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UNIVERSITY LETTER

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Thursday, September 24, 49636

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TOP STORIES

UND will operate NASA DC-8 research jet

The University has been awarded control of the use of NASA's top DC-8 research aircraft - a move worth more than \$30 million to UND over the next five years.

The airborne laboratory is designed to collect data for a wide range of atmospheric, environmental, biological and even archaeological research missions. The Upper Midwest Aerospace Consortium (UMAC) at UND will manage the plane, which will be stationed at the Grand Forks Air Force Base. UND will receive approximately \$4 million a year from NASA to house and maintain the laboratory, along with up to \$2.5 million a year for individual missions.

"This is big! I couldn't be more excited if I were still a kid and had just been told I was going along with NASA on a trip to the moon," said President Charles Kupchella. "The idea to base NASA's DC-8 here evolved quickly because of the obvious complementary strengths, abilities, and interests among UND's Aerospace program, NASA, and the U.S. Air Force. UND is essentially being given an opportunity to operate a premier scientific resource with NASA for the entire world. The research resource in question will address important questions about weather, climate, and the atmosphere - and the resource will be based right here as it looks for answers to these questions throughout the world."

Kupchella credited George Seielstad, UMAC director and associate dean of the Odegard School of Aerospace Sciences, with spearheading the effort to attract the DC-8, and also cited Phil Harmeson, senior associate to the president, who played a critical contact role as the proposal worked its way through federal agencies.

In making the bid, Seielstad leveraged UMAC's work in earth systems science and policy, the fact UND's Odegard School is nationally recognized as the top aviation program, has a strong atmospheric sciences department with the only university-operated weather research jet, and has the world's only master's degree in space studies, the work of the UND School of Engineering and Mines, which is about to put its AgCam on the International Space Station and which is partnering with NASA and UND's Odegard School to design the spacesuit of tomorrow, and the proximity to and

partnerships with the Grand Forks Air Force Base.

"This University has a unique combination of skills and facilities that makes us a perfect match. This was a package no one else could pull together," Seielstad said. "We were also able to sell the value of higher education to NASA. It was really research and education that was the main objective [of operating the DC-8]. NASA thought that housing the plane elsewhere divorced it from that objective. This gives North Dakota a very high profile nationally. Hundreds of people will vie to use this aircraft."

"With \$32.5 million from this award - \$6.5 million each year for five years- the University's research portfolio is now worth more than \$330 million. We are in the top three of 10 research institutions in a five state area in terms of expenditures stemming from federal research dollars, behind only the University of Minnesota, which is much larger than we are, and the Montana State University," said Dr. Peter Alfonso, UND Vice President for Research. "This is a huge boost in this rocketing research enterprise, and will have a significant impact as we leverage it for research and our teaching mission." Alfonso said UND's research enterprise generated \$167 million in economic output last year, including 1,630 new jobs, \$4.8 million in local and state taxes, and over \$15 million in federal taxes. "This project will add to that in the neighborhood of ten percent," he said.

Kupchella and Seielstad gave credit to U.S. Sen. Byron Dorgan, who has brokered strong relationships with NASA for more than a decade. A member of the Senate appropriations committee, Dorgan has earmarked more than \$10 million in NASA funds for UMAC since 2002. These earmarks have been used to secure several competitive awards and allowed UMAC to submit a proposal to oversee and operate the DC-8. Dorgan worked closely with NASA officials, the Air Force Base, and Seielstad, director of the Northern Great Plains Center for People and the Environment at UMAC, in the effort to bring the plane to UND. Those ties led to NASA Administrator Sean O'Keefe delivering the UND's spring commencement talk, and arranging for the graduating class to get the first-ever greetings from space - from the International Space Station.

Dorgan said the move will lead to the creation of at least a dozen new jobs, as well as countless opportunities for UND students and researchers. The five-year partnership with UND and UMAC reflects the first time NASA has based the plane with a research institution, and "moves UND to the forefront of international scientific research," Dorgan said.

"NASA's decision to station the DC-8 at the Grand Forks Air Force Base is terrific news for the entire UND community and really for the whole world, which will no doubt benefit from the research that is to be done there," Dorgan said. "UND now has the opportunity to be part of scientific research on the global scale."

The plane will move from NASA's Dryden Flight Research Center in Edwards, Calif., to Grand Forks in March 2005. Its first mission under UND's oversight is scheduled to begin in June or July of 2005. That mission will launch from Costa Rica and include more than 100 scientists and 25 scientific instruments in a study of hurricane origins.

North Dakota Gov. John Hoeven, North Dakota University Chancellor Dr. Robert Potts, and Grand Forks Air Force Base Acting Wing Commander Col. Scott Reese applauded the news.

"Securing this prestigious NASA agreement is certain evidence of how Centers of Excellence can promote new enterprises and create better-paying jobs in North Dakota," Gov. Hoeven said. "We worked to convince the administration that North Dakota is the right location for this important project and that UND can meet the exacting demands of some of the world's most talented engineers and scientists."

"NASA's decision to place its premier research aircraft in North Dakota is wonderful news for UND and the entire state," said Chancellor Potts. "The Roundtable on Higher Education focused the University System on becoming a more powerful engine for economic development in our state. This partnership between NASA and UND has all the key components of the roundtable vision - educational excellence, research opportunities, and high-level, professional positions. This type of synergy is exactly what is needed to help create a brighter future for North Dakota and our people."

"We are happy to be able to provide support to UND and this program and we look forward to aiding UND and NASA with this program," said Col. Reese, Vice Commander, 319th Air Refueling Wing at the Grand Forks Air Force Base. "We have been fortunate to enjoy a strong relationship with both the university and the community. This is another example of that continuing partnership."

Robert Solberg will speak at winter commencement Dec. 17

Robert A. Solberg, retired vice president of Texaco Inc., and a 1969 graduate, will give the main address at winter commencement, 2 p.m. Friday, Dec. 17, Chester Fritz Auditorium.

Solberg was born in Grand Forks, raised in Lakota, and graduated from the University in 1969 with a bachelor's degree in civil engineering. He then joined Texaco, Inc. where he held increasingly responsible positions in the United States and throughout the world. After his retirement in 2002 he joined the board of directors of Pioneer Natural Resources Company, a Dallas-based international oil company and JDR Cable Holdings, Ltd., a British oil field supply company where he is now chairman. He has recently become a partner in two start-up investment companies and will continue to work with industry growth initiatives in other ways. Solberg currently serves on the UND Alumni Association and Foundation board.

Ribbon-cutting celebrates renovated UND Fargo Center

President Charles Kupchella helped celebrate the newly renovated UND Fargo Center with a reception and ribbon-cutting ceremony Nov. 29. Robert Boyd, vice president for student and outreach services, and James Shaeffer, associate vice president for student and outreach services and dean of outreach services, also took part in the ceremony.

Located at 1919 North Elm Street, the UND Fargo Center offers a number of credit and non-credit courses, 18 degree programs and over 62 certificates. Courses are delivered online, by mail correspondence, face-to-face and through the North Dakota Interactive Video Network. In addition, the UND Fargo Center also offers conference and workforce development services. For more information, call (701) 293-4186 or visit www.undfargo.und.edu.

Medical school named national center of excellence in women's health regional demonstration project

The School of Medicine and Health Sciences has been named a National Center of Excellence in Women's Health Demonstration Project for Region VIII of the Public Health Service.

The designation was made recently by the Office on Women's Health, a division of the U.S. Department of Health and Human Services.

The family medicine department, chaired by Elizabeth Burns, has received nearly \$500,000 for the four-year project to develop a comprehensive, coordinated and integrated program to improve health care for women in North Dakota.

The project, which encompasses Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming, will focus on five key areas:

1. recruitment, retention and promotion of women faculty;
2. professional education and training in women's health;
3. community outreach;
4. clinical care, and
5. research

The clinical care component will be carried out in partnership with Altru Health System under the leadership of Michael Brown, chair of the Altru obstetrics and gynecology department, Grand Forks.

"Altru has developed an integrated model for excellence in clinical care that we will adapt for women's health," Burns said. "Together, we play to develop a model of care that can be adopted by clinical offices where women of all ages receive their health care."

Other component directors are: recruitment and retention (professional development), Mary Ann Sens, professor and chair of pathology; education, Rosanne McBride, assistant professor of family medicine; community outreach, Mary Wakefield, director of the Center for Rural Health; and research, Sharon Wilsnack, professor of neuroscience. Jim Beal, assistant professor of family medicine, serves as deputy co-director with McBride and will lead the program evaluation team.

"These programs do amazing work," said Burns, who was part of the Center of Excellence at the University of Illinois at Chicago which started in 1998. "They are established to bring together those working, teaching and doing research on women's health issues. We have a lot of strength in those areas at UND and at Altru. This contract is a way for all of us to make an important difference at the statewide level."

The new demonstration project, along with a similar one recently established at the University of South Dakota, will focus on the needs of women in rural areas as well as the needs of diverse populations, especially American Indian women.

"This is a tremendous honor for the UND School of Medicine and Health Sciences," said H. David Wilson, vice president for health affairs and dean of the medical school. "We are very pleased to be selected for this incredible opportunity to

impact, in a comprehensive way, the quality of health care – and therefore the quality of life – for women throughout the state.”

The goal of the center is to involve all health professionals statewide who provide care to women of all ages, Burns said. “We plan on developing a resource center for women, a clinical care model that is interdisciplinary and focuses on prevention, and research opportunities to see what really works for women here in North Dakota.”

Other Center of Excellence programs were established in 1997, 1998 and 2003 in academic health centers such as Boston University Medical Center, Harvard Medical School, Brown University, the University of California at Los Angeles and San Francisco, Oregon Health and Sciences University, Virginia Commonwealth University, and the universities of Arizona, Illinois, Louisiana, Michigan, Minnesota, Mississippi, Washington and Wisconsin.

More information on the Center of Excellence may be found at <http://www.4woman.gov/coe/links.htm>. — School of Medicine and Health Sciences.

Faculty, administrative staff invited to participate in winter commencement

UND faculty and administrative staff are encouraged to march in academic regalia in the winter commencement ceremony Friday, Dec. 17, at 2 p.m. in the Chester Fritz Auditorium. Faculty and administrators should assemble in the lower level of the Auditorium by 1:30 p.m. University marshals will be on hand to direct participants to their places in the procession.

Please contact the office of ceremonies and special events in the vice president for student and outreach services office at 777-2724 by Friday, Dec. 10, or send an e-mail message to Terri.Machart@mail.und.nodak.edu if you plan to participate so that the appropriate number of seats can be reserved.

I encourage participation by faculty and administrative staff to help make this a memorable occasion for our graduates and their guests. — Charles E. Kupchella, president.

Volunteers needed for winter commencement

Please consider serving as a “green vest volunteer” at winter commencement Friday, Dec. 17, at the Chester Fritz Auditorium. Volunteers seat guests, help organize our graduates, and greet campus visitors who attend the ceremony.

Commencement begins at 2 p.m. and all volunteers are asked to report to the lower level of the Chester Fritz Auditorium by 12:30 p.m. for a short briefing and to receive assignments. We anticipate that commencement will conclude by approximately 3:30 p.m.

Please contact the office of ceremonies and special events in the vice president for student and outreach services office at 777-2724 or e-mail terri.machart@mail.und.nodak.edu by Monday, Dec. 13, to let us know if you will be able to participate. Please feel free to call if you have any questions. — Fred Wittmann, office of the vice president, student and outreach services.

TOP 

EVENTS TO NOTE

Lewis & Clark lecture series held at Museum

The North Dakota Museum of Art presents a lecture series in conjunction with the exhibition, Lewis & Clark: Rivers, Edens, Empires. The lectures are organized by a committee of community and faculty members from the history and Indian studies departments.

Thursday, Dec. 2, 7 p.m.

Birgit Hans (Indian studies) will discuss *A Vast and Open Plain*. Edited by North Dakotan Clay Jenkinson, the book features all Lewis & Clark journal entries written within North Dakota's borders. As a former German citizen, Hans is interested in European perceptions of American Indian cultures. She will discuss American Indian customs as described

by Lewis & Clark during their stay in North Dakota.

"Before Lewis & Clark" will be presented by Sebastian Braun (Indian studies). He was born and raised in Basel, Switzerland, and studied ethnology, history and philosophy at the University of Basel before coming to the United States. He wrote his thesis on traditional intercultural relations in Alaska and the Yukon and his dissertation on contemporary tribal bison ranching and human-animal relations on the Great Plains.

"Archaeology Along the Lewis and Clark Trail: The Physical Evidence of the Expedition," will be presented by Dennis Toom, director of archaeological research and senior principal investigator in anthropology. For over 25 years Toom has specialized in the prehistoric archeology of the northern Great Plains. He is widely recognized as one of the foremost authorities on the archeology of the Middle Missouri subarea of the Plains and the Plains village traditions.

Sunday, Dec. 5, 2 p.m.

"The Most Important Event: Lewis and Clark in North Dakota," by Kim Porter (history), who specializes in agricultural and oral history and the history of North Dakota, with a particular interest in the Lewis & Clark expedition.

"Jefferson's World," by Tom Howard (history, retired). Throughout his career he primarily focused on American colonial history and the American Revolution. Howard also directed the history graduate program for many years.

"Sacagewea's Statue," by Gordon Iseminger (history) who earned significant recognition as a North Dakota historical scholar. He joined the UND faculty in 1962 and is one of the longest-serving faculty members at the University.

"Found Poetry from Patrick Gass' Journals," by Darin Kerr (English and honors), Kerr has acted and directed in the region for many years. He is currently working on his own manuscript, a collection of poems about the life of Louisa Adams, wife of John Quincy Adams.

Thursday, Dec. 9, 7 p.m.

"The Indian World Reacts to Lewis and Clark," by Greg Gagnon (Indian studies). Gagnon's talk will center on the questions, "How might Indian leaders have reacted to Lewis and Clark? How might they have given Lewis and Clark significance?"

Excerpts from William Borden's musical play, *Sakakewea*. Borden is a novelist, playwright, poet, and essayist whose plays have won over 20 national competitions and more than 180 productions. A core playwright at The Playwrights' Center in Minneapolis, he is Playwright in Residence with Listening Winds Theatre and fiction editor of *The North Dakota Quarterly*.

Tracy Potter, author of *Sheheke, Mandan Indian Diplomat: The Story of White Coyote, Thomas Jefferson, and Lewis and Clark* will read from his book, followed by a book signing. On Oct. 24, 1804, the life of Sheheke, a Mandan chief, changed forever with the arrival of the American explorers Meriwether Lewis and William Clark. In 1806, Sheheke would travel from North Dakota with Lewis and Clark to meet President Thomas Jefferson in Washington, D.C. Potter's study shows the changes that Sheheke experienced and his views of the Americans.

The North Dakota Museum of Art is located on Centennial Drive on the UND campus. Hours are 9 a.m. to 5 p.m. weekdays and 11 a.m. to 5 p.m. on weekends. During the Lewis & Clark exhibition, hours will be extended on Thursday nights until 9 p.m. There is no admission charge but the suggested donation for this exhibition is \$5. For additional information call 777-4195. – North Dakota Museum of Art.

Doctoral examinations set for two candidates

The final examination for Jodi Bergland Holen, a candidate for the Ph.D. degree with a major in teaching and learning: higher education, is set for 9 a.m. Thursday, Dec. 2, in Room 206 Education building. The dissertation title is "Millionaire Mavericks in Higher Education: Ralph Engelstad and the University of North Dakota." Kathleen Gershman (educational foundations and research) is the committee chair.

The final examination for Lynette M. Krenelka, a candidate for the Ph.D. degree with a major in education, is set for 10 a.m. Thursday, Dec. 9, in Room 206, Education building. The dissertation title is "A Case Study of the Short Life of the U.S. Open University: Perspectives of Administrators, Board Members, Associate Faculty and Staff." Katrina Meyer (educational leadership) is the committee chair.

The public is invited to attend. – Joseph Benoit, dean, graduate school.

Biology seminar focuses on "Zero Tolerance Ecology"

The biology department will host a seminar Friday, Dec. 3, at noon in 141 Starcher Hall. Andrew Tyre will present "Zero Tolerance Ecology: How to Tell When Birds are Really Not There With the Least Possible Effort."

Dr. Tyre is from the School of Natural Resource Sciences at the University of Nebraska-Lincoln. His research uses theoretical models to understand real ecological systems at scales larger and longer than can be addressed with traditional experimental and observational studies. His modeling approach typically begins with observations of real systems, followed by the use of modern statistical methods to quantitatively fit ecological models to empirical data. Dr. Tyre's work with survey data allows him to develop simple models fit directly to ecological data. His other interest is in identifying the limits of what simple models can tell us about ecological systems, which has included using spatially explicit simulation models to create artificial realities sampled by virtual ecologists. This approach has allowed him to directly link the kinds of data collected by ecologists with the underlying dynamic processes. – Biology department.

Visiting geography professor surveys economics of India piece by piece

A native of India, visiting geography professor Sudhir Thakur will lecture on "Structure and Structural Changes in India: A Fundamental Economic Structure (FES) Approach," Friday, Dec. 3, at 3 p.m. in 157 Ireland Hall. Thakur will take a unique approach to studying economies by considering the spatial, or regional characteristics of an economy, using his findings for the recommendation of policy and development analysis.

He hopes to continue his work at UND applying his unique look at regional economics to the problems of North Dakota.

The FES approach to studying economies advocates the measurement of economic structure, or as Thakur explained, "the notion that selected characteristics of regional economies will vary predictably with economic size." As an economic geographer, he seeks to find noticeable relationship patterns between a region's size and the economic transactions of that region. Thakur has found patterns in India, and hopes to find patterns in North Dakota that allow regional analysts to predict economic change. "Economic geographers can provide insight to the problems and potential solutions to arrest the trend of economic decline and suggest viable policies to improve economic vitality," said Thakur.

Thakur uses the FES approach because traditional input-output tables take time, money and manpower to compile for national and regional economies. It takes, at times, several years for national governments to acquire and produce economic information about an area. The regional approach that an economic geographer takes allows the information to become detailed, more ready and applicable. "A single individual cannot acquire information for all firms and institutions in a nation about where a firm got its inputs and to whom it sold its outputs," Thakur has learned. His work has extracted economic patterns from national and regional input-output tables for understanding structure and structural changes in India.

To come to his findings, Thakur looked at differences in the endowment of natural resources across a region. This included agriculture, forestry, mining and tourism. By using regional analytic techniques, spatial analysis methods and geographic information systems (GIS), economic geographers could better understand a region's economy.

With the flight of young and skilled people, the loss of employment opportunities, and businesses relocating outside of the state, North Dakota has much to be concerned with economically. Thakur hopes to continue his work here at UND finding solutions to North Dakota's economic development. He hopes to do this by applying his knowledge of economic geography and FES.

Thakur began his studies in India, receiving a bachelor's in mathematics and economics from Delhi University in 1987 and a master's from Panjab University in 1996. He studied geography for a second master's at the University of Akron in 1998 and received a doctorate from Ohio State University in 2004. Since leaving Ohio State, Thakur has been a visiting assistant professor in economic geography at UND. – Geography.

Flu vaccine clinics held Dec. 3

Student health services will hold an influenza vaccine clinic on Friday, Dec. 3, in conjunction with the Craft Fair in the Memorial Union. It will be held near the Fireside Lounge on the second floor from 9 a.m. to 2 p.m. or until supplies are gone. There is a limited amount of the injectable vaccine – available only to persons at high risk for complications from influenza, and nasal FluMist – for healthy students, faculty and staff between the ages of 18 and 49. The cost is \$15 for either vaccine, which can be paid on site or charged to your UND account. Insurance will not be filed. – Student health services.

Annual holiday Art & Craft Fair is Dec. 3

Crafters from UND and the surrounding community will display items at the 26th annual holiday Art & Craft Fair, Friday, Dec. 3, in the Memorial Union Ballroom from 9 a.m. to 5 p.m.

Items featured include jewelry, pottery, stained glass, wooden items, holiday decorations, photography and more. Admission is free and door prizes will be awarded throughout the day. It is sponsored by the University craft center and Memorial Union. For more information please contact me. – Bonnie Solberg, Memorial Union, 777-2598.

Bookstore hosts holiday open house

The Barnes & Noble UND Bookstore will host a holiday open house Friday, Dec. 3, from 8 a.m. to 8 p.m. Receive 20 percent off hardcover trade titles, games, selected clothing, and giftware. Meet authors on small press day, with local and regional authors here to sign books. Enjoy free cookies and cider served while quantities last, and register for free drawings.

We'll have 50 percent off three selected Starbucks drinks: gingerbread latte, peppermint mocha, and eggnog latte of any size.

Divertimento youth group presents recital

Students in the Divertimento youth chamber music program will present their winter recital Saturday, Dec. 4, at 7 p.m., Hughes Fine Arts Center. Five string quartets, comprised of 20 students in grades 5-12, will perform music of Mozart, Haydn and Schubert. Admission is free. Suzanne Larson and Naomi Welsh co-direct the Divertimento program; coaching the groups are Greater Grand Forks Symphony members Gerald Gaul, Eric Lawson and Suzanne Larson.

Divertimento is a project of the Greater Grand Forks Symphony Association's Youth Orchestra Program. It was founded four years ago by GGFSO principal cellist Naomi Welsh to provide intermediate and advanced strings musicians with an opportunity to work together in small ensembles coached by members of the Symphony as well as visiting professional musicians. It has received support from the Grand Forks Parks District Ulland Fund, The Buffalo Commons Chamber Music Society, the North Dakota Council on the Arts, and Marshall Fields.

For more information, check the Symphony website at www.grandforkssymphony.org or email ggfso@und.nodak.edu. — Greater Grand Forks Symphony.

Graduate committee meets Monday

The graduate committee will meet Monday, Dec. 6, in 305 Twamley Hall at 3:05 p.m. An agenda will be forthcoming. — Joseph Benoit, graduate school.

Fly to Alaska for hockey game

Join the Fighting Sioux hockey team in Alaska Feb. 16-19.

The UND hockey staff has put together a charter to Anchorage; here are the details:

- Roundtrip airfare, hockey tickets to both games and transportation to and from the airport, hotel and hockey games for \$650. The flight leaves around 6 p.m. Wednesday, Feb. 16, from Minneapolis and picks up the team and Grand Forks guests at around 8 p.m. Arrive in Anchorage around 10:30 p.m. The plane will return after the game on Saturday, Feb. 19. You may fly from Minneapolis or Grand Forks. The plan will originate in Minneapolis and then pick people up in Grand Forks – board on the plane wherever it's most convenient for you.
- Hotel block reservations have been made at the hotel with the team. Up to four people can stay in a room for \$80 per night at the Sheraton Anchorage Hotel downtown.

Please call Cheryl Gilbertson in the UND hockey office at 777-3103 or e-mail her at CherylGilbertson@mail.und.nodak.edu by Monday, Dec. 6. The charter needs to be almost full by this date or it may be cancelled. — Alumni Association.

Empire lists winter schedule

The Empire Arts Center in downtown Grand Forks will host a wide variety of hot entertainment to help warm up your cold winter nights during December 2004 and January 2005. Entertainment forms include dance, comedy, film, and live music. Highlights include appearances by dance groups Dance Etc. and the North Dakota Ballet, and the Greater Grand Forks Symphony Orchestra concerts. The Empire will also be a host site for First Night Grand Forks. Stop by this winter to warm your toes and sample some of the best local entertainment in Grand Forks.

Monday and Tuesday, Dec. 6-7, and Thursday and Friday, Dec. 9-10: Dance Etc. Holiday Show, 7 p.m.

Sunday, Dec. 26: Nine and Numb Improv Comedy, 3 p.m.

Tuesday and Wednesday, Dec. 28-29: North Dakota Ballet, 2 p.m.

Thursday, Dec. 30: Showtime @ the Empire, 8 p.m.

Friday, Dec. 31: Movies, 10 a.m. and First Night, 6 p.m.

Thursday, Jan. 27: Showtime @ the Empire, 8 p.m.

Saturday and Sunday, Jan. 29-30: Greater Grand Forks Symphony Orchestra, 7:30 p.m. Jan. 29 and 2 p.m. Jan. 30.

A photography display of North Dakota scenes titled "Footprints" will be on display in the Empire art gallery throughout the months of December and January. For more information on the Empire or our schedule, please contact Mark Landa at (701) 746-5500.

U2 lists workshops

Below are U2 workshops for Dec. 6-15. Visit our web site for additional workshops in December, January and February. Please reserve your seat by registering with U2 by phone, 777-2128; e-mail, U2@mail.und.nodak.edu; or online, www.conted.und.edu/U2/. Please include workshop title and date, name, department, position, box number, phone number, e-mail address, and how you first learned of the workshop. Thank you for registering in advance; it helps us plan for materials and number of seats.

Please note: We have reason to believe that we did not receive some online registrations from Nov. 8 through Nov. 16. If you registered for a workshop and have not received a confirmation from us, please either register again or contact me at 777-2128.

Word XP, Beginning: Dec. 6, 8, and 10, 9 a.m. to noon, 361 Upson II (nine hours total). Learn basic features of the program, create a document, edit and format text, format paragraphs, add tables, use templates and wizards, proof a document, set display and print options, and mail merge wizard. Presenter: Maria Saucedo.

Defensive Driving: Dec. 6, 12:30 to 4:30 p.m., 211 Skalicky Tech Incubator (formerly Rural Technology Center). This workshop is required by state fleet for all UND employees who drive state vehicles on a regular (monthly) basis, received a traffic violation, or had an accident while operating a state vehicle. Employees are encouraged to bring a family member. This workshop may also reduce your North Dakota insurance premiums and could possibly remove points from your driving record. Presenter: Jason Uhlir.

GroupWise 6.5, Beginning: Dec. 7, 1 to 3 p.m., 361 Upson II. Students will navigate through the GroupWise environment, create and send messages, reply to and forward messages, use the address book, create a personal address book, create a mail group, work with calendar, schedule posted appointments and recurring events, work with junk mail folder and other mail handling features. Presenter: Maria Saucedo.

A Season for Safety, The Christmas Holidays: Dec. 9, 10 to 11:30 a.m., Memorial Room, Memorial Union. Included in this class will be safety involving Christmas trees, lights, and holiday decorations. Other issues related to assuring that your family has a safe and Merry Christmas will be covered. Presenters: Mike Powers and Jason Uhlir.

GroupWise 6.5, Intermediate: Dec. 9, 1 to 3 p.m., 361 Upson II. Students will work with advanced message options, set mail properties, customize message headers, use Web access interface, create and use rules to automate email responses, and set access rights. Work in depth with junk mail folder and archive feature. Presenter: Maria Saucedo.

Duplicating Procedures: Dec. 15, 1:30 to 2:30 p.m., River Valley Room, Memorial Union. Services offered at duplicating services. Learn the process of online job submission and how to create PDFs. Presenters: Shawn Leake and Sherry Metzger.

— Julie Sturges, U2 program assistant.

Connect "U" sessions discuss PeopleSoft each Tuesday

Connect "U" ND weekly information sessions will be held Tuesdays at 9 a.m. in the Memorial Union Lecture Bowl. At each session, presenters will discuss preparation for and the upcoming implementation of ConnectND.

Barbara Crow reads from new poetry collection

Barbara Crow will read from her new chapbook of poems, *Going On*, at the North Dakota Museum of Art Tuesday, Dec. 7, at 5 p.m. *Going On* is the latest publication by Dacotah Territory Press of Moorhead, Minn., a small, independent, non-profit publisher of contemporary poetry from the Upper Midwest.

Crow, a native of New Zealand, is also the author of a collection of poems, *Coming Up For Light and Air*, which was a winner in the Minnesota Voices Project Competition. Her poetry and prose have been published in literary journals, magazines and anthologies. Crow is a commentator for North Dakota Public Radio.

"These exquisitely honed poems, 'ravenous . . . for beauty,' and for life, satisfy a hunger in both reader and writer with lush references to food and the sense of taste. This poet's world takes one beyond grieving and loss in language clear, precise, and always fresh . . ." writes Madelyn Camrud, author of *This House is Filled With Cracks*, of Crow's *Going On*. "Whether in the simplest domestic settings, or in travel images, the poems in this collection, like minimalist paintings, startle a reader with their individual beauty, yet come together like a well-hung gallery wall. The reader is satisfied by the collective colors, shapes, and images, and fed by the poet's own instinctual hunger for life and beauty."

Debra Marquart, author of two books of poetry, *Everything's a Verb*, and *From Sweetness*, and a book of fiction, *The Hunger Bone: Rock and Roll Stories*, writes of Crow's new collection: "If these poems are often about the necessity of staying put, they are equally about the imperative to move, to survive, to go on. . . As a fortunate reader, we are invited along on the journey to experience 'the sea throbb(ing) in our veins,' and the yearning of 'too much ocean between us.'"

Wine and hors d'oeuvres will be offered at the reading, and the public is invited to attend. There is no admission charge. The North Dakota Museum of Art is located on Centennial Drive on the campus of the University of North Dakota. To contact the Museum call 777-4195. – North Dakota Museum of Art.

Mathematics classroom display system featured at open house

The mathematics department will host an open house to demonstrate their new wireless classroom display system on Wednesday, Dec. 8. To see this system in action, try it or just ask questions, attend the open house from 2:30 to 4:30 p.m. in 307 Witmer Hall. There will be a short presentation at 3:30 p.m. Refreshments will be served. – Dave Morstad, mathematics.

Research council meets Dec. 9

The University Research Council will meet Thursday, Dec. 9, from 3 to 5 p.m. in the River Valley Room, Memorial Union. – Peter Alfonso, vice president for research.

Campus Ministry Association hosts St. Nicholas Celebration

Please join the Campus Ministration Association for a St. Nicholas Celebration Thursday, Dec. 9, from 11:30 a.m. to 1 p.m. at the Christus Rex Lutheran Center. Come for lunch, conversation, and Christmas carols. Bring a friend or two! – Lisa Burger (student academic services), on behalf of Campus Ministry Association.

Public scholarship program meeting is Dec. 10

A meeting to discuss continuing the development of the UND public scholarship program will be held for interested faculty and staff Friday, Dec. 10, 10 a.m. to noon in the Badlands Room, Memorial Union.

The meeting will take action steps based on a retreat held earlier in the fall. An organizational plan will be finalized, including creation of a steering committee, community advisory board, interest committees, work committees, and an associate member category. Short-term programming goals also will be determined.

The following definition and purpose of public scholarship was discussed at the fall retreat: "Public scholarship is scholarly and creative work in the public interest, usually planned and carried out with community or public partners, producing results that are broadly accessible. The UND public scholarship program provides funding and information to support this scholarship, enabling the University to better serve its public purpose by contributing to public discussion, solving public problems, and strengthening communities. Through public scholarship, faculty are more actively engaged in society, while communities and citizens develop their capacity to address their own needs and improve their quality of life."

If you cannot attend the meeting but have an interest in being included in some capacity in the program's organization or want to be on the mailing list, please let me know by calling 777-2287 or e-mailing me at lanarakow@mail.und.nodak.edu. – Lana Rakow, director, Center for Community Engagement

Ribbon cutting celebrates Old Main Marketplace Food Court

Old Main Marketplace, the Dining Services Food Court in the Memorial Union, will celebrate their grand opening week Dec. 6-10 with a ribbon cutting ceremony on Friday, Dec. 10, at 3 p.m. The University community is welcome to attend.

Dining services is a true partner with the state of North Dakota and Gov. Hoeven's economic and agricultural initiatives. Dakota Deli in the Old Main Marketplace serves products from North Dakota producers, Cloverdale Food Company and Baker Boy Breads. As part of the ribbon cutting ceremony, representatives from Cloverdale Food Company and Baker Boy Breads will attend.

Specials this week include A&W Coney (Chili) Dogs for \$.99 on Tuesday, buy one slice of Sbarro pizza and get a half slice for only \$.99, and pie and coffee for \$1.89 anytime after 2 p.m. Register all week for prizes.

Anchored by franchises A&W Express – All American Food and Sbarro Pizzeria, the marketplace offers a remodeled environment with an emphasis on quick service and wide variety. In addition to the franchises, Dakota Deli, World Market, and an extensive Grab n' Go area complete the marketplace layout. – Dining services.

Master Chorale, Children's Choir team up for Christmas concert

The Grand Forks Master Chorale and their special guests, the Grand Cities Children's Choir, will present two holiday treats this year. The two groups, plus a small orchestra, will perform Christmas concerts Saturday and Sunday, Dec. 11 and 12. Both concerts start at 7:30 p.m. at United Lutheran Church. The Grand Cities Children's Choir's Primo Voce and Carino Voce perform Dec. 11; the Accordo Voce and Canto Voce groups perform Dec. 12. The concerts will feature many holiday classics as well as audience participation. Tickets are available in advance at reduced prices at the Chester Fritz Auditorium at 777-4090. Tickets will also be available at the door. Ticket prices: general audience, \$12 in advance, \$15 at the door; senior citizens, \$8 in advance, \$10 at the door; students, \$5 in advance and \$7 at the door. – Grand Forks Master Chorale.

Retired faculty, staff invited to open house

The Alumni Association and Foundation invites all retired faculty and staff to a holiday open house Tuesday, Dec. 14, from 2 to 4 p.m. at the J. Lloyd Stone Alumni Center. Call 777-4078 to RSVP by Dec. 10. – Erinn Hakstol, special events coordinator, Alumni Association and Foundation.

Spring classes begin at 4 p.m. Jan. 10

The spring academic calendar approved by the Board of Higher Education is different this year from previous years. Please note that classes for spring semester begin at 4 p.m. Monday, Jan. 10. This means that any class that is scheduled to meet on Mondays with a starting time of 4 p.m. or later will meet Monday, Jan. 10. Classes that are scheduled to meet on Mondays with a starting time earlier than 4 p.m. will meet at their next regularly scheduled time after Jan. 10. If you have questions about this change, please contact the registrar's office at 777-2711. – Nancy Krogh, University registrar.

U-Manitoba sponsors structural equation modeling workshop

The University of Manitoba psychology department will sponsor a Structural Equation Modeling (SEM) workshop.

This one-day workshop assumes no prior experience with SEM, and is intended as both a theoretical and practical introduction. An understanding of SEM will be developed by relating it to participant's previous knowledge of multiple linear regression, and then by expanding it to allow for correlated and causally related latent constructs. Participants will start with path analysis among measured variables, move into confirmatory factor models, and finally into structural models involving latent causality. Examples will be accompanied by popular SEM computer software input and output from SIMPLIS (LISREL).

The workshop will be conducted by Gregory R. Hancock, professor of measurement, statistics and evaluation at the University of Maryland, College Park. His research has been focused primarily in the area of structural equation modeling (SEM), with specific interest in latent variable experimental design and analysis (e.g., latent means models) and latent growth modeling. His work has appeared in such journals as *Psychometrika*, *Structural Equation Modeling: A Multidisciplinary Journal*, *Psychological Bulletin*, *Journal of Educational and Behavioral Statistics*, *Review of Educational Research*, *Communications in Statistics: Simulation and Computation*, and *Educational and Psychological Measurement*. He is the past chair of the SEM special interest group of the American Educational Research Association (1997-2000), serves on the editorial board of several methodological and applied journals, and teaches seminars and workshops in SEM all over the U.S. He is also currently co-editing an advanced SEM text with Ralph O. Mueller of The George Washington University.

The workshop will be held Saturday, Jan. 15, from 9 a.m. to 5 p.m., in 100 Fletcher Argue Building, University of Manitoba campus. The registration fee is \$100. This fee will be refunded if cancellation notification is received prior to Jan. 7. Lunch and refreshments will be provided. For further information, contact Harvey Keselman, 204-474-8268, 204-474-7563 (fax), kesel@cc.umanitoba.ca; or see <http://www.umanitoba.ca/faculties/arts/psychology/>.

Dr. Hancock will also present a talk Friday, Jan. 14, in P412 Duff Roblin Building at 3:30 p.m., titled "Fortune Cookies, Measurement Error, and Experimental Design." This invited presentation will discuss the theoretical and practical detriments of measurement error in traditional univariate and multivariate experimental design, and point toward modern methods that facilitate greater accuracy in effect size estimates and power in hypothesis testing. These more recent methods fall within the structural equation modeling paradigm, in which population mean-level inference is made at the level of the theoretically error-free construct underlying the fallibly measured operationalizations used within traditional experimental design framework.

— Barry Milavetz, interim director, research development and compliance.

Renewable energy conference will be held in Grand Forks

The Wind Energy and Rural Development in North Dakota Conference has expanded to incorporate additional topics on renewable energy, including biomass energy, alternative fuels, and hydrogen, as well as wind. Now called Renewable Energy in the Upper Midwest, the conference is set for Feb. 23-24 at the Alerus Center.

The conference boasting nationally-recognized speakers, will cover topics on regional advancements in wind energy, wind legislation, transmission, wind energy markets, financing methods for wind projects, biopower, bioproducts (chemicals and biorefining), biofuels (ethanol and biodiesel), and hydrogen from renewables.

"The Energy & Environmental Research Center is committed to exploring a full range of energy options to address the most challenging issue for this country—energy security," said Director Gerald Groenewold. "With considerable help from Sen. Byron Dorgan and our private industry partners, we have developed strategic centers of excellence in biomass, wind, and alternative fuels and have been designated as the National Center for Hydrogen Technology."

The trade show portion of the conference is also being expanded to include more exhibitors than ever before to showcase their products and services.

The opening session of the conference, Feb. 23 from 8:30 a.m. to noon, is free and open to the general public (registration is required). The full two-day conference, including all technical sessions, meals, the exhibit social, and conference materials, is \$100. Register by Feb. 18 by visiting our web site at www.undeerc.org/re or call LaRae Foerster at 777-5246.

More than 430 people from 30 states and two Canadian provinces attended the Wind Energy and Rural Development in North Dakota V Conference in Fargo last year. More than 600 people are anticipated to attend the 2005 conference.

The conference is sponsored by U.S. Sen. Dorgan, in conjunction with the EERC, the North Dakota Department of Commerce Division of Community Services, the Plains Organization for Wind Energy Resources (POWER), the Center for Biomass Utilization, the U.S. Department of Energy, and the U.S. Department of Agriculture through the National Alternative Fuels Laboratory (NAFL). — Energy & Environmental Research Center.

ANNOUNCEMENTS

Electronic resource access improved at Chester Fritz Library

The Chester Fritz Library, in cooperation with continuing education and information technology systems and services (ITSS), has improved off-campus access to networked library resources. A new proxy system has been installed to promote easier linking to library resources located at sites around the world. The proxy system helps identify the UND user to the computer system holding the desired database or journal and eliminates the need for remote users to change settings on their browsers each time they wish to connect to a different computer database. Now off-campus users may enter their U-mail account information and password, then proceed to access the desired electronic resource. "We have been looking for a better way to link off-campus students and faculty to the library's electronic resources," said Wilbur Stolt, director of Libraries. "This new proxy service makes linking nearly seamless and has really reduced the number of technical questions to the reference desk."

The new proxy service is a cooperative effort of the Chester Fritz Library, continuing education and ITSS. The computer hardware and software was purchased by the library and continuing education. The system is housed in ITSS and is jointly managed by ITSS and library staff. James Shaeffer, dean of outreach program is very supportive of the new proxy service, "one of the major initiatives of UND's strategic plan is to serve our growing off campus audience and the new proxy provides an improved service for our off campus clientele." The Division of Continuing Education supports over 20,000 enrollments annually. Many of the students use resources and services of the Chester Fritz Library, which offers over 65 databases, 16,000 electronic journals, and over 8,000 electronic books. For more information about off-campus access to Library resources, go to web address, <http://www.library.und.edu/gethelp/remotearchive.jsp>. — Wilbur Stolt, director of libraries.

Grade report forms available Dec. 2

The grade report forms will be available in the registrar's office for pick-up by department offices beginning at 9 a.m. Thursday, Dec. 2. The procedures for completion will be noted in a memo attached to the report forms.

Please note: Grade report forms must be hand-delivered to the registrar's office no later than noon Tuesday, Dec. 21. — Ray Pospisil, assistant registrar.

Units asked to e-mail strategic plans to institutional research

To facilitate the strategic planning process, a temporary, secure web site has been created as a central location for posting unit strategic plans. It will be accessed by vice presidents, deans, and members of the University Planning and Budgeting Council.

Please submit final* unit plans as word files or preferably as PDF files to institutionalresearch@mail.und.nodak.edu. Institutional research will post the plans online. Unit plans were due Nov. 15; college and division-level plans are due by Dec. 31, and plans for priority action areas are due Jan. 31.

Posting plans on the site will facilitate the work of the deans, directors, UPBC members and those responsible for the priority action areas. Once the planning process is complete, we hope units will post their strategic plans to their web site.

* Final plans may be amended pending decisions or feedback at other levels.
— Martha Potvin, interim vice president for academic affairs.

Financial data will "freeze" Dec. 23 for conversion to PeopleSoft

To ensure the integrity and accuracy of the financial data that will be converted to PeopleSoft as part of the ConnectND project, we need to "freeze" the legacy system (CICS) once the conversions begin. Financial activity from July 1, 2004 to Dec. 31, 2004 will be converted to PeopleSoft the last week of December 2004. Between Dec. 23, 2004 and Jan. 4, 2005, we will not be able to create any online transactions affecting December 2004 or earlier in the legacy system (receipts, payments, purchase orders, ID bills, accounts receivable, etc.) nor process any batch interfaces (facilities, parking, student health, etc.). We will go "live" in PeopleSoft Jan. 5, 2005.

To accommodate this schedule, the Dec. 31 payroll will be processed Dec. 22. Payday will still be Thursday, Dec. 30.

Any transactions not submitted to accounting services or payroll by the dates noted below will have to be processed in PeopleSoft in January 2005, using the new forms and chart fields.

Following are the tentative critical dates for December processing:

Due in accounting services Dec. 16:

- Requests for payments
- Blanket PO and confirmation PO payments
- Receiving reports
- Travel vouchers
- Interdepartmental billings
- Accounts receivable charges and credit memos
- Journal entries
- Stipend payments for 12/31/04
- Budget transfers - non-appropriated funds
- Checks to be cancelled

Due in human resources by Dec. 15 for Dec. 31 payroll:

- Payroll appointment forms
- Payroll revision forms
- Payroll termination forms

Due in payroll by Dec. 17:

- All time sheets
- Leave slips
- EERC payroll
- FlexComp vouchers

Due in budget office by Dec. 17:

- Budget transfers - appropriated funds
- New position requests
- Position modifications

Due in business office by Dec. 22:

- Departmental deposits for receipt in December

Due to be run (batch jobs) by Dec. 22:

- Facilities system upload
- Student health upload
- FoodPro
- EERC AP upload
- Aerospace upload
- Telecommunications upload
- Traffic upload
- Printing center upload

Due to accounting services by noon Dec. 21:

- Month end inventory adjustments
- Housing deferred revenue adjustments
- Dining services deferred revenue adjustments

Please regularly visit the Connect "U"ND web site for announcements and updated information. I also strongly encourage your department to participate in the Tuesday @ 9 Connect "U"ND weekly information meetings in the Memorial Union Lecture Bowl.

If you have any questions regarding this notice or Connect "U"ND implementation in general, please e-mail .
— Peggy Lucke, Connect "U"ND implementation project co-manager.

Grants and contracts administration will close for training Dec. 6-17

To ensure that staff receive adequate training for the implementation of ConnectND, grants and contracts administration will close Dec. 6-17. The office will resume normal business hours Monday, Dec. 20.

The division of research will work to continue reviewing proposals during that time; however, significantly more time will be required for processing. Whenever possible, we request that you submit budgets to grants and contracts before Dec. 3, so that staff have an opportunity to review the financial information for proposals that must be sent out during the time period we will be closed. Because of the risk to the institution, we cannot guarantee that proposals submitted on short notice will be processed in time to meet the sponsor deadline. – Barry Milavetz, interim director, research development and compliance.

Accounting offers purchasing card training

Accounting services will offer a purchasing card training session Wednesday, Dec. 15, from 10 to 11 a.m. in the River Valley Room, Memorial Union. – Kathie Howes, accounting services.

Library lists final exam hours

Chester Fritz Library hours during final exams are: Friday, Dec. 10 (reading and review day), 8 a.m. to 10 p.m.; Saturday, Dec. 11, 10 a.m. to 10 p.m.; Sunday, Dec. 12, 1 p.m. to midnight; Monday through Thursday, Dec. 13-16, 8 a.m. to midnight; Friday, Dec. 17, 8 a.m. to 4:30 p.m. – Karen Cloud, Chester Fritz Library.

Law library lists final exam hours

Extended final exam hours for the law library are: Friday, Dec. 3, 7:30 a.m. to midnight; Saturday and Sunday, Dec. 4-5, 10 a.m. to midnight; Monday through Friday, Dec. 6-10, 7:30 a.m. to midnight; Saturday, Dec. 11, 7:30 a.m. to midnight; Sunday, Dec. 12, 10 a.m. to midnight; Monday through Thursday, Dec. 13-16, 7:30 a.m. to midnight; Friday, Dec. 17 (last day of exams), 7:30 a.m. to 5 p.m. – Jane Oakland, Thormodsgard Law Library.

Division of Research reorganized; note department name changes

As part of the reorganization of the Division of Research the following department name changes are now in effect:

From: Office of Research and Program Development
To: Research Development and Compliance

From: Technology Transfer Office
To: Technology Transfer and Commercialization

From: Office of Grants and Contracts Administration
To: Grants and Contracts Administration

From EPSCoR
To: ND EPSCoR
— Peter Alfonso, vice president for research.

Major Library of Congress exhibition comes to Museum

"Rivers, Edens, Empires: Lewis & Clark and the Revealing of America," continues through Jan. 9. The Library of Congress has dipped into its unparalleled collection to launch an exhibition focusing on western exploration. With special federal funding, the exhibition opened at the Library of Congress in Washington in July 2003. Only three sites have been chosen to host the tour: the Joslyn Art Museum in Omaha, Neb.; the North Dakota Museum of Art; and the Museum of History and Industry, Seattle, Wash.

The exhibition spotlights rare documents and art works from both the European and the Indian worlds, first-hand observations, specimens and depictions of plants and animals, and spectacular maps, which enable the viewer to trace an emerging picture of the continent as a complex web of geographic features and territorial claims as revealed through the experiences of early explorers and the native people they encountered along the way.

Not only is the Library rich in Lewis and Clark related material, it also holds impressive collections of other important expeditions including those led by Zebulon Pike, Stephen Long, Charles Wilkes, and John Frémont, all featured in the exhibition.

Library materials are supplemented by loans from important collections including Indian artifacts from the National Museum of the American Indian, botanical specimens collected on various western expeditions from the National Museum of Natural History and the New York Botanical Garden, artist and naturalist Titian Peale's drawings made as a member of the Long expedition from the collection of the American Philosophical Society, and the Sitting Rabbit map and a winter count attributed to High Dog from the North Dakota Historical Society. Those expeditions and others are explored in the exhibition and place the remarkable trek made by the Corps of Discovery in the broad context of a century of exploration of the North American continent. The exhibition closes with an epilogue focused on the construction of the transcontinental railroad, which closed the door on the quest for a direct water passage to connect the East with the West.

Museum hours are weekdays 9 a.m. to 5 p.m., Saturday and Sunday, 11 a.m. to 5 p.m. Open Thursday evenings until 9 p.m. There is no admission charge but the suggested donation for this exhibition is \$5.

The exhibition and its national tour to Omaha, Grand Forks, and Seattle was made possible through funding from the United States Congress. That funding was secured by the Lewis and Clark Bicentennial Congressional Caucus and its co-chairs, Senators Conrad Burns, Larry Craig, and Byron Dorgan, and Representatives Doug Bereuter and Earl Pomeroy.

The exhibition at the North Dakota Museum of Art is underwritten by David Rognlie, who graduated from UND in 1956, with additional funding from Xcel Energy, Margery McCanna-Jennison, Grand Forks Herald, Grand Forks Public Schools, Land O'Lakes Foundation, Nash Family Foundation, Nodak Electric Trust, North Dakota Council on the Arts, North Dakota Department of Commerce-Tourism Division, and the University of North Dakota Office of Academic Affairs. — North Dakota Museum of Art.

Spring Datebook items due Wednesday, Dec. 15

You are invited to submit your UND events for inclusion in the spring Datebook of activities by Wednesday, Dec. 15. Please send additions or changes to Mavis at the University relations office, 411 Twamley Hall (Box 7144), or e-mail mavis.ness@mail.und.nodak.edu.

The Datebook is published each semester and summer and is distributed to thousands of people on the campus, in the community, the region, and even across the state. We hope you'll submit your events to be considered for inclusion. Examples of the kind of activities you are encouraged to submit include departmental-sponsored lectures and presentations and cultural/academic displays and exhibitions – anything you want people to know about. Include the date and kind of event, names of persons, such as speakers involved and their titles, title of lectures, location and time of event.

For further UND calendar information, check www.und/calendar. — University relations.

Revalidate service placards before Dec. 6

Service vehicle placards will expire Monday, Dec. 6. Please bring your placard to the Memorial Union parking and traffic office for revalidation. There is no charge to renew your placard. – Parking and traffic.

Nominations invited for departmental research award

Nominations for the Fellows of the University Award for Departmental Excellence in Research, recognizing research, scholarly, and creative productivity, are due at the office of research and program development Monday, Jan. 3. The winning department will receive a \$1,500 award and a plaque at the Founders Day Banquet Feb. 24.

Nominations should include information that will allow the selection committee to judge the quantity and quality of the research, scholarly, and creative activities of the department. At a minimum, such nominations should include a listing of published research or other creative or scholarly activities during the period 1999-2004. Additional information for those years, such as a brief synopsis of ongoing research activities, the number and type of active sponsored projects, dissertations or other research papers presented by students, performances or scholarly presentations by faculty, etc., should be included if they contribute to the overall picture of a department's research, scholarly, and creative activities. A statement of support from the dean is required. To expedite the review process, nine copies of the nomination and supporting documentation should be submitted to ORPD.

The awardee will be selected by the same committee which selects the Thomas J. Clifford Faculty Achievement Award for Excellence in Research. This committee includes the director of the Office of Research and Program Development (chair), the chair of the senate scholarly activities committee, one faculty member from the senate scholarly activities

committee, three faculty members from the University research council, the chair of the faculty research seed money council, and one member of the faculty research seed money council.

Since previous awardees are ineligible for nomination until five years have passed, the departments of microbiology and immunology, English, atmospheric sciences, biology, neuroscience, and physics may not be nominated this year.

If further information is desired, please call the Office of Research and Program Development at 777-4278. – Barry Milavetz, interim director, research and program development.

Nominations/applications invited for faculty research award

Nominations/applications are invited for the UND Foundation Thomas J. Clifford Faculty Achievement Award for Excellence in Research. The winner of this award will receive a plaque and a check for \$2,000 at the Founders Day Banquet Feb. 24.

The following information should be provided:

- (1) A listing of publications of significant, original and high-quality research, scholarly, and creative contributions in nationally recognized professional journals that are refereed by peer reviewers and/or a listing of juried competitions and invited performances/exhibitions.
- (2) Overall scholarly activities, such as service as a reviewer of research proposals for federal agencies or other funding sources, service as a referee or editor for professional journals, and contributions to training students in research, scholarly, and creative endeavors;
- (3) Potential for significant contributions to enhancing the effectiveness of the subject matter taught in the classroom.

Faculty, staff and students may make nominations, and faculty are invited to nominate themselves. Since the committee will not engage in the gathering of documentation, each nomination or application must be accompanied by thorough evidence of the nominee's qualifications for the award. Nine copies of each nomination and supporting documentation should be received at the Office of Research and Program Development no later than Monday, Jan. 3.

The awardee will be selected by the same committee that selects the Fellows of the University Award for Departmental Excellence in Research. This committee includes the director of the Office of Research and Program Development (chair), the chair of the senate scholarly activities committee, one faculty member from the senate scholarly activities committee, three faculty members from the research council, the chair of the faculty research seed money council, and one member of the faculty research seed money council.

Since previous awardees are ineligible for nomination until five years have passed, Manuchair Ebadi (2004), Jody Rada and Jay Meek (2003), Joyce Coleman and Jeffrey Lang (2002), Leon Osborne (2001), and Edward Carlson (2000) may not be nominated this year.

If further information is desired, please call the Office of Research and Program Development at 777-4278. – Barry Milavetz, interim director, research and program development.

Children's Center now offers toddler care

The University Children's Center, which is located on campus at 525 Stanford Road, will offer toddler care (2-year olds) on Jan. 11. Applications are currently being accepted for all age groups: 2-5. Children are cared for in small groups by teachers with degrees in early childhood education or a related field. A day at the University Children's Center includes a USDA approved breakfast, lunch, snack, a choice of rest or nap time, planned large and small group activities, and opportunities to play outdoors. Parents are always welcome to join their children for part of the day.

Toddler rates (2-3 year olds): full day, \$25; half day, \$20.

Pre-school rates (3-5): full day, \$22; half day, \$16; Head Start p.m., \$18; hourly rate, \$3 (for additional care); academic year registration fee, \$30; summer registration fee, \$20.

For additional information, please call 777-3947. You may also visit the UCC web site at www.childrenscenter.und.edu.
— JoAnne Yearwood, director, University Children's Center.

Are you ready for winter driving?

With the arrival of winter, the hazards of winter driving must be taken seriously. There are many simple things that you

can do to keep yourself safe and alive.

- * Keep your gas tank at least half full. It will prevent moisture condensation and extend your run time if you get stranded.
- * Clean all snow and ice off your vehicle before you leave your parking spot. Keep a window scraper and brush in your vehicle.
- * Be sure that your vehicle is in good repair. Your brakes, battery, tire tread and inflation, windshield wipers/fluid, exhaust system, and cooling system should all be checked.
- * Drive defensively and slow down. Rain, snow, and ice can decrease traction and cause you to skid.
- * If you get stranded, remember that it is usually best to stay with your vehicle until help arrives.
- * Have winter survival gear available in your vehicle, especially if you will be driving out of town. Things to consider:
 - * Boots, gloves, hat, and warm clothes
 - * Flashlight
 - * Battery booster cables
 - * Lightweight shovel
 - * Candles or heating cans
 - * High energy /non-perishable food
 - * Blanket
 - * Matches or lighter
 - * Flares or bright cloth to signal help
 - * Rope
 - * Cellular phone
- * Survival kits are available at transportation for state vehicles checked out for out-of-town travel.
- * Most importantly, if driving conditions are poor, stay off the roads if at all possible.
- Safety and environmental health.

Keep safety in mind as you decorate for holidays

Everyone enjoys the beauty of holiday decorations. The beauty need not be spoiled by an accident that could have been prevented. Before you begin decorating inside and out this season, keep in mind these safety tips:

- Don't use strings of lights with damaged or frayed wires. Throw them away.
- Lights on campus must bear the Underwriters Laboratory (UL) seal of approval and must be of miniature size. Do not run wiring through doorways, under carpeting, or through holes in a wall. The use of extension cords should be avoided; rather, a multiple-outlet power strip with an internal circuit breaker is recommended. Always turn the holiday lights off when you leave the building.
- Candles, incense, or other devices with open flames are prohibited in residence halls and campus buildings, with the exception of apartment/family housing and for supervised special events.
- Decorations should not disguise, cover, or interfere with any safety device, including fire safety equipment such as fire extinguishers, exit signs, sprinkler heads and piping, and fire alarm pull stations.
- Live cut trees on campus must have prior permission from safety and environmental health and have a tag showing that they have been treated with flame-retardant. The tag must include the name and registration number of the chemical used, the name of the applicator, and the date of treatment. Keep natural trees in water at all times to slow the natural drying process.
- Live trees are not permitted in the residence halls. Artificial trees are allowed when placement, lighting, decorations, and monitoring rules are followed. They must be kept out of corridors and away from doorways and heat sources.
- Not all artificial trees are flame-retardant; check for the tag that notes they have been flocked and treated. Don't risk using a cheaper tree that is not fire resistant.
- Do not place the tree so that it blocks a doorway, corridor, or exit.
- After the holidays, the sooner you get rid of your Christmas tree and decorations the better. The longer they stay up, the more of a problem they become.

Decorating guidelines for apartment housing can be referenced in the apartment policy handbook. If you would like any further information on holiday safety, please contact the our office at 777-3341. Happy Holidays! — Safety and environmental health.

Studio One lists guests

War veteran Brandon Erickson has returned to college after recovering from injuries received in Iraq, where the National Guard soldier was stationed. We'll hear his story on the next edition of Studio One on Channel 3 in Grand Forks.

Erickson lost his right arm in a July 2003 ambush north of Fallujah. He will share his feelings about returning to university life and how he plans to make a difference in the future.

Also on the next edition of Studio One, Sandy Bullinger will discuss how a tragedy led her to help others. After her son

Michael committed suicide in 2003, Bullinger started a program to educate teens about the realities of suicide.

Studio One is an award-winning news and information program produced at the University of North Dakota Television Center. The program airs live on UND Channel 3 at 5 p.m. Thursdays. Rebroadcasts can be seen at 7 a.m., noon, 7 p.m., and 11 p.m. daily and on Saturdays at 10 a.m. Prairie Public Television airs Studio One on Saturday at 6 a.m. The program can also be seen in Fargo, Bismarck/Mandan, Minot, Minneapolis, the Portland, Oregon metro area, the Denver, Colorado metro area, and Winnipeg, Manitoba. — Studio One.

Volunteers sought for parenting study

We are seeking single mothers, who have never been married, divorced, separated, or widowed, of children age 3, 4, and 5 to participate in a study on parenting. Participation takes less than one hour, and involves completion of questionnaires about parenting. Mothers will be compensated \$5 for their time. Call Matt Myrvik at 777-4348 for information. – Jan Orvik, editor, for Matt Myrvik, psychology graduate student.

Women sought for menopause study

If you are between 42 and 65 years old and interested in contributing to the science of menopause, helping to identify methods to reduce symptoms, and getting free test results that include nutritional analysis, body composition, foot reflexology treatment(s), and blood examination (hormone profile, assessment for insulin resistance/diabetes), you have an opportunity to participate in a study about menopause.

Very few studies have documented the impact of menopause on women. This study will look at nutritional intake, physical activity patterns, and medical history in relation to menopause.

Benefits include free nutritional analysis of your food intake, free body composition analysis, free foot reflexology treatment (some women will receive multiple treatments), and free laboratory tests (about half of the sample).

We are seeking female employees between 42 and 65 years of age who are going through or have gone through non-surgical menopause and have not had gynecological surgery (partial or total hysterectomy). Tubal ligations are acceptable. You should not be treated for diabetes or for cancer; or be treated with prescription steroids (for example, Prednisone).

If you participate, you will complete questionnaires about menopause, your medical history, and your dietary intake; participate in an interview about your physical activity; agree to have body measurements taken; agree to receive one or more foot reflexology treatments; and agree to have blood drawn (about half of the sample); and spend between 3 and 6 ½ hours of your time, spread over a six-month period.

The study will be conducted at the College of Nursing and Student Health Service. To sign up or for more information, call Heidi Schneider at the Wellness Center to schedule an appointment, 777-2719. – Donna Morris, principal investigator, nursing.

Volunteers sought for nutrition/memory study

In collaboration with James Penland of the Grand Forks USDA Human Nutrition Research Center and Patricia Moulton of the UND Center for Rural Health, we are recruiting younger adults, age 21 to 35, and older adults, age 60 to 80, to participate in a study of the effects of nutritional status on age differences in memory performance. The study takes about three hours to complete. The testing will occur at the Human Nutrition Research Center in Grand Forks. You will be paid \$25 for your participation.

Your scores will be completely confidential and will not be associated with your name; you will be given a subject number and your name will not be used. Participation will be limited to those without any previous history of a stroke, multiple sclerosis, or Parkinson's disease. If you are interested in scheduling a time to participate or in finding out more about the study, please call Brian VanFossen at 777-9925. – Tom Petros, professor of psychology.

Find menus online

Your lunch menu is just a click away. Find the daily menu for Twamley Snack Bar, Wings Airport Café and Medical School food cart at <http://www.housing.und.edu/dining/menu.shtml>. Choose from hot entrees, soup, sandwiches, taco salad Thursday and fresh baked pastries. Snack bars are open to faculty, staff and students. – Dining services.

Pie and coffee on special at Old Main Marketplace

Bring a friend to the Memorial Union and stop in the Old Main Marketplace for pie and coffee. Enjoy a slice of fresh baked pie and a cup of Seattle's Best Coffee for only \$1.89. This special is good after 2 p.m., every day, from now until Jan. 7. – Dining services.

Campus walking trail maps available

Enjoy walking? Feel stressed and need a break? Want to get in shape? Want to become renewed and invigorated when outside? Check out the new walking trails on campus.

The physical wellness subcommittee, along with Rick Tonder, associate director of facilities, has created 14 walking/running trails for the UND campus. The trails, approximately one mile in length, cover most regions of campus and can be interconnected for a 5-10 mile walk. Three of the trails are indoor routes for year-round use. The School of Medicine loop even includes stair climbing to increase the workout.

Maps are available at the Wellness Center and Memorial Union and online through the UND home page at www.und.nodak.edu and the Wellness Center home page at <http://wellness.und.edu/wellness>.

Obesity and poor fitness are health crises in America. College campuses are not immune. Let's lower the risk at UND. Get active, get fit, and get healthy. See you on the trails. – Matt Remfert, co-chair, physical wellness subcommittee.



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