equipment for research programs, funding for new researchers, financial support for undergraduate and graduate student research, funding to provide technology expertise to businesses in the state, and funding for research in conjunction with North Dakota's tribal colleges. A positive economic impact of \$433 million has occurred in North Dakota due to the \$188.4 million awarded to EPSCoR-supported researchers since 1986.

Boudjouk was chairperson for The Coalition of EPSCoR States from 2000-01, and was project director for the North Dakota EPSCoR program from 1992-2000. The North Dakota EPSCoR program is widely recognized for its success in promoting and administering millions of dollars in federal contracts with research faculty throughout the North Dakota University System. In 2008, North Dakota EPSCoR received a five-year \$15 million grant to develop and support scientific research infrastructure in the state.

English department establishes Governor's School program



Governor's School student Jon Bowen, assistant professor Kelly Sassi and Governor's School student Chamonix Martin participate in the new English studies program.

The NDSU Department of English is conducting its first Governor's School program in English studies as part of a multi-discipline state and national venture. North Dakota Governor's School brings in exceptional high school students from across the state for intensive study in a field of their choice. Initially focused on math and science, it has grown considerably with the addition of computer science and marketing, the visual arts and musical theatre.

The English studies program introduces students to creative writing, rhetoric, literature, technical writing, composition studies and linguistics. Students are attending lectures and workshops, gaining a glimpse into college life and advanced study and producing a small online magazine to include their own essays, fiction and poetry.

Cindy Nichols, senior English lecturer, says that she hopes the magazine will grow into an outreach resource, which would promote English studies across the state and would be easily accessed by parents, alumni, other universities and the country. Nichols initiated the program with the assistance of English faculty, lecturers and graduate students.

Graduation from Governor's School provides students with a head start in future studies and is a considerable plus on any application to college.

Contact cindy.nichols@ndsu.edu or lonnie.hass@ndsu.edu for more information.

NDSU Bookstore is expanding

The NDSU Bookstore will open a second location at Richard H. Barry Hall in August. It will sell textbooks, supplies, electronics, NDSU clothing, gifts and greeting cards.

The second location will serve the business and agribusiness and applied economics departments. NDSU department staff can charge items to IDBs or students can use their Bison Card.

Kelly Mertz will lead the NDSU Bookstore team at this location. She has worked two years at the customer service desk in the NDSU Bookstore in the Memorial Union.

NDSU athletics on Facebook, Twitter and YouTube

The NDSU athletic department has joined the social networking world and launched official pages on Twitter, Facebook and YouTube, which will enable fans to stay up-to-date with information on all 16 Bison sports as well as ticketing information, promotions and more.

By becoming a fan of NDSU Athletics on Facebook and Twitter, fans can access score recaps, in-game updates, special announcements and promotions. Facebook allows fans the opportunity for social networking as well as highlighting upcoming events and athletic accomplishments.

Twitter allows fans to receive up-to-the-minute score updates and news about their favorite teams and coaches. Fans will receive "tweets" to their computer or their mobile device.

The YouTube channel allows fans to watch videos and see pictures showcasing Bison pride. Viewers also can submit their own videos for the channel. Fans can submit videos to NDSU.BeHerd@ndsu.edu.

Facebook: www.facebook.com/NDBison

YouTube: www.youtube.com/NDSUbeherd

Twitter:

NDSUAthletics – Your source for all Bison, all the time
 Bisonwbb – Follow the NDSU women's basketball team
 SaulPhillips – Head men's basketball coach
 CraigBohl – Head football coach
 NDSUsoccer – Follow the Bison soccer team

NDSU Transportation Institute sponsors national conference

The Upper Great Plains Transportation Institute at NDSU, through its involvement in the Mountain-Plains Consortium, sponsored a two-day workshop to bring together industry, government and academic leaders to address transportation policy and regulation. Beyond the Crossroads: A National Discourse on Transportation Policy and Regulation was held May 27-28 at the University of Denver.

"The workshop brought together bipartisan leaders from the political arena, professionals from various sectors of the economy and various modes of transportation, as well as academic specialists with expertise in various disciplines to address policy challenges facing the nation's transportation system," noted Denver Tolliver, associate director of the Upper Great Plains Transportation Institute and director of the Mountain-Plains Consortium. The Mountain-Plains Consortium is a multi-state research center funded by the U.S. Department of Transportation's University Transportation Centers program. NDSU, through the Upper Great Plains Transportation Institute, is the lead institution in the effort that also includes Colorado State University, South Dakota State University, the University of Utah and the University of Wyoming

"This is an ideal time for us to examine policy and regulatory issues related to transportation," Tolliver said. "A number of factors are coming together to focus attention on transportation in this country in an unprecedented way." He noted the largest transportation

spending bill in the history of the United States is being debated by Congress, significant regulatory changes are under consideration, transportation infrastructure in many areas of the country is nearing capacity, congestion costs taxpayers more than \$200 billion a year, freight rail volume is expected to double by 2035 and the U.S. population is expected to increase by 50 percent by 2050.

Published proceedings from the conference will serve as a guidebook for agency heads, political leaders and researchers who want to address transportation regulatory issues in this new environment.

In addition to the Mountain-Plains Consortium, other sponsors included the National Center for Intermodal Transportation, the Intermodal Transportation Institute at the University of Denver, the Rahall Institute, the Mineta Transportation Institute and the Colorado Transportation and Logistics Organizations (including the Rocky Mountain Roundtable of Council of Supply Chain Management Professionals, the Colorado Chapter of the Women's Transportation Seminar and the Denver Transportation Club).

NDSU course helps Pakistani feed makers improve productivity

A group of top poultry and dairy feed producers from Pakistan came to Fargo to attend the Dairy Feed Manufacturing Technology Short Course at the Northern Crops Institute on June 8-12. "This team is here to learn more about the manufacturing of pelleted dairy feed using U.S. hi-pro soybean meal and the quality of dehulled soybean meal, and to participate in field trips to learn about the dairy technology and practices," says R. Shahnawaz Janjua, technical director for the U.S. Soybean Export Council, Pakistan.

"Productivity per unit animal in Pakistan is low, due mainly to poor and inadequate nutrition and other challenges. Pakistan is the fifth most populous country with more than 171 million people. Milk is the most important livestock product in the country and its value exceeds the combined value of wheat, rice, maize and sugarcane," Janjua said.

The U.S. Soybean Export Council and the American Soybean Association are sponsors of the group. The North Dakota Soybean Council hosted the team at a dinner where council board members learned more about the market potential in Pakistan and India.

The team toured the South Dakota State University Dairy Unit and Processing Center, where they learned more about dairy feed production. Tours of several dairy farms and processing centers included the South Dakota Soy Processors, Volga, S.D., hosted by general manager Rodney Christianson; Qual Dairy, Lisbon, N.D.; and Five Star Dairy, Milnor, N.D.

Kim Koch, manager of Northern Crops Institute's Feed Production Center, was the course coordinator and a lecturer in the course. Additional speakers in the course included Greg Lardy, J.W. Schroeder and Todd Molden, all from the NDSU animal sciences department; and Ramesh Thaper, consultant for the American Soybean Association/U.S. Soybean Export Council, India, also escorted the team.

New Web hosting service available at NDSU

Since July 1, NDSU faculty, staff and departments have a new option for putting Web content online. The new PubWeb service provides an option for hosting basic and enhanced Web sites. The service will replace the "WebDev" system, which will continue to function at least through June 2010.

There is no charge for a basic PubWeb site, which includes 50 megabytes of storage. However, additional storage space for Web content will cost \$2.10 per gigabyte per year. Current WebDev users may have their existing Web address transferred to PubWeb when they switch to the new Web system.

The NDSU Enterprise Computing and Infrastructure – the department in the Information Technology Division that handles networking, servers and online services – developed the PubWeb service, which will supplement the TYPO3 content-management system that is used by departments across campus.

The basic hosting plan for PubWeb is available to departments, faculty, staff and students (with a faculty sponsor) at no charge and allows sites to be created using HTML, PHP, Perl and JavaScript technologies. An enhanced hosting option also is available for \$150 per year that will include access by multiple authors as well as use of the MySQL database system.

To learn more about the new service, sign up for an account, or to download the Hosting Agreement and Terms of Service, visit www.ndsu.edu/eci/publicwebhosting.

NDSU and MeritCare Respiratory Care program to be honored

The Committee on Accreditation for Respiratory Care will recognize the NDSU and MeritCare Respiratory Care program for Excellence in Education during the American Association for Respiratory Care Summer Forum in July at Marco Island, Fla.

In selecting programs for this recognition, the Committee on Accreditation for Respiratory Care used objective criteria based on key accreditation outcomes, including 90 percent or higher registry credentialing success for the most recent three-year graduate cohort as documented in the 2008 annual report and meeting or exceeding thresholds for certified respiratory therapist credentialing success, attrition and job placement.

For more information, contact Polly Olson at polly.olson@ndsu.edu or 1-8133.

DIVERSITY

Gender equity research grant information session planned

An information session about the Climate and Gender Equity Research Grant program and the next round of proposal submissions is set for Monday, Aug. 24, at 10 a.m. in the Memorial Union Room of Nations.

The date for submitting proposals for the next round of Climate and Gender Equity Research program is Sept. 18. The call for proposals, the application cover page, the Climate and Gender Equity Research Grant Review form and a link to the NDSU budget form are available at www.ndsu.edu/forward.

Contact Canan Bilen-Green at canan.bilen.green@ndsu.edu or 1-7040 or Elizabeth Birmingham at elizabeth.birmingham@ndsu.edu or 1-6587 for more information about the Climate and Gender Equity Research Grants.

Regional Diversity Conference planned for Aug. 11

The 2009 Regional Diversity Conference is set for Tuesday, Aug. 11, from 8 a.m. to 5 p.m. at the Memorial Union. This year's theme is "Building and Managing Diversity."

The presentations include "Valuing Diversity to Lead," "The Effective Diversity Respondent," "The Latino Educational Experience," "Organizational Assessment Parts 1 and 2," "Cultural Competency in Healthcare," "Building Trust and Relationships Across Four Generations" and "Building Employee Commitment."

Presenters include Tamara Anderson, Dale Carnegie Training; Yoke Sim Gunaratne, executive director of Cultural Diversity Resources; Abner Arauza, director of Minnesota State University Moorhead's Multicultural Student Affairs; Young Chung-Hall, certified diversity professional from Other-Wise Solutions; Pierre Atillo-Ekwa, program coordinator at Cultural Diversity Resources; Kara Jorvig, Preference Personnel; and Jill Berg, Spherion.

The cost includes lunch and is \$89 for the general public, \$75 for Fargo-Moorhead Human Resources Members, \$40 for students or \$25 for students attending who don't plan to eat lunch. To register, go to www.culturaldiversityresources.org.

For more information, contact Donna Wood from Cultural Diversity Resources at (701) 526-3000, extension 202.

RESEARCH

Akyüz publishes paper in Journal of Service Climatology



Akyüz

Adnan Akyüz, assistant professor of climatology and state climatologist, published a paper, titled "NWS Frost Depth Observation with Liquid-In Probes Performance: Two-Year Review," in the Journal of Service Climatology.

Akyüz worked with Mark Ewens, data acquisition program manager at the Grand Forks National Weather Service office; and Barbara Mullins and Radu Carcoana of the North Dakota Agricultural Weather Network Center.

The paper compares the soil temperature data taken by the liquid-in-soil temperature probe and the soil temperature profiler of the North Dakota Agricultural Weather Network Center station in Fargo.

Akyüz was asked to evaluate the performance of the probe, a new technology developed by the National Weather Service. The results will guide the decisions of the National Weather Service to utilize the technology nationwide.

The article is available at www.journalofserviceclimatology.org/articles/2008/Akyuz.B.08-revised.pdf.

Zhang receives award from Institute of Food Technologists



Zhang

Yu Zhang, graduate student in the cereal science program and graduate research assistant in the plant sciences department, received third place in the 2009 Institute of Food Technologists Carbohydrate Division Paper Competition held during the organization's annual meeting in Anaheim, Calif. Her presentation was titled "Changes of Polysaccharides in Refrigerated Dough System During Storage."

Zhang also received a Minnesota Division Graduate Scholarship and a Carbohydrate Division Graduate Scholarship (second place) from the Institute of Food Technologists. Her adviser is Senay Simsek, assistant professor of plant sciences. Zhang and Simsek collaborated with Osvaldo Campanella from Purdue University for this research.

The Institute of Food Technologists is a nonprofit international society with more than 20,000 members. The annual meeting and food expo is the largest annual food science forum and exposition in the world. More than 20,000 food scientists, suppliers and marketers from around the globe annually join news reporters at the convention, attracted by the promise of encountering the driving forces behind the innovations and information affecting consumers, growers, processors, regulators and researchers who make the U.S. food supply diverse.

Biberdorf participates in dietary supplement research



Biberdorf

Robert Biberdorf, assistant professor of pharmacy practice and executive partner for MeritCare Pharmacy Services, joined more than 80 other professors and graduate students from universities throughout the U.S. and around the world to participate in the National Institutes of Health Office of Dietary Supplements course, "Dietary Supplement Research Practicum 2009." The

practicum was held on the National Institutes of Health campus in Bethesda, Md., June 1-5.

The Office of Dietary Supplements offers this annual intensive course to provide essential knowledge of dietary supplements to academic faculty and their doctoral or postdoctoral students with a serious interest in the subject. Experts from the National Institutes of Health, academic institutions and federal regulatory agencies such as the U.S. Food and Drug Administration served as speakers.

On June 3, participants spent the day in Washington, D.C., meeting with representatives from the U.S. Congress, the dietary supplement industry, media and consumer advocacy groups that study, advocate, regulate or educate about dietary supplements.

The Office of Dietary Supplements practicum provides a thorough overview of issues, concepts, unknowns and controversies about dietary supplements and supplement ingredients. It also emphasizes the importance of scientific investigations to evaluate the efficacy, safety and value of these products for health promotion and disease prevention and treatment, as well as how to carry out this type of research.

Hodge attends national mathematics workshop



Hodge

Angie Hodge, assistant professor of mathematics, received funding from the Mathematical Sciences Research Institute to attend a workshop titled "Critical Issues in Education: Teaching Undergraduates Mathematics." A mathematics educator and researcher, Hodge was able to provide a unique perspective to the discussion.

Held at the institute May 11-13 in Berkeley, Calif., the workshop showcased courses, programs and materials with the goal of increasing students' knowledge of mathematics.

The audience for the workshop included mathematicians, mathematics educators, classroom teachers and education researchers who were concerned with improving the teaching and learning of mathematics in undergraduate classrooms.

Welch presents at National Science Teachers Association



Welch

Anita Welch, assistant professor in the School of Education, gave a presentation on students' attitudes toward science, technology, engineering and mathematics (STEM) fields at the National Science Teachers Association national convention in New Orleans.

Titled "FIRST: Changing Attitudes ... Changing the Future," Welch's study examined the impact of the participation in the FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition on high school students' attitudes toward science.

According to Welch's findings, the FIRST Robotics Competition provided significant outcomes in four of the seven primary areas examined, including social implication of science, normality of scientists, attitude to scientific inquiry and adoption of scientific attitudes. "The study does offer some evidence that the FIRST Robotics Competition has an attitudinal impact on students' views toward science," Welch said. "The most interesting finding is that the program seems to have the greatest impact with 'at-risk' youth and makes a significant difference in how they 'see' scientists and engineers as real people."

FIRST is a multinational non-profit organization founded by Dean Kamen, whose goal is to transform culture by making science, mathematics, engineering and technology as exciting for students as other team sports. Using a competition in which students design and build robots in a six-week period, then compete in regional events, FIRST attempts to make STEM activities exciting and rewarding, thus leading the students toward careers in STEM-related fields.

Littlefield publishes emergency management article



Littlefield

Robert Littlefield, professor of communication; Shari Veil, a former doctoral student who is now teaching at the University of Oklahoma; and Katherine Rowan, a professor at George Mason University, have had an article accepted for publication in the journal, *Public Relations Review*.

Titled "Dissemination as Success: Local Emergency Management Communication Practices," the article argues that most local emergency managers determine communication effectiveness by recording the dissemination of their crisis preparation information to the public, rather than by measuring the implementation of strategies taken by the public to prepare for the crisis. Local emergency managers are encouraged to develop strategies to increase the public's self-efficacy.

Emergency management faculty publish chapters



Youngs

Three emergency management faculty have written chapters for a book published by the Public Entity Risk Institute in Fairfax, Va. The book, which is titled "Ideas From An Emerging Field: Teaching Emergency Management in Higher Education," includes chapters by George A. Youngs, Daniel J. Klenow and Carol Cwiak.



Klenow

Youngs' article, "Constructing Theory for Emergency Managers: A Principles-Based Approach," provides an analysis of the nationally and internationally adopted principles of emergency management and places them within the framework of social exchange theory which will facilitate research on the principles.



Cwiak

Klenow's article, "Concepts, Frameworks and Theory: Perspectives on the Emergence of Emergency Management Theory," presents a definition of emergency management theory and establishes a framework for that emerging substantive area. He also outlines impediments to the development of theory and directions for theoretical advancement and research in the field.

Cwiak's article, "Strengthening the Emergency Management Higher Education Community: Addressing the Challenges Inherent in Internal and External Validity," is co-written with Stacy Muffet-Willett from the University of Akron. It reviews challenges facing the emerging field of emergency management and provides directions for meeting those challenges. They also discuss issues of accreditation of emergency management programs.

Maylath publishes article and book chapters



Maylath

Bruce Maylath, professor of English, has published two chapters in the book, "Designing Globally Networked Learning Environments," and an article in the journal, *Programmatic Perspectives*.

The book's fourth chapter, "Growing Grassroots Partnerships: Trans-Atlantic Collaboration between American Instructors and Students of Technical Writing and European Instructors and Students of Translation," is written by Maylath, Birthe Moustén of Aarhus University in Denmark and Sonia Vandepitte of University College Ghent in Belgium. They describe not only the operations of the collaborative projects that they conduct with their own linked classes, but also those with universities in Austria, France and Italy.

In the book's ninth chapter, "Intercultural Collaboration in the Trans-Atlantic Project: Pedagogical Theories and Practices in Teaching Procedural Instructions Across Cultural Contexts," Maylath, Moustén and Vandepitte provide the theoretical underpinnings that promote learning among their students when linked in documentation projects.

Programmatic Perspectives is the official, refereed journal of the Council for Programs in Technical and Scientific Communication (CPTSC). For its March 2009 issue, Maylath and Jeff Grabill of Michigan State University wrote "CPTSC at 35 Years: A Sequel and Perspective." Maylath and Grabill served as the council's 13th and 14th presidents, respectively.

Chen awarded funding for coating materials research



Chen

Zhigang Chen, research scientist in NDSU's Center for Nanoscale Science and Engineering, received a grant for \$98,210 from the United Soybean Board. His research focuses on producing high biorenewable content and high performance ultraviolet curable coating materials.

The combination of chemically modified soybean oil with solventless ultraviolet curing technology provides a green solution to stricter environmental regulations facing the coatings and composite industry. Chen will research various formulation and synthesis approaches to enhance soy-based ultraviolet curable coating materials with high efficiency toughening chemicals, and ultraviolet reactive chemicals derived from low-cost natural resources. High biorenewable content coating materials with higher performance suitable for industrial applications are expected to be produced.

Chen earned a doctorate from NDSU's Department of Coatings and Polymeric Materials. Additional research includes work as co-principal investigator to develop novel soy-based ultraviolet curable thiol-ene coatings and thiol-urethane coatings. The research is funded by the North Dakota Soybean Council.

O'Connor publishes article



O'Connor

Amy O'Connor, assistant professor of communication, and former faculty member Michelle Shumate, now an assistant professor at the University of Illinois, have written a manuscript titled "Corporate Reporting of Cross-Sector Alliances: The Portfolio of NGO Partners Communicated on Corporate Web Sites." The article has been accepted for publication in the journal *Communication Monographs*.

The research tests two propositions of O'Connor and Shumate's Symbiotic Sustainability Model concerning the number and type of non-government organization alliances likely to be communicated by corporations. The work demonstrates that most corporations only communicate alliances with a few non-government organizations and with one non-government organization in an issue industry.

According to the researchers, the results suggest that corporations in the same economic industry are likely to communicate alliances with different non-government organizations in the same issue industries.

PEOPLE

Wolf-Hall named assistant dean



Wolf-Hall

Charlene Wolf-Hall has been named assistant dean of the NDSU College of Graduate and Interdisciplinary Studies.

Wolf-Hall will be responsible for providing leadership for the college in promoting quality graduate education, developing orientation, workshops and other support services for graduate students and faculty; leading the college's curriculum committee; and for serving on the University Academic Affairs Committee. In addition to her new position, Wolf-Hall will continue in her faculty role as an associate professor, teaching and conducting research in the Great Plains Institute of Food Safety.

Wolf-Hall was previously the associate director of the Great Plains Institute of Food Safety at NDSU. She also was an associate professor and food microbiologist in the Department of Veterinary and Microbiological Sciences.

Wolf-Hall earned her doctorate in food science and technology with an emphasis in food microbiology and food toxicology from the University of Nebraska, Lincoln, and master of science and bachelor of science degrees in microbiology from South Dakota State University, Brookings.

She was president-elect of Gamma Sigma Delta International, the 2005 Featured NDSU Woman, and part of the FORWARD Committee that received the 2009 ACE Network Award for the Advancement of Women in Higher Education, and received the 2008 NDSU President's Diversity Council Impact Award.

Reed named assistant dean



Reed

Wendy Reed has been named assistant dean in the College of Science and Mathematics. The main goal of her position is to conduct a teaching program for new faculty.

Reed joined NDSU in 2002. She is a member of the executive committee for FORWARD (Focus on Resources for Women's Advancement, Recruitment/Retention and Development), the steering committee for environmental and conservation sciences, the Commission on the Status for Women Faculty and the Strategic Planning Leadership Team for the College of Science and Mathematics.

Dean Kevin McCaul made the appointment this spring. "I'm delighted that Wendy is willing to take on this role. She is a terrific teacher and scholar and she is a perfect choice to mentor newer faculty in the college," McCaul said.

Reed's area of research is physiological ecology. She is interested in understanding how mothers affect the health and growth of their young through nutritional and hormone investments made during development. She studies these maternal effects in birds and bird eggs.

Pederson named director



Pederson

Larry R. Pederson has been named director of the Center for Nanoscale Science and Engineering (CNSE) at NDSU.

He most recently held the position of laboratory fellow, the highest of six scientific grades in the Energy and Environment Directorate at Pacific Northwest National Laboratory in Richland, Wash. His responsibilities included the management of the High Temperature Electrochemistry Center/Solid State Energy Conversion Alliance Coal-Based Systems Core Research program, in collaboration with Montana State University and the University of Florida. He also is past director of the Materials Department at the Pacific Northwest National Laboratory.

The focus of Pederson's most recent research includes materials development for electrochemical applications including solid oxide fuel cells, electrochemical sensors and lithium batteries. Such research is relevant for NDSU CNSE's core competencies in materials development for electronics and energy conversion applications.

"CNSE continues to build upon its national and international reputation for research in microelectronics, coatings, nanotechnology, robotics and other areas," said NDSU President Joseph A. Chapman. "Dr. Pederson brings a wealth of scientific knowledge and experience to lead CNSE into its next phase of development."

"I find the technical breadth and quality of research and development activities being conducted at CNSE to be truly impressive. I look forward to working with the talented staff and faculty of CNSE to identify technical thrusts, procure funding, establish strategic partnerships and build upon the opportunity to attract outstanding researchers and students while expanding research facilities and capabilities," said Pederson.

Through the course of his distinguished career in scientific research, Pederson has secured significant research funding from both government and private sectors, including \$28 million for the High Temperature Electrochemistry Center at the Pacific Northwest National Laboratory since 2002. Other significant research efforts directed by Pederson include solid oxide fuel cell degradation studies, automotive nitrogen oxide sensor development, lithium ion battery development, microchannel multi-fuel steam reformer development, fuel cell materials development, Nafion-based gas sensors, adhesive bond failure, advanced electronic materials for energy conversion applications and safety issues relevant to radioactive and chemical tank wastes.

Pederson earned his doctorate in chemistry from the University of Wisconsin-Milwaukee with a minor in physics and bachelor's degree in chemistry from Bemidji State University, Bemidji, Minn. He has served as research adviser for 15 master's and doctoral students in Missouri, Illinois and Washington. He also taught graduate and undergraduate classes in materials science while serving as an adjunct professor at Washington State University.

Vondall-Rieke named program coordinator



Vondall-Rieke

Monique Vondall-Rieke has been appointed to the new position of program coordinator in the Office of Multicultural Student Services. She will assist in the areas of retention of students, faculty and staff at NDSU; assessment of department activities and goal attainment; and promoting department programs and resources.

She is a member of the Turtle Mountain Band of Chippewa and lives in Fargo. Vondall-Rieke earned a bachelor's degree in English and a Juris Doctor from the University of North Dakota School of Law.

For more than 20 years, she has worked with American Indian tribes, serving as tribal attorney and an appellate justice in a tribal court. She also has experience in higher education program management, teaching at the college level, student advising and counseling.

Meister, Rupiper Taggart to lead University Senate



Meister

Outgoing University Senate president Dogan Comez, professor of mathematics, passed the gavel to incoming president Mark Meister, associate professor of communication, during the group's May 11 meeting.

"My goal as president of the University Senate is to further promote the legitimacy and significance of the university faculty," said Meister, who will hold the office until May 2010. "I will work closely with administrators and officials to represent faculty concerns."



Rupiper Taggart

Meister earned a bachelor's degree in speech communication and environmental studies from Carroll College, Helena, Mont., master's degree in speech communication from NDSU and doctorate in communication studies from the University of Nebraska.

Amy Rupiper Taggart, assistant professor of English, was elected University Senate president-elect. She will serve as president during the 2010-11 academic year.

Rupiper Taggart, who joined NDSU in 2002, earned a bachelor's degree in English and German from the University of St. Thomas in St. Paul, Minn., and doctorate in English from Texas Christian University in Fort Worth, Texas.

She is a board member of the Reflections journal, and a member of the Vertical Writing Curriculum Committee and First-year English Committee. She also is board vice president of the March of Dimes in Fargo.

Herrera named multimedia specialist



Herrera

NDSU Distance and Continuing Education has hired Ludvik Herrera as multimedia specialist. Herrera has 15 years experience in visual design and new media. As part of the Distance and Continuing Education design team, Herrera will assist instructors in development of new media that enhances the online classroom experience. He previously worked for Publication Services of America Inc. as director of new media.

NDSU Distance and Continuing Education offers graduate and undergraduate online degrees and classes, non-credit and continuing education unit opportunities, conference planning services and professional development course work for educators. Contact Distance and Continuing Education at 1-7015 or 1-800-726-1724 or go to www.ndsu.edu/dce for more information.

NDSU names Matt Johnson head women's golf coach



Johnson

NDSU has named Matt Johnson head women's golf coach. NDSU women's athletic director Lynn Dorn made the announcement June 17.

Johnson, owner of The Sports Bubble in Fargo since 2004, is the sixth coach in the program's history. He replaces Lisa Schwinden, head professional at Osgood Golf Course in Fargo, who coached the Bison for two seasons.

A teaching professional since 1995, Johnson was the NDSU head men's golf coach for three seasons from 2001 to 2004. Under his direction, the Bison qualified for the NCAA tournament for the first time in 13 years in 2004.

Johnson graduated from Valley City State University in 1994 with a bachelor's degree in business administration. He was a three-time all-conference and all-district performer for VCSU and was a National Association of Intercollegiate Athletics All-America Scholar Athlete in 1994.

Swanson joins Ag Communication



Swanson

Scott Swanson has joined Ag Communication as an electronic media specialist. He will provide video, audio, Web conferencing, videoconferencing and other educational technologies primarily for faculty and staff in NDSU Agriculture and University Extension and other NDSU clients.

Swanson earned a bachelor's degree in mass communications from Minnesota State University Moorhead. He previously was a reporter and photographer for Valley News Live and an anchor and reporter for KVRN Fox-TV, both in Fargo.

Swanson, his wife, Alicia, and their two children, Lucie, 3, and Samuel, 1, live in Fargo.

Wald receives excellence award



Wald

Bonnie Neas, vice president for information technology, presented the first annual divisional Award for Innovation, Collaboration and Excellence to Randy Wald, instructional services consultant, on May 21.

Wald was nominated for his creativity in producing "Bb Buzz," a series of video training episodes for Blackboard users. The video clips are produced bi-weekly to help instructors learn about the basics and new features of Blackboard. Each clip features Wald and Tammy Cummings, who work together to produce a professional quality product.

"Great care goes into each 'Bb Buzz,' including research, writing the script, recording the screen shots, synchronizing the audio with the video and publishing the product in a usable format. "The short-and-to-the-point format is perfect for our busy faculty who need to know things quickly and just in time for when they need it," said Nancy Lilleberg, information technology instructional services manager, who nominated Wald.

Two join Memorial Union staff



Barstad

Courtney Barstad has joined NDSU as coordinator of Greek Life. She is responsible for providing leadership opportunities and advising students involved in fraternities and sororities. Barstad has been the interim Greek Life coordinator since October 2008. She previously was director of programs for a speaker's agency and Greek Life adviser at the University of North Dakota. She earned her bachelor's and master's degrees in educational leadership from the University of North Dakota.



Skoy

Matthew Skoy has joined NDSU as assistant director for Service Learning and Civic Engagement. He is responsible for partnering with faculty to develop service learning curriculum and community partnerships, and overseeing the Volunteer Network and civic engagement programming. Skoy earned a bachelor's degree from NDSU and a master's degree in higher education from Iowa State University where he also was an academic adviser in the athletic department.

NDSU rider places fifth

Janelle Lanoue, a member of NDSU's horse show team, finished fifth in the advanced division of the Intercollegiate Horse Show Association's national competition in Murfreesboro, Tenn.

"Janelle did a great job representing NDSU," says Tara Swanson, NDSU's Intercollegiate Horse Show Association coach. "Only 12 people from each division qualify for nationals, so making it to that level is a huge accomplishment."

The competition was held at Middle Tennessee State University on April 24-26.

EVENTS

BBQ Boot Camps set

NDSU meat science faculty are partnering with food science faculty and the NDSU Extension Service to offer several "BBQ Boot Camps" throughout the state this summer.

BBQ Boot Camp introduces people to new cooking methods and practices. The program also will cover topics such as meat cut selection, methods and theories of cooking, food safety and variations in barbecuing practices, such as using rubs, marinades and seasonings. Participants also will receive information on current topics in the pork, beef and lamb industries, including research, teaching and Extension activities at NDSU.

Meat cut selection will emphasize value cuts, which are considered excellent for barbecuing if people use proper cooking methods. Meat selection education also will include information on typical retail cuts.

Food safety education will cover pre-cooking, cooking and post-cooking issues such as proper cooking temperatures and the use of a meat thermometer. Instructors also will analyze the differences among smoking, gas and charcoal cooking methods and help participants understand how the compositional differences in meat animal species, cooking temperatures and humidity affect the success of barbecuing.

The dates and locations of the camps and the Extension agent to contact are:

- July 16: Beulah, Craig Askim, (701) 873-5195
- July 23: Williston, Mary Froelich, (701) 577-4595
- July 31: Jamestown, Eunice Sahr, (701) 252-9030
- Aug. 4: Bismarck, Cathy Palczewski, (701) 221-6865
- Aug. 6: Dickinson, Kurt Froelich, (701) 456-7665
- Aug. 10: Cando, Crystal Martodam, (701) 968-4362
- Aug. 12: Pembina County (location to be announced), Helen Volk-Schill, (701) 265-8411

Each camp will run from 5 p.m. to about 8:30 p.m. The cost is \$30 per person. Participation will be limited to 60 people at each camp. For more information or to register for a camp, call the contact person for the camp you'd like to attend.

The North Dakota Pork Producers Council, North Dakota Lamb and Wool Producers Association, North Dakota Beef Commission, Northern Plains Distributing Inc. and Cloverdale Foods are helping to sponsor the camps.

Oral history project organizers to conduct public forums

Organizers of the Dakota Memories Oral History Project will travel to Richardton, N.D., and Napoleon, N.D., to conduct two public forums that will address the results of new research conducted in those areas. The Richardton event is set for Monday, Aug. 10, from 5 p.m. to 7 p.m. at Sacred Heart Monastery. The Napoleon event is set for Tuesday, Aug. 11, from 5 p.m. to 7 p.m. at the Downtowner Bar and Steak House.

Jessica Clark, project coordinator and recipient of the Germans from Russia History Doctoral Fellowship, will deliver a presentation on the creation, purpose, framework and importance of the Dakota Memories Oral History Project.

Andrea Mott, 2009 Dakota Memories Oral History project interviewer, will deliver a presentation about her experiences in the communities of Napoleon and Richardton. "This includes interviewing segments, humorous stories and digital and scanned photographs that focus on narrators as well as the local area," Mott said. "I will conclude the forum by talking about what I have learned from the Dakota Memories Oral History Project."

Public interest in documenting and preserving German-Russian ethnic identity inspired the launch of the oral history project in 2005. Since then, organizers have been traveling the Northern Plains, gathering stories and documenting family relationships and childhood memories of second and third generation Germans from Russia. Michael Miller is director of the Germans from Russia Heritage Collection and the project.

The forum is sponsored by the Dakota Memories Oral History Project, Germans from Russia Heritage Collection, NDSU Libraries, NDSU Extension Service and NDSU Center for Community Vitality. Coffee and cookies will be provided. The event is free and open to the public.

The Dakota Memories Oral History Project is a privately funded project sponsored by the Germans from Russia Heritage Collection at the NDSU Libraries. For more information on the collection or the project, call 1-6596 or go to www.ndsu.edu/grhc/dakotamemories.

NDSU offers new mental health and aging training

NDSU Distance and Continuing Education and the NDSU Department of Child Development and Family Science have initiated a new statewide training program for professionals addressing aging and mental health. The Mental Health and Aging Program is an online, self-paced program composed of six training modules developed by the NDSU Gerontology Program.

The program offers the following six modules:

- Overview of Aging and Mental Health
- Assessment and Diagnosis
- Changes to the Aging Brain and the Impact on Mental Health
- Psychosocial Treatment of Mental Disorders in Older Adults
- Wellness and Prevention
- Resources and Referrals for Older Clients

The Mental Health and Aging Program was made possible by a grant from the North Dakota Department of Human Services. The program is approved for 13 continuing education contact hours (1.3 Continuing Education Units) and costs \$25 per participant.

Participants can register online at www.ndsu.edu/dce (Non-Credit Activity: Conferences/Events/ Workshops). For more information, contact Distance and Continuing Education at 1-7015, toll-free 1-800-726-1724 or visit www.ndsu.edu/dce.

Field day scheduled at Oakes Irrigation Research Site

The NDSU Oakes Irrigation Research Site will hold its annual field day July 28. Refreshments and rolls will be served starting at 9 a.m., with the tour beginning at 9:30 a.m.

Juan Osorno, NDSU dry bean breeder, will discuss dry bean varieties and production. Susie Thompson, NDSU potato breeder, and Nick David, NDSU Extension potato specialist, will address irrigated potato variety studies.

The tour will stop at a site of a sugar beet variety trial where 16 glyphosate-tolerant varieties are being tested. The trial is a part of the Non-food Sugar Beet to Advanced Biofuels project. The goal of the project is to develop several processing plants throughout North

Dakota to process nonfood sugar beet feed stock into advanced biofuels. Representatives from cooperating agencies will discuss the feasibility and economic impact of this project on North Dakota.

Jim Loken, NDSU graduate research assistant, will discuss weed control studies on onions. No-tilled corn rotations utilizing strip till will be discussed by Walt Albus, Oakes Irrigation Research Site supervisor.

Ted Helms, NDSU soybean breeder, will lead a discussion on his work with natto and toffu soybean varieties. Ezra Aberle, Carrington Research Extension Center agronomist, will discuss the work at Carrington and Oakes to provide data on the optimum amount for corn stalk removal for biofuels manufacturing.

The NDSU Oakes Irrigation Research Center is 4.5 miles south of Oakes on North Dakota Highway 1.

SHORTS & REMINDERS

Positions Available

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

P.M. Retail Supervisor/#00020454

Dining Services
Monday to Friday, 1 p.m. to 9:30 p.m.
weekends as needed
\$10+/hour
July 21

Help Desk Consultant/#00019667

Information Technology Services
\$36,000+/year
July 23

Desktop Support Specialist/#00020009

Information Technology Services
\$36,000+/year
July 23

Food Technologist/#00018693

Plant Sciences
\$28,000+/year
July 27

Policy Updates

The following policies have recently been added or revised. To see the complete policy, go to www.ndsu.nodak.edu/policy.

Policy 100: Equal Opportunity and Non-Discrimination Policy

This policy has been changed to add to and modify the listed protected groups.

Policy 112: Pre-Employment and Current Employee Criminal Record Disclosure

This policy was changed due to the People Admin system. The information is still obtained, but a form is no longer required, and the policy has been changed to reflect how this is done now. Language also has been added to implement procedures based on the State Board of Higher Education's passing of Policy 602.3: Job Applicant/Employee Criminal History Background Checks.

Policy 332: Assessment of Courses and Instructions

These changes are intended to clarify that all classes are to be evaluated, encourage instructors to use electronic evaluation process and students should be returning the evaluations.

Policy 607: Admissions and Re-enrollment Safety Risks; Background Checks

Language was added to implement NDUS Policy 511 and corresponding Procedure 511 for student criminal history background checks. Section 1 was updated and renumbered. All language starting in Section 2 is new to Policy 607.

University Relations
North Dakota State University
NDSU Dept 6020, PO Box 6050
Fargo, ND 58108-6050

CALENDAR

AUGUST

3 Office of Orientation and Student Success – First-year, family and transfer orientation day

4 Office of Orientation and Student Success – First-year, family and transfer orientation day

17 Regular hours resume

24 Office of Orientation and Student Success – First-year, family and transfer orientation day

24 Classes begin at 4 p.m.

SEPTEMBER

7 Labor Day holiday observed – university closed

NEXT ISSUE Publication date: Wednesday, Aug. 26 | Submissions due: noon Aug. 20

SEND SUBMISSIONS TO THE EDITOR Sadie Anderson | ndsu.itshappening@ndsu.edu
Library 16, NDSU Dept 6020, PO Box 6050, Fargo, NDSU 58108-6050 | Voice: 231-8326 | Fax: 231-8969

SEND CHANGE OF ADDRESS REQUESTS FOR IT'S HAPPENING AT STATE | char.goodyear@ndsu.edu

NDSU

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