

NDSU

VOLUME 5 ISSUE 1

IT'S HAPPENING AT STATE

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Firm confirms NDSU is one of ND's largest economic contributors

Extensive external analysis shows NDSU is a major economic engine for the region and that graduates enjoy a substantial return on their educational investments at NDSU.

According to the study, conducted by Economic Modeling Specialists International of Moscow, Idaho, NDSU has an \$884 million economic impact annually, which is equivalent to about 1.9 percent of the regional economy.

The economic effects are the result of:

- NDSU operations. Through salary, operating and capital expenditures, NDSU contributes about \$201.2 million to the region's economy each year. Of that, approximately \$74.8 million come from NDSU research activities.
- Student and visitor spending. Students from outside the region spend about \$25.1 million on housing, transportation, entertainment and personal expenses. NDSU also draws more than 354,400 visitors each year who spend money on lodging, food and other items. The study estimates visitors add about \$2.9 million to the region's economy.

- Former students. As a skilled workforce with higher incomes, former students add \$655.4 million to the region's economy. The study showed the average income of someone with an NDSU bachelor's degree is \$58,200, compared with \$30,000 for someone with a high school diploma. The higher earnings and associated increases in state income expand the tax base in North Dakota by about \$83.6 million each year.
- NDSU graduates have a 14.4 percent average rate of return on their NDSU educational investments. A graduate recovers all costs, including tuition, fees and forgone wages in an average of 10.6 years. During the course of his or her career, the average NDSU student's inflation-adjusted lifetime income increases by \$5.23 for every \$1 invested in his or her NDSU education.

Read more about NDSU's economic impact at www.ndsu.edu/legislators/economic_impact.

NDSU website provides information to legislators

NDSU has developed a website (www.ndsu.edu/legislators) to supply important information to members of the North Dakota Legislature. The state's 63rd Legislative Assembly convened at the capitol in Bismarck Jan. 8.

Included on the website is a recent study by Economic Modeling Specialists International of Moscow, Idaho. The independent report says NDSU has an \$884 million economic impact annually, which is about 1.9 percent of the regional economy.

In addition, maps illustrate the reach of NDSU through the distribution of NDSU alumni and student populations across the state, the number and location of county Extension offices and Agriculture Experiment Stations facilities, locations of telepharmacy participants and offices of Extension specialists.

NDSU www.ndsu.edu/ihas

News and events

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

Deadline set for Jan. 31 It's Happening at State

The next electronic issue of It's Happening at State will be posted Jan. 31 at www.ndsu.edu/ihas. Submissions for that issue are due at noon on Jan. 28.

HR/Payroll newsletter available

The most recent version of the quarterly HR/Payroll newsletter is available at www.ndsu.edu/fileadmin/hr/Newsletter.pdf.

State Board of Higher Education newsletter posted

The State Board of Higher Education newsletter, the SBHE Update, is available at www.ndsu.edu/board/newsletter.

Bison repeat as national champions



The NDSU football team takes the field for the national championship game in Frisco, Texas.

The NDSU football team has won back-to-back national championships. In the NCAA Football Championship Subdivision title game Jan. 5, the Bison defeated Sam Houston State University by a score of 39-13. The game was played in Frisco, Texas.

"It was an extremely competitive game. We knew it was going to be. Quite frankly I was a little bit surprised at the margin of victory in the second half," said head coach Craig Bohl after the game. "It's very rewarding (to repeat as champions). It's extremely hard to do, and once you do that, I think you now transition the program into a pretty premier program when you've been able to go back-to-back."

NDSU junior quarterback Brock Jensen, who scored three touchdowns and was named the game's most outstanding player, said, "The hardest thing to do in sports is to repeat as champions, go back-to-back, especially the national championship. It takes a great deal of resiliency from a group of young men and also our coaching staff. I can't say enough about the coaches putting us in the right position, keeping us focused all year long, putting goals out there for us to be able to reach and just driving us as hard as they can to motivate us to reach those goals."

Thousands of NDSU alumni, students, faculty and staff were among the 21,411 fans in attendance, the largest crowd ever for a football game at FC Dallas Stadium.

Junior offensive tackle Billy Turner said the cheering Bison fans made it feel like a home game. "Running out onto the field before the game started, seeing more than half the stadium in green and gold was definitely a sight to see for us," he said. "Having all of our fans down here was a big help for us. Just to get the momentum from the crowd and transition that into our playing was obviously a big deal for us."

Junior wide receiver Ryan Smith said, "I think we have the best crowd in America, personally, because they get us pumped up and ready for games. I mean, it makes football fun, a lot of fun, coming out there every day to play for those guys and seeing them cheer us on through thick and thin."

NDSU gained its second national football title in NCAA Division I after capturing eight Division II championships.

NDSU Libraries receive Muslim Journeys Bookshelf Grant

The NDSU Libraries have been awarded a Muslim Journeys Bookshelf Grant. The grant project is co-sponsored by the National Endowment for the Humanities and the American Library Association.

The Muslim Journeys Bookshelf is a collection of 25 books, three films and one year of access to the Oxford Islamic Studies Online database, with the goal of introducing patrons to new ideas about Muslim faith, history and culture. Major themes of the collection include "American Stories," "Pathways of Faith" and "Points of View." All materials from the Muslim Journeys Bookshelf will be available for public access at the Main Library.

NDSU Libraries, in partnership with the NDSU Muslim Student Association and the Fargo Human Relations Commission, also will provide programming in the upcoming year that highlights materials and themes from the Muslim Journeys Bookshelf. Planned events include a screening of the HBO documentary "Koran by Heart" and a public discussion panel.

For more information on the Muslim Journeys Bookshelf, visit www.programminglibrarian.org/muslimjourneys.html. If you have questions or comments, contact Chris Martin, access services librarian, at 1-8915 or NDSU Archives interim director Trista Raezer at 1-8877.

NDSU tutoring programs earn certification

Two NDSU tutoring programs, Academic Collegiate Enhancement and TRiO Student Support Services, recently earned International Tutor Training Certification. Using a peer review process, the certification recognizes and reinforces successful tutoring and sets an internationally accepted standard of skills and training for programs preparing and supervising tutors.

Academic Collegiate Enhancement, an Office of Orientation and Student Success program, provides free drop-in group tutoring to students in a variety of courses. Student Support Services provides first-generation college students, students with disabilities and low income students with a range of services including support and encouragement, academic guidance, mentoring, individual tutoring services, math and science instruction, reading and writing instruction, accessible tutoring rooms and scholarship opportunities.

Each level of International Tutor Training Certification requires a minimum of 10 hours of training including some required topics and 25 hours of tutoring experience for each tutor. Both Academic Collegiate Enhancement and Student Support Services exceed the minimum requirement. Both programs have long adhered to the training standards set by the certification but only recently renewed or applied for it.

Angela Seewald-Marquardt, learning services coordinator for Orientation and Student Success, said the certification "ensures the training tutors receive is comprehensive and appropriate for college-level tutoring. There are numerous skills required for successful tutoring. The certification is a wonderful way to recognize tutors who have completed a training program that helps them develop those skills."

“Receiving the certification highlights the quality and rigor of our tutor training programs as well as formally recognizing our NDSU tutors for their commitment to academic excellence,” said Aida Martinez-Freeman, Student Support Services director.

Both programs are part of the Division of Student Affairs. In 2011-12, Academic Collegiate Enhancement had more than 3,000 students use its services and roughly 11,000 tutoring contacts. With a student membership of 350, Student Support Services tutored more than 200 students and had approximately 1,300 tutoring visits in 2012.

International Tutor Training Certification is earned through the College Reading and Learning Association, a professional organization in the fields of reading, learning assistance, developmental education, tutoring and mentoring at the college level.

NDSU Student Miles Program presents first student awards

The NDSU Student Miles Program has presented its first awards to two NDSU study abroad students.

Ian Berdanier, a senior majoring in history who will study in the Czech Republic, and Tracy Mauch, a senior majoring in apparel, retail merchandising and design who will study in Antwerp, Belgium, will receive airline tickets to their respective study abroad locations.

Since the NDSU Student Miles Program began in March 2012, participants have accumulated 1,006,654 miles through Delta Air Lines; 1,718 miles through American Airlines; and 38,549 miles through United.

NDSU faculty and staff support study abroad students each time they fly when they use NDSU Student Miles Program account numbers. Participants earn their own frequent flier rewards in addition to helping the program, which provides support for students who otherwise might not be able to afford the cost of air travel.

“We’re super excited to have reached the 1 million mile mark in what feels like a short period of time, and we’re pleased to give two awards,” said Lisa Hauck, director of the Office of International Programs who oversees the NDSU Student Miles program, noting 10 students applied for the awards.

“Study abroad is such an incredibly impacting experience for students and it’s something we want to encourage them to do more of,” Hauck said. “There are opportunities that make the experience affordable, but things like the cost of airplane tickets can stand in the way. This gives students in financial need an additional resource to study abroad, because their ticket can be covered.”

Berdanier, from Mechanicsburg, Pa., will study abroad through the Summer Language School at the University of West Bohemia. “Understanding the culture and history of Eastern Europe and appreciating its diversity can only help me become a more effective student, teacher and researcher,” Berdanier said. “I am excited about the opportunity.”

Berdanier and Mauch will both study abroad during summer 2013. Berdanier will study teaching English as a foreign language (TEOFL) and English as a second language (ESL) for three weeks.

Mauch is participating in the College of Business Summer in the European Union program for six weeks. As part of her experience, Mauch will participate in field trips in Belgium, Ireland, Northern Ireland, Luxemburg, France, Germany and Switzerland.

A native of Wyndmere, N.D, Mauch will study at the University of Antwerp. “I’m very excited to be visiting seven different countries. For me, this is an opportunity of a lifetime,” she said. “The NDSU Student Miles scholarship will allow me to put the money intended for airfare into other costs that may arise upon this trip. It makes it a little less stressful knowing I have a small portion of the trip paid for.”

“The experience of studying abroad is life changing; it provides an opportunity for students to step into another culture, enhance career opportunities and gain global understanding and perspective,” said Evie Myers, vice president for equity, diversity and global outreach. “The NDSU Student Miles Program allows more NDSU students to have the experience of a lifetime.”

For more information or to participate in the program, contact the Office of International Programs at nds.studyabroad@nds.edu.

Vice chair of pharmacy practice named



Werremeyer

Amy Werremeyer has been named vice chair of the pharmacy practice department at NDSU. In the position, she will assist all aspects of department administration, focusing on faculty development, workload assessment and continuing education for practicing pharmacists.

After earning her Doctor of Pharmacy from NDSU in 2005, Werremeyer completed her pharmacy practice residency at the Veteran’s Affairs Medical Center, Fargo, in 2006. In July of that year, she joined NDSU and is an associate professor in the department. She is a specialist in psychiatry at Sanford Hospital South University where she precepts pharmacy students and is a board certified pharmacotherapy specialist in psychiatry.

Werremeyer was named both teacher of the year and preceptor of the year by pharmacy students in 2012. Werremeyer also has been active in providing care for underserved patient populations globally through mission trips to Guatemala and Mozambique.

NDSU program director to be on American Cancer Society panel



Warne

Donald Warne, director of NDSU’s Master of Public Health Program, is scheduled to be a panel member at the American Cancer Society Action Network’s event titled, “American Indian Health Equity and the Affordable Care Act.” Originally planned for Dec. 10, the presentation and panel discussion have been rescheduled for Jan. 29 in St. Paul, Minn.

U.S. Sen. Al Franken from Minnesota is scheduled to be the keynote speaker. The panel will include Warne; Dick Woodruff, vice president of the Cancer Action Network Federal Relations and Strategic Alliances; and Rep. Betty McCollum from Minnesota, who serves on the House Appropriations Committee.

The focus of the event is to explore the impact of the Affordable Care Act on the American Indian community.

“Unfortunately, American Indians, particularly in our region, suffer from among the worst disparities in cancer incidence and deaths in the United States,” said Warne, who is a member of the national board of directors of the American Cancer Society. “The event with Sen. Franken and the Cancer Action Network is an outstanding opportunity to increase awareness of these issues and to discuss ways to intervene effectively.”

Warne earned a Master of Public Health from Harvard School of Public Health and a Doctor of Medicine at Stanford University School of Medicine.

ND EPSCoR announces Graduate Student Research Assistantships

Applications for Graduate Student Research Assistantships are being accepted by ND EPSCoR until noon, March 7. Faculty and staff are invited to recruit students. Program information and application requirements are available at www.ndepscor.nodak.edu.

The assistantship program is designed to increase graduate school opportunities for students from Dickinson State University, Mayville State University, Minot State University, Valley City State University and North Dakota tribal colleges.

The program supports master’s and doctoral applicants in science, engineering and mathematics at North Dakota’s two research universities, NDSU and the University of North Dakota. American Indian and Alaskan native applicants must have graduated from one of the North Dakota tribal colleges or have been a participant in ND EPSCoR’s Nurturing American Tribal Undergraduate Research and Education program.

ND EPSCoR is a federally and state funded program designed to improve the ability of university researchers to compete more effectively for federal, regional and private research grants in the sciences, engineering and mathematics.

Questions can be directed to ND EPSCoR 1-8400, Sheri Anderson, interim co-project director at 1-7516 or sheri.anderson@ndsu.edu or Elizabeth Jung 1-1048 or elizabeth.jung@ndsu.edu.

Concept Pharmacy to offer free services to faculty and staff

NDSU’s Thrifty White Concept Pharmacy, a licensed pharmacy located in the College of Pharmacy, Nursing, and Allied Sciences and staffed by faculty of the Department of Pharmacy Practice, is offering health and wellness services at no charge to NDSU faculty and staff.

Faculty and staff are eligible to sign up for an appointment if they are taking at least three medications. Participants will receive a free comprehensive review of all medications and a blood pressure reading. This meeting may help to contain medication costs and identify and medication problems. Participants have the option to receive cholesterol and blood glucose screening at no charge. A similar appointment and health screenings could cost up to \$100 at a local pharmacy.

One-hour appointments will be conducted the week of March 4-8 in Sudro Hall 108. A limited number of appointments are available. The deadline for registering is Feb. 1.

To make an appointment, visit www.ndsu.edu/pharmacy and click on the Medication Therapy Management link.

Math-In has record participation

The NDSU Math Club helped a record number of students prepare for fall semester finals.

A record-breaking 367 students attended the fall 2012 Math-In, a day-long tutoring session where Math Club volunteers help students brush up for finals.

“Our faculty and especially our graduate and undergraduate students did absolutely world-class work at tutoring individuals in math and occasionally, statistics and science,” said Jim Coykendall, James A. Meier Professor, mathematics professor and Math Club adviser.

The fall 2011 Math-In previously held the record with 358 participants, while the spring 2012 Math-In had 353 participants.

Since fall 2001, the Math Club has hosted Math-In before finals each semester. This fall, 37 Math Club and mathematics faculty members volunteered for shifts during the 10-hour tutoring session.

Students, including student-athletes, came to fine tune before heading off to a much-anticipated home playoff football game versus Wofford College. “Several NDSU football players were working away at the Math-In before having to leave to put the hurt on Wofford,” Coykendall said.

3 new members inducted into Tapestry of Diverse Talents



Wyum

The Tapestry of Diverse Talents recognized three new members during the induction ceremony Dec. 7 in the Memorial Union Century Theater. Dena Wyum, lecturer in human development and family science and women and gender studies; Donna Grandbois, assistant professor of nursing; and Lt. Col. Santiago Bueno III, an undergraduate student in military science, were honored.



Grandbois

The Tapestry of Diverse Talents is a program of the Memorial Union. It is a pictorial mosaic that recognizes students, faculty, staff and alumni for their contributions to supporting and encouraging diversity at NDSU. Individuals are inducted, reflecting the ages, classes, abilities, ethnicities, genders, races, regional differences, sexual orientations, beliefs and values of the university community.

For more information, email stephanie.gramlow@ndsu.edu, call 1-7350 or visit www.ndsu.edu/mu/programs/civic_engagement/tapestry_of_diverse_talents.

State forester receives Lifetime Achievement Award



Larry Kotchman, right, receives the Jim Hull Lifetime Achievement Award.

North Dakota state forester Larry Kotchman was presented with the Jim Hull Lifetime Achievement Award at the National Association of State Foresters annual meeting in Cheyenne, Wyo., in September.

Kotchman was recognized for more than 40 years in the forestry field as a leading advocate for state and federal

forestry programs and policies. Wisconsin state forester Paul DeLong presented the award.

Lifetime achievement awards are presented annually to one or two individuals who have significantly contributed to forestry during an extended period of time. The award is given for efforts toward state and private forestry at the national level.

As a past president for the National Association of State Foresters, chair of the Council of Western State Foresters and experienced state forester, Kotchman focuses his career on furthering public and private forest policy by collaborating with state and federal agencies and organizations. Through the years, he has held a number of roles in the forestry community, including being a member of the State and Private Forestry Resign board; chair of the Urban and Community Forestry committee; and a board member of the National Association of State Foresters Foundation. He also was selected as one of 25 members from across the nation to serve on the Vibrant Cities and Urban Forests: A National Call to Action task force.

Welcome banquet held for international students



New international students practice the "Go Bison" cheer at a welcome reception held Jan. 8 in the Memorial Union. The Office of International Programs hosts the event the first week of every semester for new and current international students, faculty and staff.

NDSU agriculture, Extension faculty and staff honored

NDSU honored agriculture and Extension faculty and staff in an awards ceremony Dec. 13.

Ken Grafton, vice president for agricultural affairs, dean of the College of Agriculture, Food Systems, and Natural Resources, and director of the North Dakota Agricultural Experiment Station, and Chris Boerboom, director of the NDSU Extension Service, presented the awards during the 21st annual Agriculture and Extension Faculty/Staff Awards program. Forty-seven people were nominated this year.

The 2012 award recipients were:

Larson/Yaggie Excellence in Research Award – Tom DeSutter, assistant professor in the School of Natural Resource Sciences (soil science)

Eugene R. Dahl Excellence in Research Award – Anna Grazul-Bilska, professor of animal sciences

Earl and Dorothy Foster Excellence in Teaching Award – Siew Lim, assistant professor of agribusiness and applied economics

H. Roald and Janet Lund Excellence in Teaching Award – Janice Haggart, instructor of veterinary and microbiological sciences

William J. and Angelyn A. Austin Excellence in Advising Award – Rachel Richman, senior lecturer of veterinary and microbiological sciences

Myron and Muriel Johnsrud Excellence in Extension/Outreach Award – Reid Redden, Extension sheep specialist and assistant professor of animal sciences

AGSCO Excellence in Extension Award – Brad Brummond, Walsh County Extension agent

Charles and Linda Moses Staff Award – Kirk Anderson, research specialist in the School of Natural Resource Sciences (entomology)

Donald and Jo Anderson Staff Award – Sandy Erickson, administrative assistant, Department of Veterinary and Microbiological Sciences

Rick and Jody Burgum Staff Award – Nels Olson, research technician, Hettinger Research Extension Center

NDSU assistant director chosen for leadership program

Emily Berg, assistant director of the Office of Institutional Research and Analysis, was selected to participate in United Way of Cass-Clay's 35 Under 35 Women's Leadership Program.

The program aims to deepen leadership opportunities for women in the Cass-Clay community, while inspiring participants to make a difference.

"The 35 Under 35 Program is a chance to strengthen my personal and professional skills, to network with other young professionals in the Fargo-Moorhead community, and to bring what I learn back to the office," said Berg, who joined the Office of Institutional Research and Analysis in 2008. "It is an honor to be in the company of such an inspiring, talented group of women."

An NDSU alumna, Berg earned bachelor's and master's degrees in zoology.

The 2013 program, which began Jan. 3, will meet monthly through June. Session topics include "Creating Connections," "Charting Your Course," "Leadership Skills," "Presenting Your Best Self," "The Journey" and "Giving Back to the Community and Philanthropy."

Longtime athletic trainer, faculty member Isrow dies

Longtime NDSU athletic trainer and faculty member Denis "Izzy" Isrow died Dec. 16, following a battle with cancer. He was 78 years old.

"We will miss Izzy a great deal. He had such an impact on our programs in so many ways, and he touched the lives of countless individuals who will always remember him with fondness," said Gene Taylor, director of athletics.

Isrow, who was nicknamed the "Father of Athletic Training" in North Dakota, joined the NDSU faculty in 1963 as an instructor and coach. He instituted the university's athletic training program in 1968.

Isrow retired from teaching in 2002 after working as associate division director of health, physical education, recreation and athletics and as a professor in the College of Human Development and Education. He was named professor emeritus, serving as Health Insurance Portability and Accountability Act coordinator at NDSU, and working with Bison student-athletes through the Athletic Academic Program.

Isrow taught first aid and Cardiopulmonary Resuscitation for more than 40 years. In addition, he served as a medic in the North Dakota Air National Guard and the South Dakota Army Guard.

The native of Detroit earned many honors, including induction in the North Central Conference Hall of Fame in 1988, Bison Athletic Hall of Fame in 1990 and National Athletic Trainers' Association Hall of Fame in 1995.

He earned his bachelor's degree at Adams State College in Colorado, master's degree at NDSU and doctorate from the University of Utah.

Isrow is survived by his wife, Geraldine, two sons and two daughters.

Bohl receives coaching honors



Craig Bohl with the Eddie Robinson Coach of the Year Award

The American Football Coaches Association named Craig Bohl AFCA Coach of the Year at its convention Jan. 8.

Each year since 1935, the association recognizes a coach of the year in each of the association's five subdivisions. Bohl was selected on behalf of the Football Championship Subdivision.

Bohl is the fourth NDSU coach to earn AFCA Coach of the Year honors. He joins Don Morton in 1983, Earle Solomonson in 1986 and two-time winner Rocky Hager in 1988 and 1990, who each received the Division II award.

The winners are selected by a vote of the Active AFCA members (coaches at four-year schools) in the association's five divisions. The award is the oldest and most prestigious of the coach of the year awards and is the only one chosen exclusively by the coaches.

Bohl also received The Sports Network's 2012 Football Championship Subdivision "Eddie Robinson Coach of the Year Award" Dec. 17 in Philadelphia. It was the fourth time he had been a finalist for the prestigious honor.

Bohl led the Bison to a second straight NCAA Division I FCS championship, defeating Sam Houston State University 39-13 on Jan. 5 in Frisco, Texas.

Bohl is in his 10th season at NDSU, and has an 88-32 overall record.

Gold Star Marching Band has busy year

The NDSU Gold Star Marching Band, under the direction of Sigurd Johnson, associate professor of music education, is wrapping up another banner year. In addition to providing music for home and playoff football games, the 200-member marching band and NDSU Athletic Bands performed for six women's volleyball and 30 men's and women's basketball games; the Train concert at Sanford Health Systems project dedication; and numerous pep rallies and pre-game tailgating.

The Gold Star Marching Band also appeared at the NCAA Division I Football Championship Subdivision national championship game in Frisco, Texas, Jan. 5. It is scheduled to perform during the January opening of NDSU's new indoor track facility.

Interim head men's golf coach named

Kris Kroetsch, Professional Golfing Association teaching professional at the Fargo Country Club, has been named NDSU's interim head men's golf coach. Gene Taylor, athletic director, made the announcement Dec. 14.

Kroetsch replaces Oxbow Country Club assistant golf professional Billy Iverson, who resigned as NDSU head coach Nov. 20. Taylor said a search for the next head men's golf coach will begin in April.

Kroetsch started at the Fargo Country Club in 2008 and previously spent six years at the Moorhead Country Club. He played collegiate golf at the University of North Dakota, where he was a two-time All-North Central Conference performer and two-time NCAA Division II regional individual qualifier in 1999 and 2000.

Kroetsch graduated from UND with a bachelor's degree in social science education.

Defensive lineman recognized for academic achievement

NDSU defensive lineman Ryan Drevlow was among 54 student-athletes named to the 15th annual Football Championship Subdivision Athletics Directors Association Academic All-Star Team. There were 98 total nominees.

Drevlow, a junior from Gwinner, N.D., maintains a 3.66 grade-point average majoring in electrical engineering. He was also a CoSIDA Academic All-District first-team and Missouri Valley Football Conference All-Academic second-team selection this season. He was nominated for the 2011 NCAA Elite 89 Academic Award.

Football players from all Football Championship Subdivision institutions are eligible for these prestigious awards. Each of the nominees were required to have a minimum grade-point average of 3.2 (on a 4.0 scale) in undergraduate study and have been a starter or key player with legitimate athletics credentials. He must have reached his second year of athletics and academic standing at the nominated institution and have completed a minimum of one full academic year at the nominated institution. He must also have participated in 50 percent of the games played at his designated position.

Linebacker receives NCAA Elite 89 Academic Award

Linebacker Esley Thornton received the Football Championship Subdivision NCAA Elite 89 Academic Award at the championship banquet held Jan. 4.

Thornton, a sophomore from Bismarck, N.D., maintains a 3.87 grade-point average and is majoring in exercise science.

The Elite 89 is presented to the student-athlete with the highest cumulative grade-point average participating at the finals site for each of the NCAA championships.

The Elite 89, an award founded by the NCAA, recognizes the essence of the student-athlete by honoring the individual who has reached the pinnacle of competition at the national championship level in his or her sport, while also achieving the highest academic standard among his or her peers.

The award was presented by FCS Championship chairman and Appalachian State director of athletics Charlie Cobb.

RESEARCH

NDSU partners with Lawrence Livermore National Labs



Sen. Hoeven (center), NDSU President Dean Bresciani (right), and Lawrence Livermore National Laboratory director Penrose (Parney) Albright finalized the agreement at a signing ceremony at NDSU Research 1 on Dec. 14.

U.S. Sen. John Hoeven announced NDSU and Lawrence Livermore National Laboratory, Livermore, Calif., have entered into a memorandum of agreement to partner on research and development projects involving high performance computing to develop new technologies for the energy industry and give students access to tremendous educational opportunities. Hoeven, NDSU President Dean Bresciani and Lawrence Livermore National Laboratory director Penrose (Parney) Albright finalized the agreement at a signing ceremony at NDSU Research 1 Dec. 14.

Hoeven said collaboration between the national lab and NDSU's advanced computing capabilities through the NDSU Center for Computationally Assisted Science and Technology could lead to increases in energy production and utilization, with improved environmental stewardship.

"Using high-performance computers, NDSU and LLNL will collaborate on research and development projects aimed at boosting energy production from shale formations like the Bakken, which could yield billions of barrels of additional oil," Hoeven said. "This partnership is one more example of how we're driving that technology development in North Dakota."

"The energy challenges of today and tomorrow require new kinds of partnerships to develop and use new kinds of technology," Albright said. "We look forward to a close partnership with NDSU faculty, staff and students bringing advanced supercomputing to real world problems in fossil energy and sustainability."

“Collaboration between NDSU and LLNL is expected to include faculty, staff and students on research projects once funding is secured,” Bresciani said. “This will provide a tremendous opportunity for students to gain experience in the use of advanced supercomputers for science and technology development.”

Potential research may include enhancing productivity for tightly bound liquid hydrocarbons, such as those found in the Bakken oil shale formation in North Dakota. Other potential research projects could include high-throughput chemical design and development of new, novel materials for energy applications.

“These collaborations provide additional opportunities for faculty and research teams at NDSU to use supercomputing capabilities for research with potential national impact in a variety of areas,” said NDSU Provost Bruce Rafert.

The research partners at NDSU and Lawrence Livermore National Laboratory plan to develop and refine high performance computer-based simulators of reservoirs of tightly bound hydrocarbons such as oil and gas found in shale formations.

In another collaboration, NDSU and the national laboratory plan to seek funding for projects to harness the power of advanced supercomputing to develop new materials and methodologies for robotic-driven rapid experimentation. NDSU has one of the largest laboratories for high-throughput, combinatorial chemistry for polymers, coatings and other materials. The proposed goal is to build new capabilities in computational chemistry and cheminformatics for commercial and industrial applications.

Upon securing funding, the research team plans to design and evaluate potential catalysts for commercial energy applications. Such research may include gas-to-liquid fuel catalysts, gas separation processes and energy conversion. Research may include design of new functional polymers and coatings for energy applications.

“High performance computing represents a critical shift in how research is conducted,” said Philip Boudjouk, vice president for research, creative activities and technology transfer. “Nationally, there is expected to be an increasing need for interdisciplinary research teams, as well as for scientists who are algorithm and code developers, informatists and for programmers who are scientists. Researchers and students at NDSU will have the opportunity to develop and expand these skills through NDSU’s supercomputing facilities and through this research collaboration with Lawrence Livermore National Laboratory.”

Supercomputing facilities at NDSU provide opportunities and tools for faculty and students to conduct next generation research. “We assist researchers in energy, materials, environment, health, security and in other areas of national research priority,” said Martin Ossowski, director of NDSU’s Center for Computationally Assisted Science and Technology.

Faculty receive \$1.2 million grant for youth programming



Randall



Secor-Turner

NDSU faculty members received a \$1.2 million three-year competitive grant from the U.S. Department of Health and Human Services Administration for Children and Families.

The grant is for implementing a Personal Responsibility Education Program under the Affordable Care Act that focuses on preventing teen pregnancy and sexually transmitted infections. Starting in January 2013, the program will target youth ages 14-19 in the Fargo area.

Brandy Randall, associate professor of human development and family science, and Molly Secor-Turner, assistant professor of nursing, are co-principal investigators of the grant, which will be facilitated through a partnership with Planned Parenthood Minnesota, North Dakota, South Dakota.

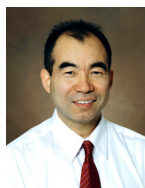
Called “Reach One Teach One: North Dakota,” the program will include youth at greatest risk for unplanned pregnancies, including homeless and runaway teens, teens in foster care or the juvenile justice system and teens aging out of foster care.

According to the most recent Youth Risk Behavior Survey, about 45 percent of North Dakota youth attending school are sexually active and 13 percent have had more than four partners. “While pregnancy rates among teens in North Dakota are lower than the national average, our state’s most vulnerable teens are experiencing disproportionately high rates of early pregnancy and child-birth,” Secor-Turner said.

The program will include strong, clear messages about abstinence and medically accurate information about reproductive health. It also will cover life skills, such as developing healthy relationships and communicating effectively. Because teens are more likely to discuss sexuality with their peers, it also will include a peer education element.

The program is funded by the Administration on Children, Youth and Families’ Family and Youth Service Bureau under award No. 90AK0012.

NDSU researcher invited to write commentary on cancer case



Wu

Erxi Wu, assistant professor of pharmaceutical sciences, has been invited to write a commentary on a clinical case for the journal, *Clinical Advances in Hematology & Oncology*. The commentary will be published this month.

The clinical case reports a 58-year-old Caucasian male with stage I pancreatic head adenocarcinoma whose fluctuating carbohydrate antigen 19-9 level did not reflect recurrent pancreatic malignancy. The carbohydrate antigen 19-9 level of the patient decreased from 120 U/ml pre-operation to 89 U/ml after resection. Upon receiving chemotherapy, his carbohydrate antigen 19-9 level was fluctuating without

significant clinical symptoms. The patient was later diagnosed with melena and anemia associated with elevated carbohydrate antigen 19-9 levels, which were reduced by a proton pump inhibitor treatment.

According to Wu and his associates, the case supports the statement that carbohydrate antigen 19-9 should not be the only indicator used for diagnosing pancreatic cancer. "As pancreatic cancer is one of the leading causes of cancer death with a five-year survival rate of only 4-6 percent and the poor prognosis of pancreatic cancer is attributed to the lack of effective therapy, the late stage presentation, early recurrence and the absence of well-grounded clinical harbingers of early disease, revisit of carbohydrate antigen 19-9 value as a marker for pancreatic cancer is worthwhile," Wu said.

According to the authors, carbohydrate antigen 19-9 also is known to be a sialylated Lewis blood group antigen. Elevated levels, >37 U/ml, of carbohydrate antigen 19-9 have been associated with gastrointestinal carcinomas, particularly in pancreatic cancer, and is considered one of the most favorable biomarkers for the management of pancreatic cancer. It is the only biomarker related to pancreatic cancer for which U.S. Food and Drug Administration-cleared diagnostics exist. However, carbohydrate antigen 19-9 seems to fail to fit these standard biomarker criteria due to its inadequate sensitivity, false negative results in Lewis blood type negative, Lea-b-, population and high false positive results induced by obstructive jaundice, 10-60 percent. Another limitation of carbohydrate antigen 19-9 is it may be markedly elevated in patients with other malignancies such as colorectal, liver, breast and lung cancers, as well as non-malignant diseases such as obstructive jaundice, pancreatitis, cirrhosis and lung disorders. It has been reported markedly elevated carbohydrate antigen 19-9 levels also can be associated with heavy tea consumption.

"We think that it is necessary to do in-depth investigation on CA 19-9 and to make use of its value as marker for pathological conditions, especially for pancreatic cancer. First, simultaneously measurement of the CA 19-9 antigen and its specific carrier may provide improved prognosis compared with the detection of total CA 19-9. Second, a better understanding of CA 19-9 epitope, sialy-Lewis binding specificity may be able to optimize the CA 19-9 assay to improve cancer detection. It may also be desired to combine other tumor markers for this malignancy to increase the sensitivity and specificity," Wu said.

For more information on Wu's background and research, visit www.ndsu.edu/pharmsci/faculty_staff/erxi_wu.

Assistant professor receives Best Paper Award



Khan

Samee U. Khan, assistant professor of electrical and computer engineering, and colleagues from the Chinese Academy of Sciences and China University of Geosciences received the Best Paper Award for their paper, "A Simulation Study on the Effect of Individuals' Uncertain Behaviors in Indoor Evacuation."

The paper received the award from among 161 submissions at the 12th International Conference on Scalable Computing and Communications, held in Changzhou, Jiangsu, China, Dec. 17-19. The conference was sponsored by the Institute of Electrical and Electronics Engineering, USA.

This is the second best paper award won by Khan since he joined NDSU in 2008. In 2012, he published more than 50 research artifacts, including one book. Khan is an adjunct professor in the NDSU Department of Computer Science and an adjunct professor of computer science with the COMSATS Institute of Information Technology, Pakistan. Khan also is visiting professor of cloud computing at the Chinese Academy of Sciences.

Associate professor named editor of an Elsevier Journal



Sivaguru

J. Sivaguru, associate professor of chemistry and biochemistry, has been named editor of Journal of Photochemistry and Photobiology – A: Chemistry, an Elsevier Journal.

Sivaguru joined the editorial team Jan. 1 and will handle all submissions from North and South America. The journal publishes results of fundamental studies on all aspects relating to chemical phenomena induced by interactions between light and molecules/matter of all kinds. The impact factor of the journal for the past five years has been 2.925 according to Thompson Reuters.

For more information about Sivaguru, visit <http://sivagroup.chem.ndsu.nodak.edu>. For more information about the Journal of Photochemistry and Photobiology – A: Chemistry, visit www.journals.elsevier.com/journal-of-photochemistry-and-photobiology-a-chemistry.

English faculty member publishes



Totten

Gary Totten, associate professor of English, has published two articles. His essay, "Imagining the American West in Wharton's Short Fiction," was published in The Journal of the Short Story in English. In the article, Totten examines Edith Wharton's representation of the American West in her short stories, noting the negative cultural meanings she attaches to the West, including

themes of entrapment, loss of opportunity and alienation, particularly for female characters.

In his book chapter, "Re-Authoring the Nineteenth Century: Morrison's 'Beloved' and Stowe's 'Uncle Tom's Cabin,'" in "Inhabited by Stories: Critical Essays on Tales Retold," Totten demonstrates how re-reading a 19th century novel about a slave mother's experience, such as Harriet Beecher Stowe's "Uncle Tom's Cabin," in relation to a contemporary re-telling of a similar story, such as Toni Morrison's "Beloved," highlights new ideas about race and gender in the earlier novel.

Assistant professor publishes article on cross-racial teaching



Sassi

Kelly Sassi, assistant professor in the School of Education and English department, and Amy Carpenter Ford, an assistant professor from Central Michigan University, co-wrote the article, "Authority in Cross-Racial Teaching and Learning: (Re)considering the Transferability of Warm Demander Approaches."

The article compares a white teacher's approach to authority with that of an African American "warm demander," a style of teaching that includes assertive discipline, caring relationships and congruent interactional styles.

Ethnographic methods and discourse analysis illuminated how an African American teacher grounded her authority with African American students in shared culture, history and frame of reference. A comparative analysis makes visible what white teachers need to do differently to establish cross-racial authority with African American students, such as prioritize interpersonal relationships, communicate in culturally congruent ways, link care with justice, develop a critical race consciousness, ally with students and critique curriculum.

The article offers a reconceptualization of the warm demander relevant for white teachers. It was published in *Urban Education* in December.

Sassi also published a book review of "Beloved Child: A Dakota Way of Life," which was published in the winter 2012 issue of *Tribal College Journal*.

The author of the book, Diane Wilson, explores the meaning of the Dakota "hunka," or beloved child ceremony, as a counterpoint to historical trauma. One of the stories in the book is that of Clifford Canku, NDSU professor of practice. The book was published in 2011 by Borealis Books.

Doctoral student paper wins awards

A research paper led by Buddhika Madurapperuma, a doctoral student in environmental and conservation science, was awarded the Best Paper and Best Poster Awards at the fourth International Conference on Geo-information Technology for Natural Disaster Management in Colombo, Sri Lanka, Nov. 7-8.

The Asian Institute of Technology, Japan-Vietnam Geoinformatics Consortium, Geoinformatics International, Uva Wellassa University, National University of Sciences and Technology and the Association for Geoinformation Technology sponsored the conference.

"The paper was a 'leap-of-faith' in addressing how high water uptake, high saline tolerant agroforests may mitigate flooding within Devils Lake basin and in turn improve water quality while providing a natural floodwall preventing bank erosion or collapse," said Peter Oduor, associate professor of geosciences and Madurapperuma's academic adviser.

The paper was co-written by Oduor; Janaka Kuruppuarachchi and Udhara Munasinghe of the Open University of Sri Lanka; and Larry Kotchman of the North Dakota Forest Service.

USDA-Forest Service and Catalog of Federal Domestic Assistance Cooperative Forestry Assistance grants funded the research.

EVENTS

Ed Schafer to speak at NDSU

A former North Dakota governor and U.S. secretary of agriculture is scheduled to kick off a new endowed lecture series at NDSU. Ed Schafer will present "Ronald Reagan's Values: How They Shaped North Dakota's Economy Today" Tuesday, Jan. 15, at 3:30 p.m. in the Memorial Union Hidatsa room. The event is free and open to the public. A reception will follow.

Schafer served as U.S. secretary of agriculture from 2008 to 2009. He was governor of North Dakota from 1992 to 2000.

The presentation is the inaugural event in the annual Carl Pfiffner and Jerri Hall Pfiffner Endowed Lecture Series. Carl Pfiffner, BS '65, polymers and coatings, is a retired national sales manager for ExxonMobil Foundation. His wife, Jerri, BA '65, English, teaches at Houston Community College.

Two NDSU faculty members will lead a discussion following Schafer's presentation. Thomas Ambrosio is an associate professor of criminal justice and political science with research focusing on nationalism and ethnic conflicts, international relations, Eastern Europe/former USSR and comparative politics. Tom Isern is a professor of history and University Distinguished Professor of history.

Schafer's presentation is sponsored by the NDSU College of Arts, Humanities and Social Sciences.

NDSU Information Technology promotes Data Privacy Month

Learn how to control, protect and keep private personal data during January, which is Data Privacy Month.

Data Privacy Month was created to empower and engage people to protect their privacy and manage their digital online presence and information. This month, NDSU's Information Technology's security office will offer online materials and presentations to raise awareness on ways personal information is collected, stored, used and shared; and what precautions individuals as owners of the data can use to protect it.

To kick off the month's events, the Information Technology security office has posted information on www.ndsu.edu/its/security. The site provides a listing of events sponsored by NDSU and EDUCAUSE. Daily tips and advice also will be posted on the NDSU IT Security Facebook page, which is accessible through the Information Technology security website.

For more information on Data Privacy Month, contact Theresa Semmens, Chief IT security officer, at theresa.semmens@ndsu.edu or 1-5870.

Talk to discuss dangers of synthetic drugs and alcoholic energy drinks

Since 2009, synthetic drugs like K2 and Spice have spread throughout the United States. The American Association of Poison Control Centers receives thousands of calls each year related to human exposure of synthetic marijuana and bath salts. The majority of people affected by this epidemic are age 25 and younger.

To raise awareness of the dangers of synthetic drugs, as well as the lethal combination of alcohol and energy drinks, NDSU's Distance and Continuing Education and Prairie St. John's are hosting the presentation, "Alcopos, AMEDS and SLIDs: What You Don't Know Can Hurt You." The presentation is scheduled for Tuesday, Jan. 15, at 6:30 p.m. in NDSU's Beckwith Hall. It is free and open to the public.

Frank White, associate professor of sociology at the University of North Dakota, Grand Forks, will discuss the various street names, signs and symptoms of usage, risk factors and side effects, legal concerns and current marketing strategies directed at adolescents and young adults.

White has taught sociology for 24 years. His scholarly interests include drug use and abuse among adolescents and young adults with special emphasis on binge drinking, date rape, anabolic steroids and synthetic drugs.

For more information or to register, visit the NDSU Distance and Continuing Education website at ndsu.me/dcem1231. Continuing Education Units are available for \$10.

Presentation to offer best practices for managing data

NDSU faculty, staff and students are invited to attend "Got data? Now what? Best practices for managing your data," to learn about simple and practical strategies and tools available at NDSU to help actively manage data. The presentation is scheduled for Tuesday, Jan. 15, from 9:30 a.m. to 10:30 a.m. and Thursday, Jan. 17, from 2 p.m. to 3 p.m. Both sessions will be held in the Memorial Union Arikara room.

NDSU's Research Data Working Group hosts the presentation. For more information, visit www.ndsu.edu/research_data.

Open forums scheduled on 'Core Questions'

The Core Undergraduate Learning Experiences (CULE) is scheduled to present the proposed "Six Core Questions to Frame Learning Outcomes for NDSU Undergraduates" at campuswide open forums Thursday, Jan. 17, and Monday, Jan. 28. Both forums will be at 1 p.m. in the Memorial Union Century Theater.

Initially called the Undergraduate Curriculum Review Committee, CULE was authorized by University Senate in 2009 to design and implement a process to examine the knowledge and skills graduates should have when they complete their baccalaureate degrees.

CULE met with 460 people in 40 academic and non-academic units in listening sessions, and received 1,370 responses to a survey on the topic. The outcomes are framed by these core questions:

- How does the world work, and what is my place in it?
- Who am I, and how did I become that person?
- What values and practices are worth sustaining?
- How do we know what we know?
- What are the world's problems and what consequences do they have for me?
- How might we address the world's problems?

In addition to the open forums and other face-to-face meetings, input suggestions on how to improve the framework can be made at <https://tt1.opinio.net/s?s=16869>.

After Faculty Senate approves the learning outcomes, CULE will develop a model general education program to help students fulfill the outcomes and will present that model to the campus for feedback. Based on the feedback, CULE will craft a model for faculty review and Faculty Senate's approval.

Winter Dance Festival scheduled

The NDSU Ballroom Dance Club is scheduled to host its second annual Winter Dance Festival on Saturday, Jan. 19, from 7 p.m. to 11 p.m. at the El Zagal Shrine Club, 1429 N. Third St., Fargo.

A beginners swing dance lesson for all participants will be given at 7 p.m., followed by dancing to the El Zagal Shrine Band, The Imperials. Intermissions will feature performances by the Ballroom Dance Club.

The event is open to the public. Admission is \$10 per person for the evening. For more information, contact the dance club's adviser, Donald Miller, at 1-7941.

FORWARD announces upcoming events

Anti-racism workshop scheduled for academic administrators

The FORWARD project will sponsor an anti-racism workshop for college deans and department chairs and heads. The workshop is scheduled for Tuesday, Jan. 22, from 1 p.m. to 5 p.m. in the Memorial Union Meadow Lark room. The workshop will explore the history of racism, institutional racism, white privilege, and power and oppression. Registration is requested and can be completed by visiting the FORWARD website at www.ndsu.edu/forward.

The anti-racism workshop will be offered by NDSU Anti-Racism Team members Gene Berry, associate professor of veterinary and microbiological sciences, and Tom Carlson, faculty senate president and associate professor of human development and family science.

NDSU's Anti-Racism Team was commissioned in 2003 to provide educational activities and workshops as a means to make NDSU more open and welcoming to people of color. Additional information about the anti-racism team and their work can be found at www.ndsu.edu/diversity/diversityatndsu/diversity_council_information/anti_racism_team.

For more information about the workshop or about FORWARD, contact Canan Bilen-Green, FORWARD director, at canan.bilen.green@ndsu.edu or 1-7040.

FORWARD Ally trainings scheduled for spring semester

The FORWARD program has scheduled two spring ally trainings for male faculty.

The first training is for male faculty specifically from the College of Arts, Humanities and Social Sciences and the College of Human Development and Education. It is scheduled for Tuesday, Feb. 5, from 11:30 a.m. to 1 p.m. in the Memorial Union Meadow Lark room.

The next ally training, which is open to all male faculty, is scheduled for Wednesday, March 20, from 12:15 p.m. to 1:45 p.m. in the Memorial Union Meadow Lark room.

Lunch will be provided at both trainings. The ally training will provide male faculty with strategies to help improve the overall climate for all faculty at NDSU and identify ways to better recruit and retain women faculty. Registration is requested and can be completed by visiting www.ndsu.edu/forward.

For more information about the FORWARD Allies program, contact Sean Sather-Wagstaff, advocate coordinator, at sean.sather-wagstaff@ndsu.edu or 1-8105 or Canan Bilen-Green, FORWARD director, at canan.bilen.green@ndsu.edu or 1-7040.

FORWARD offers faculty search committee training

The FORWARD project will sponsor training sessions for faculty search committee members on Wednesday, Feb. 6, from 9 a.m. to 11 a.m. and Thursday, Feb. 7, from 2:30 p.m. to 4:30 p.m. in the Memorial Union Hidatsa room.

Current search committee members are particularly encouraged to attend one of the sessions. The training will include information on procedural aspects of the search process, as well as research-based information addressing the ways bias can influence recruitment and screening of applicants in a search and strategies for overcoming bias.

Registration is requested and can be completed by visiting www.ndsu.edu/forward.

Retirement open house scheduled for Bleier



Bleier

Will Bleier, professor of biological sciences, retired earlier this month after nearly 37 years of service to NDSU. To honor Bleier, the department has scheduled a reception on Tuesday, Jan. 22, from 3 p.m. to 5 p.m. in the Harry D. McGovern Alumni Center. A program will begin at 4 p.m.

Bleier earned his bachelor's degree from University of Texas at Austin, and his master's and doctoral degrees from Texas Tech University, Lubbock. He joined NDSU as an assistant professor in 1975.

For the first 20 years of his career, Bleier studied reproduction in bats, principally a species in southern Arizona. Fifteen years into his career at NDSU, he began studying blackbirds. He primarily focused on methods to alleviate the conflict between blackbirds

and sunflower growers. This work formed a strong collaboration with the U.S. Department of Agriculture, which continues today.

Throughout his career, he received numerous teaching awards and research grants. He has published dozens of articles and held various leadership positions including chair or head of the biological sciences department for 17 1/2 years.

For more information, contact Phyllis Murray at 1-7087 or phyllis.murray@ndsu.edu.

Brown Bag Seminars scheduled for January

Two Compass Program Foundation Brown Bag Seminars are scheduled for January. The presentations are free and open to the public.

MLK Day Celebration

In honor of Martin Luther King Jr. Day, NDSU is hosting a celebration Wednesday, Jan. 23, at noon in the Memorial Union Arikara room. Events are scheduled to celebrate King's life and achievements.

The Atmosphere, an African drumming ensemble formed in 2012, will perform. The group is composed of musicians from countries such as the Democratic Republic of Congo, Liberia, Nigeria, Republic of Senegal and the Republic of Burundi. The unique blend of cultures has resulted in an exhilarating fusion of African and contemporary styles of music, according to Ruth Grimmert-Tejedor of the Office of Multicultural Programs.

The Atmosphere includes NDSU students Samuel Ogunyemi, Evete Nimpagariste, Oluchi Okakpu, Irene Forfor and Oyiza Obami.

Also scheduled is a keynote speaker, Thomas Jefferson, BS '84, leisure studies and recreation, who will share his experiences and involvement with the civil rights movement.

The events are sponsored by the Office of Multicultural Programs and Compass Program Foundation. Martin Luther King Jr. Day is Jan. 21.

For more information, contact Ruth Grimmert-Tejedor at ruth.grimmertejedor@ndsu.edu.

"The Bro Code" presentation

"The Bro Code," is scheduled for Wednesday, Jan. 30, at noon in the Memorial Union Arikara room. The bro code is a set of rules or guidelines that dictate how men should act, especially around other men. During the presentation, members of the women and gender studies program will deconstruct and discuss the bro code and what it means for the men being pushed to enact the bro code and the women who live within its guidelines.

The presentation is co-sponsored by the women and gender studies program and Compass Program Foundation. For more information contact Erienne Fawcett at erienne.fawcett@ndsu.edu.

Blood drive scheduled at NDSU

The Office of Human Resources/Payroll will sponsor a United Blood Services Staff Blood Drive Thursday, Jan. 24, from 1 p.m. to 4:30 p.m. The Bloodmobile will be parked outside the west entrance of the Memorial Union and is open to all faculty, staff and students. Donors must show a photo ID.

To schedule an appointment or for more information, go to www.bloodhero.com or contact Cynthia Baumann at 1-8961.

Center for Writers schedules workshops for spring semester

The NDSU Center for Writers has scheduled several campuswide workshops this spring for students, faculty and staff.

“Applying APA Style Across Disciplines” is scheduled for Friday, Jan. 25, from 10 a.m. to 11:30 a.m. in IACC 114. Kellam Barta, a senior undergraduate writing consultant, will introduce the format and citation style of the American Psychological Association, which is used in many academic disciplines. The workshop will be part lecture, part question and answer and part practice. Attendees are encouraged to ask questions and bring a paper in progress. Computers will be available.

“Award-Winning NDSU Authors: Secrets to Success in Academic Publishing” is scheduled for Monday, Feb. 11, from 2:30 p.m. to 4 p.m. in Family Life Center room 413B. Held during International Writing Centers Week, award-winning NDSU authors will present a panel discussion about the academic publication process. Attendees are invited to ask questions. Panelists will include Ganesh Bora, assistant professor of agricultural and biosystems engineering; Kimberly Vonnahme, associate professor of animal sciences; Anna Grazul-Bilska, professor of animal sciences; Herbert Snyder, professor of accounting; and Michele Reid, dean of libraries.

“Live Commenting and Grading” is scheduled for Wednesday, March 20, from 9 a.m. to 10:30 a.m. in the C.I. Nelson Building room 112. A recorded webinar featuring faculty from Stetson University College of Law will discuss giving oral feedback instead of written comments on student papers. As experienced users of the method, the Stetson faculty will describe how they prepare for and execute it, its pros and cons, its limitations and responses to fears about using it. A live question and answer period will follow.

“Email Effectiveness” is scheduled for Thursday, April 18, from 1 p.m. to 2 p.m. in Morrill Hall room 105. The presentation will feature a recorded interview with the authors of “Send: Why People Email So Badly and How to Do It Better.” It will address issues such as email etiquette, using sarcasm in emails and the ever-increasing role email plays in life.

Space is limited and reservations are required. To sign up, go to www.ndsu.edu/cfwriters/workshops.

Direct questions to Karen P. Peirce at karen.peirce@ndsu.edu.

For more information, like the center’s Facebook page at www.facebook.com/ndsucfw.

NDSU Extension Services announces series of events

The NDSU Extension Service has announced a series of events aimed at offering research-based education programs and resources to persons in the agriculture industry.

The 17th annual Diversity, Direction and Dollars forum

Diversity, Direction and Dollars 2013, an agricultural forum, is scheduled for Tuesday, Jan. 15, at the Ramada Inn Grand Dakota Lodge in Dickinson, N.D. Registration begins at 8:30 a.m. A welcome from Haylie Shipp with the Northern Ag Network will follow at 9 a.m.

A registration fee of \$15 covers all breaks, the noon lunch and materials and is payable at the door.

Farmland leasing workshops

Landowners, renters and other agribusiness professionals with an interest in farmland ownership, management and leasing should consider attending a farmland-leasing workshop sponsored by the NDSU Extension Service. Workshops scheduled for January through March are:

January

15, 1 p.m., Carrington Research Extension Center

16, 1 p.m., Burke County Courthouse, Bowbells

17, 9:30 a.m., Dakota Farms meeting room, Rugby

23, 9 a.m., City Hall, Forman

23, 1:30 p.m., Fireside Restaurant, Ellendale

28, 1 p.m., McKenzie County Courthouse, Watford City

29, 9 a.m., Divide County Courthouse, Crosby

February

11, 1 p.m., Morton County Fairgrounds, New Salem

12, 9:30 a.m., Civic Center, Beulah

13, 1 p.m., American Legion, Finley

19, 1 p.m., Walsh County Extension office, Park River

March

7, 9 a.m., Winter Show Building, Valley City

Dwight Aakre and Andy Swenson, Extension farm management specialists, and Willie Huot, Grand Forks County Extension agent, will be the main presenters.

Wild World of Weeds workshop

The annual Wild World of Weeds workshop is scheduled for Wednesday, Jan. 16, at the Fargodome, according to Rich Zollinger, NDSU Extension Service weed specialist.

The workshop is intended for agricultural professionals who advise growers on weed control and herbicide use, crop consultants, agronomists, agricultural dealers and distributors, Extension agents and industry representatives.

The agenda and a registration form are available at www.ndsu.edu/weeds. For more information, contact Zollinger at 1-8157 or r.zollinger@ndsu.edu.

Northern States Beef Conference

The first Northern States Beef Conference is scheduled for Jan. 17-18 at the Watertown Regional Extension Center in Watertown, S.D.

The 1 1/2-day conference is for producers with cow-calf, feedlot, backgrounding and stocker cattle operations, as well as Extension personnel, members of allied industries and other beef industry stakeholders.

For more information about the conference or registration process, contact Carl Dahlen at carl.dahlen@ndsu.edu or 1-5588 or Julie Walker, SDSU Extension beef specialist, at julie.walker@sdstate.edu or 605-688-5458. To register online, go to <http://igrow.org/product/2013-northern-states-beef-conference>.

Crop Insurance Conference

The latest information on crop insurance will be presented at the NDSU Extension Service's 20th annual Crop Insurance Conference Jan. 21 in Fargo.

The conference will be held at the Ramada Plaza Suites. Registration opens at 7:45 a.m. Presentations begin at 8:30 a.m. and continue until 4 p.m.

The goal of the conference is to help participants integrate crop insurance and other risk management strategies in production and marketing decisions.

The conference is for crop insurance agents, farm managers, producers, legislators, agricultural lenders, industry regulators, commodity group representatives, farm management instructors and public officials.

The registration fee is \$110, which includes lunch, breaks and conference materials. For more information or to register, call 1-8642 or online at <http://tinyurl.com/dxrnkh>.

Precision Agriculture Summit

The Red River Valley Research Corridor has scheduled the second annual Precision Agriculture Summit Jan. 21-22 at the Farmers Union Conference Center in Jamestown.

The agenda focuses on using in-field crop sensors for variable-rate fertilization to increase nitrogen use efficiency and on-farm field information and data management. The topics also include a presentation on livestock precision agricultural applications.

The conference is sponsored by the Red River Valley Research Corridor, NDSU Extension Service, North Dakota Farmers Union and Lake Region State College's Dakota Precision Ag Center.

For more information or to register, visit <http://theresearchcorridor.com/precisionagsummit2013> or contact Ryan Aasheim at 701-499-6994 or ryan@theresearchcorridor.com.

Soybean production meetings

Soybean producers interested in intensive soybean management should plan to attend one of three "Getting it Right" soybean production meetings scheduled for Edgeley, Carrington and Rugby, N.D.

At the meetings, NDSU Extension Service faculty and staff will discuss soybean research and 2013 production issues.

The meeting dates are:

- Tuesday, Jan. 29, from 10 a.m. to 3 p.m. in the Teddy's Restaurant and Lounge meeting room in Edgeley (on the corner of U.S. Highway 281 and North Dakota Highway 13)

- Wednesday, Jan. 30, from 8:55 a.m. to 3:35 p.m. at the Carrington Research Extension Center – this is a joint educational event with the Best of the Best in Wheat, Barley and Soybean Research workshop
- Thursday, Jan. 31, from 9:30 a.m. to 2:30 p.m. at the Eagles Club in Rugby (along U.S. Highway 2 on the west side of Rugby)

The programs are free and open to the public. Preregistration is not necessary.

Bull-buying workshop

A bull-buying workshop is scheduled for Wednesday, Jan. 30, at the NDSU Dickinson Research Extension Center. "How to Buy Bulls by the Numbers; Reproductive Strategies for Success" will begin at 10 a.m. and conclude at 5 p.m.

Space for the workshop is limited, so preregistration is required. To register, contact Lee Tisor at lee.tisor@ndsu.edu or 701-483-2348, ext. 105.

The NDSU Extension Service and ABS Global Inc. are sponsoring the event.

Ag drainage workshops

The NDSU, University of Minnesota and South Dakota State University Extension Services have teamed up to hold agricultural drainage design and water management workshops at three sites in 2013.

The dates and locations of the workshops are:

- Feb. 12-13, Courtyard Marriott, 1080 28th Ave. S., Moorhead, Minn.
- Feb. 27-28, Best Western Ramkota, 1400 8th Ave. N.W., Aberdeen, S.D.
- March 5-6, Best Western, 1111 Range St., North Mankato, Minn.

The workshops begin at 8 a.m. the first day and end at 5 p.m. the second day.

For more information and to register, visit www.regonline.com/drainageworkshop. For more information about the workshops, contact Tom Scherer, NDSU Extension agricultural engineer, at thomas.scherer@ndsu.edu or 1-7239 or Hans Kandel, NDSU Extension agronomist, at hans.kandel@ndsu.edu or 1-8135.

Ag employee management workshop

The NDSU Extension Service, along with other members of the I-29 Dairy Outreach Consortium, is hosting a four-session workshop to help North Dakota agricultural producers hire, motivate and retain employees.

The ag employee management workshop will be held March 20-21 and April 3-4 at the Quality Inn and Suites in Jamestown. The sessions will start at 1 p.m. March 20 and April 3 and conclude at noon the following day.

For more information, visit http://igrow.org/up/articles/Dairy_Producer_Employee_Workshop.pdf or contact Schroeder at jw.schroeder@ndsu.edu or 1-7663.

Speaker series to begin at Main Library

Starting this month, the NDSU Libraries will have a speaker visit the Main Library's Weber Reading Room monthly.

The presentations will be on a variety of topics, covering subjects from poverty and homelessness to poetry and jazz appreciation.

The first presentation in the series features Laurie Baker, executive director of the Fargo-Moorhead Coalition for Homeless Persons. Her talk is scheduled for Tuesday, Jan. 29, at 4 p.m.

The coalition is comprised of 60 agencies, organizations and individuals working to find permanent solutions to homelessness in our area. According to the U.S. Census Bureau, more than 16 percent of Fargo's population is living below the poverty level. Attendees will hear Baker speak about the local homeless situation, as well as students and youth as homeless persons.

All persons are welcome to attend the speaker series.

Science Café to poke holes in perceptions of poker



Christensen

In a smoky back room, eccentric and wild gamblers sit around a table with stacks of chips and cash. In a major casino, a televised tournament puts millions of dollars on the line. Sunglass-wearing players go all in after seeing two cards.

Both scenarios represent common perceptions of how poker is played, according to Warren Christensen. But in reality, the game is something quite different, he said.

"Most people associate poker with luck and gambling," he said. "These portrayals misrepresent how poker is actually played by professionals, and leads to the perception that it is 'just gambling' like blackjack or roulette."

Christensen, assistant professor of physics, will present "Luck Isn't a Lady, It's the Statistics of Small Samples: The Science and Mathematics of the Game of Poker," on Tuesday, Feb. 12, at 7 p.m. in Stokers Basement, Hotel Donaldson.

Christensen has been passionate about playing poker for more than 20 years. He will provide a look at modern-day poker, and how players use mathematics, as well as insights from science, to outplay their opponents. Christensen also will discuss why many people misunderstand the game and how it has led to heavy state and federal restrictions on how it can be played.

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.

Science Café, sponsored by NDSU's College of Science and Mathematics, features a presentation by a scientist and time for discussion with the scientist and other attendees. For more information on upcoming Science Cafés, which are held monthly, visit <http://earth.physics.ndsu.nodak.edu>.

Staff workshop to focus on managing finances and stress

NDSU staff members are invited and encouraged to attend this spring's Discover U staff development workshop, "Managing and Balancing Your Finances and Stress Management." The event, organized by Staff Senate, is scheduled for Wednesday, Feb. 13, from 7:15 a.m. to 1 p.m. in the Memorial Union Great Plains room.

Attendees will learn about tax-smart ways to save and invest, ways to manage money in 2013, taxes and tax preparation and stress management: balancing work and life.

The registration deadline is Friday, Feb. 8. The cost is \$20 per person. To register and pay online at www.ndsu.edu/staff_senate.

Youth aerospace science program scheduled

The NDSU Extension Service is giving youth an opportunity to learn about aerospace. NDSU Extension, along with the North Dakota 4-H Foundation and University of North Dakota School of Aerospace Sciences, is hosting a program April 28-29 in Grand Forks for youth 12 to 15 years old.

The 2013 4-H Aerospace Event will be held at the UND School of Aerospace Sciences. Participants will learn the basics of aircraft structure, navigation, aerodynamics and air traffic control; discover careers in aerospace science; take the controls in a digital aircraft simulator; attend a radio-controlled plane presentation; tour the UND Aerospace facility; and build and launch rockets.

The registration fee is \$35, which includes materials, lodging, an evening meal April 28, a continental breakfast April 29 and a snack. Youth must be accompanied by a chaperone who is required to register and pay the same fee. One chaperone should accompany every four or five youth.

The registration deadline is April 9. Registrations will be accepted on a first-come, first-served basis.

For more information or to register, visit the NDSU Center for 4-H Youth Development website at www.ndsu.edu/4h.

ANNOUNCEMENTS

Policy updates

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

Policy 129: Salary Administration Policy

This change removes language that allows for post-probationary increases.

Policy 183: Nonrenewal and Dismissal of Nonbanded, Nonacademic Staff

This change reduces the notice required for "without cause termination" of system and institution officers excluded from the broadbanding system from 12 to six months, if an employee has been in that position for two years or more.

File services migration set for March

NDSU file services, including individual and departmental shared files in Novell, will be moved to the new Windows File Services system in early March.

Personal user (U:) drive data will be moved the weekend of March 1-3. Department shared (S:) drive and cross-department shared (X:) drive data will be moved the weekend of March 8-10, which is the weekend leading into spring break.

NDSU file services will be unavailable during these migration weekends.

During the past several months, NDSU's Information Technology Division completed a pilot project internally and with several select departments testing the migration process for users campuswide.

Since September, Information Technology Services' Desktop Support team has been circulating through campus buildings to prepare ITS-supported computers for the migration by joining them to the Active Directory domain. Desktop Support will continue this process through February. Departments that use Novell but are not supported by ITS Desktop Support should work with their departmental IT support staff to prepare for this migration.

After they are migrated, file services drives should appear automatically on Windows computers that have been joined to the Active Directory domain. Users with Mac, Linux or Windows computers that have not been joined to the domain will need to manually connect to their drives using the instructions provided at www.ndsu.edu/its/file-services.

The migration from Novell to Windows File Services will significantly reduce costs for the university, while enabling users to continue to benefit from reliable file storage, back-up and sharing.

If you have questions or need assistance, contact the NDSU IT Help Desk at 1-8685 or ndsu.helpdesk@ndsu.edu.

Information Technology Division seeks award nominations

NDSU's Information Technology Division invites faculty and staff to help identify individuals or teams within the division who deserve special recognition for the individual I.C.E (Innovation, Collaboration, Excellence) Award or IT Team Award.

The awards recognize achievement and success – both at the individual and team levels. The I.C.E. Award recognizes an individual IT employee who has performed in an exemplary manner to resolve an IT challenge of significant impact. The Team Award goes to a group that has a well-defined goal and excels at working together to achieve results of value for the IT Division, a department or constituents of the campus.

Nominations for both awards will be accepted through Feb. 1. Check out the video and use the new and simplified online nomination process at www.ndsu.edu/vpit/awards to make your recommendation.

For more information contact Cathy Hanson, IT Staff development coordinator, at 1-9470 or cathy.hanson@ndsu.edu.

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.

**HPC Systems Administrator
(two positions)**

Center for Computationally Assisted Science and Technology
Commensurate with experience
Open until filled

Research Specialist

Biologics and Biomedical Outreach
Commensurate with experience
Jan. 18

Help Desk Consultant

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

System Administrator (two positions)

Enterprise Computing and Infrastructure
Commensurate with experience
Open until filled

Coordinator, Athletic Academics

Orientation and Student Success
\$32,000+/year
Feb. 8

Associate Director, Athletic Academics

Orientation and Student Success
\$45,000+/year
Feb. 8

Hall Director

Residence Life
\$31,500+/year
Feb. 1

Assistant Greenhouse Manager

Agricultural Experiment Station
Admin Facilities
Commensurate with qualifications and experience.
Jan. 22

Research Specialist

AES Animal Science
\$36,000+/year
Jan. 21

Research Specialist

AES Plant Science
\$32,000+/year
Jan. 15

**Food Technologist Technician -
Plant Science**

AES Plant Science
Commensurate on experience
Feb. 11

Administrative Secretary

Extension Plant Science
\$32,000+/year
Jan. 18

Administrative Assistant - Williston REC

Agricultural Experiment Station Williston
R/E Center
Commensurate with experience
Open until filled

Systems Mechanic

Facilities Management
\$40,000+/year
Open until filled

Baker

Dining Services
\$11.50+/hour
Open until filled

Lead Caterer

Dining Services
\$10.50+/hour
Open until filled

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

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