

IT'S HAPPENING AT STATE

December 4, 2002
NDSU

NDSU researchers collaborate with 'The Archaeology Channel'

NDSU's Archaeology Technologies Laboratory (ATL) is involved with a project that is exploring the limits of the Internet as a broadcast medium for education. University researchers are multicasting an educational video on "The Archaeology Channel," a Web-based public education project of the Archaeological Legacy Institute, Eugene, Ore.

NDSU Internet2 technology is being used to host the multicasting of "Tonto," a 30-minute video about the cliff dwellings of the Salado culture at the Tonto National Monument, Roosevelt, Ariz. The video can be viewed on multicast-enabled networks at most universities, as well as some K-12 school districts, government agencies and companies.

The NDSU team uses the wide bandwidth capabilities of Internet2 to multicast the video so that hundreds of users can view the video at the same time. The program is digitally encoded, so it has high quality sound and images, allowing users to view it on full-screen and in full motion. It is multicast in the RealMedia format, so users need to install RealMedia Player on their computers.

"This is a pilot study. We want to see how well it is received, with the idea of potentially expanding multicasting from NDSU that will benefit K-12 and others across the country," said Jeffrey Clark, ATL director and professor of sociology/anthropology. "Multicasting allows us to utilize technology the university has in the most efficient manner.

"We have multiple projects going on in the lab, all aimed at Internet-based education. This work is a different avenue to pursue that goal," Clark said. "It is part of our mission to provide information and education at both formal and informal levels to people across the state and beyond. We see this as engaging the public and providing a valuable service."

The ATL has a reputation as a leader in the use of the Internet and 3-D digitizing technologies for archaeology research and education. That, combined with previous conversations between ATL database manager James Landrum and Richard Pettigrew, president and executive director of the Archaeological Legacy Institute, brought the parties together.

"The work is exciting and rewarding. It's a big step for us," Landrum said. "One of the purposes of our lab is to disseminate information to as wide an audience as possible. K-12 is one, as well as doctoral programs, general public, lifelong learners and the global community that has access to the Internet."

The "Tonto" video can be viewed daily at 4 a.m., 1 p.m. and 9 p.m. "The Archaeology Channel" Web site is www.archaeologychannel.org.

Annual Stocking Tree program seeks contributions

The Volunteer Network's 14th annual Stocking Tree program is seeking donations. Contributions of new clothing and outer-wear items will benefit the YWCA's Unique Boutique, which gives current and former members of the YWCA an opportunity to shop for their loved ones for the holidays. Donations of new hats, scarves, shirts, mittens and socks may be brought to the Student Activities Office, 360 Memorial Union, through Dec. 6.

For additional information, contact Amanda Gullick, Volunteer Network student coordinator, at 1-1055.

You're invited to

**PRESIDENT CHAPMAN'S
Holiday Open House
2-4 p.m.
Tuesday, Dec. 17
Old Main**

Holiday hours to begin Dec. 23

Holiday hours for NDSU staff will begin Monday, Dec. 23, and run through Friday, Jan. 10. Hours will be 7:30 a.m.-4 p.m. Regular hours will resume Monday, Jan. 13.

'It's Happening at State' holiday schedule reminder

"It's Happening" will be published only on Dec. 4, Dec. 11 and Dec. 18. Regular deadlines apply. There will be no issues Dec. 25 or Jan. 1. The regular schedule resumes Jan. 8. Due to the Martin Luther King Jr. holiday Jan. 20, the deadline for the Jan. 22 issue is Wednesday, Jan. 15.

Scandinavian buffet set for Jan. 22

The annual Scandinavian buffet is scheduled for 10:30 a.m.-1 p.m. Wednesday, Jan 22, in the Memorial Union Ballroom. Cost is \$8 per person. Call 1-8122 for reservations.

Next Issue

Publication date: Wednesday, Dec. 11
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Old Main 204
Voice: 231-8326
Fax: 231-1989
ellen.puffe@ndsu.nodak.edu
www.ndsu.edu/university_relations/news

Protease research center approved

The State Board of Higher Education has approved the establishment of the NDSU Center for Protease Research. The move came at the board's Nov. 21-22 meeting.

Its mission will be to establish a competitive biomedical research center. Objectives include developing therapeutic inhibitors for matrixmetallo proteinases through synthesis, targeting and delivery of biopharmaceutics/drug design; organizing symposiums, seminars and proposal writing workshops and facilitating faculty grant reviews; and recruiting fellows and graduate students.

The center, which will be directed by Mukund Sibi, professor of chemistry, will use grants from private and governmental agencies as its primary source of funding.

Logistics management minor approved

The State Board of Higher Education has approved a minor in logistics management. The new program, which will be administered by the Department of Management, Marketing and Finance, gained approval at the board's meeting Nov. 21-22.

In a letter to the board, Craig Schnell, provost and vice president for academic affairs, said the subject of logistics management is increasingly important for all businesses, including manufacturers, distribution companies and food and agribusiness firms. He wrote that a minor will improve the outlook for employment in the students' chosen major, and that the program is consistent with the higher education agenda reflected in the recommendations of the Interim Committee on Higher Education's "Report of the Roundtable—A North Dakota University System for the 21st Century."

Development Foundation accepting grant applications

The NDSU Development Foundation Grants and Awards Committee is accepting applications from faculty and staff for grants from three endowment funds for the 2002-03 academic year. The application deadline is Friday, Jan. 17.

The Centennial Endowment Fund can provide maximum awards of \$5,000, with a total of \$22,750 available. It supports professorships, scholarships, biotechnology, faculty development, libraries and cultural arts.

The NDSU Development Foundation Board of Trustees Endowment can provide maximum awards of \$1,000, with a total of \$4,700 available. It supports general programs across campus.

The NDSU Development Foundation Libraries Endowment has \$3,700 available. It supports requests from any academic unit on campus for materials which will enhance the collections and/or operations of university libraries.

Faculty and staff can obtain copies of application forms for all three endowments in the deans' offices of their college, or by e-mail to joann@ndsualumni.com. The NDSU Development Foundation will notify applicants of funding decisions prior to April 15, 2003.

NDSU, Turtle Mountain Community College collaboration funded by NASA

NASA has funded a collaborative proposal between the Turtle Mountain Community College and NDSU's College of Engineering and Architecture. The project, titled "A Reservation Collaboration Initiative for Pre-college Excellence in Science, Technology, Engineering and Mathematics (RECIPE)," will be funded for \$100,000 annually for three years, of which approximately \$40,000 per year will be NDSU's responsibility. Carol Davis, TMCC vice president for academic affairs, and G. Padmanabhan, chair and professor of civil engineering, are the co-principal investigators of the project.

The goal of the project is to provide seamless educational pathways for American Indian K-12 students immediately adjacent to the Turtle Mountain Reservation between the K-12 levels, the tribal college and the university system through proper preparation and the establishment of career goals and to encourage the students to pursue college education and NASA careers in science, technology, engineering and mathematics.

The proposed activities involve K-12 teachers, tribal college faculty and NDSU faculty who will work with 30 high school students and 32 middle school students. The collaborative effort will work on developing and implementing science, technology, engineering and mathematics (STEM) materials for after-school enrichment activities using NASA educational resources.

The project will focus on five components designed to increase reservation student participation in STEM disciplines. They are informational activities, instructional activities, interaction with industry, interaction with American Indian STEM professionals and a collaborative framework among the university and tribal college faculty and the reservation high schools. Some of the activities include after-school enrichment sessions, weekend academy, summer camp, development and improvement of gateway courses at TMCC, meetings with American Indian and other STEM and NASA professionals, informational sessions about university and college campuses, NASA career prospects and STEM degree requirements, K-12 curricular workshops and development of an advisory team of American Indians professionals and others interested.

In addition to Padmanabhan, Robert Pieri, professor of mechanical engineering; Wei Lin, assistant professor of civil engineering; Floyd Patterson, associate professor of electrical engineering; Sharon Cobb, director of Group Decision Center; and William O. Martin, associate professor in mathematics, are the primary NDSU faculty involved in the project. The team has been working with the state tribal colleges for the past four years on a five-year project funded by the U.S. Navy.

Varsity Mart sponsors Angel Tree

The Varsity Mart is again sponsoring an Angel Tree for the Holiday Clearing Bureau. The tree is located in the Varsity Mart, decorated with stars that have an age and a male/female name marked on them.

Participants are encouraged to purchase a children's book for 20 percent off this month and donate it to the Holiday Clearing Bureau via the Varsity Mart. All books purchases for the program will be taken to the Civic Center in December for distribution for the holidays.

The promotion runs through Dec. 7.

Study: gambling is emerging problem on college campuses

A poker game or a sports bet can prove irresistible to a surprisingly large number of college students. So says new research by Clayton Neighbors, North Dakota State University assistant professor of psychology.

His research indicates that the percentage of college students who meet the clinical diagnostic criteria for pathological gambling problems is much higher than the general population. According to Neighbors, between 1 percent and 3 percent of Americans have severe problems with gambling, but on college campuses, that number can shoot up to 5 percent to 6 percent.

"Students are typically on tight budgets; they eat ramen noodles and have little money," Neighbors explained. "But, many of the people who gamble are the ones who can least afford to lose. It's unfortunate and really tragic in some cases."

His work, a collaboration with colleagues at the University of Washington, is based on surveys with 560 undergraduate students. The results recently were published in the *Journal of Gambling Studies* in the articles, "Measuring Gambling Outcomes Among College Students" and "Exploring College Student Gambling Motivation."

It's a subject few people have discussed or even knew existed.

"It's such an underrated problem," said Neighbors. "If you include college students who have gambling problems but haven't completely ruined themselves, then you are talking about 15 percent of the students. That's one-in-six or one-in-seven who report some problems. That's a huge number of people."

Neighbors' research attempted to outline measure and define problems. He and his colleagues asked students how often they gamble and how much they spend. They gathered information on gambling debt and the ensuing problems that developed in school and with relationships. They also asked students if they were motivated to change their behavior.

"About 40 percent of students said the top reason they gamble is to win money," Neighbors said. "Other primary reasons were for enjoyment or recreation, social reasons to interact with friends and for excitement. They do it for the thrill, for the adrenaline rush."

Unfortunately, there is little research and few programs to deal with the situation. For instance, Neighbors estimates there are more than 4,000 articles in the research literature on the subject of college-age alcohol consumption, but fewer than 200 that address student gambling.

As Neighbors puts it, the gambling issue may be one that is based on availability and access.

"About 25 years ago, you could only legally gamble in Nevada and New Jersey. Now, almost every state has some form of gambling," Neighbors said. "Lotteries have been legalized in many areas, and casinos are a big draw for college students. Sports betting among students has been around for a long time, but now there are even more options available."

His advice to students is to ask two simple questions of themselves. "Have you ever lied about gambling?" and "Have you ever gone back to gamble again to try to regain losses?"

"If a student answers 'yes,' that is a clear trouble sign," Neighbors said, encouraging them to seek professional counseling to address possible addictive behavior.

There is much study and work yet to do over the long period of time, said Neighbors, with validated measuring tools established and appropriate action taken. "Ideally, I'd like to see every campus eventually have a gambling intervention program in place, just like we do with college-age drinking," he said. "We need to recognize this problem and deal with it."

Neighbors, who joined the NDSU faculty this fall, earned bachelor's and master's degrees at Lamar University, Beaumont, Texas, and a doctorate in social psychology at the University of Houston. He held a post-doctoral position at the University of Washington, where his initial research was conducted.

New grant offered for agricultural research

The NDSU Development Foundation Board of Trustees has established a new competitive grant to support NDSU's agricultural research efforts.

The Gordon A. Larson Agricultural Research Fund was established through contributions made by the estate of Gordon Larson. The former Jamestown, N.D., resident was an NDSU student in 1937 and made his career in farming and ranching.

Annual contributions from the Gordon A. Larson Foundation will be made available for agricultural research. The Development Foundation's Grants and Awards committee will oversee the competitive proposal process. There is a total of \$8,000 available for the 2002 academic year.

The application form is available through the College of Agriculture, Food Systems and Natural Resources, or by contacting joann@ndsualumni.com.

The deadline for the 2002-03 applications is Jan. 17, 2003, and applicants will be notified of funding decisions before April 15, 2003. Successful applicants will be required to use award funds within 18 months.

Early entry opportunities available

The Early Entry Program allows high school students to take courses at NDSU while completing their high school graduation requirements.

Area high school students may take up to seven credits per semester in any freshman-level courses. College credits earned may be applied to a degree program at NDSU or may be transferred to another college or university. Students also may take advantage of the Dual Credit Program to receive both high school and college credit for courses taken at NDSU.

Students who have completed their junior year of high school and have earned a cumulative grade point average of 3.5 or greater are eligible. However, any interested student may apply and will be considered on an individual basis. Students in the program pay part-time student tuition and fees, and also are eligible to receive the dependent tuition discount.

To learn more about the Early Entry Program, students should contact their high school guidance counselor, or the Office of Admission at 1-8643 or rhonda.k.kitch@ndsu.nodak.edu.

People

Five to be inducted into Tapestry of Diverse Talents

Brandon Richardson, Jennifer Krueger, Shawn McDonough, Laura Oster-Aaland and John Nyagaka will be inducted into the Tapestry of Diverse Talents in a ceremony scheduled for noon Friday, Dec. 13, in the Memorial Union Alumni Lounge.



Richardson

Richardson is a senior majoring in political science and criminal justice. He has been an officer in the Black Student Organization and on the Training Our Campuses Against Racism (TOCAR) team. A member of the Bison football team, he also has been active in Multicultural Student Services programs relating to black student issues, making sure black students feel welcomed and appreciated on campus. According to one of his nominators, "Brandon is a person of integrity and knows what he is about. He is not persuaded by popular opinion and makes informed decisions from relevant facts and information." He has been described as "thoughtful, passionate, enthusiastic, positive and a wonderful presence at NDSU."



Krueger

A native of rural Wisconsin, Krueger came to NDSU in 2001 as assistant director for leadership and community development in the Department of Residence Life. She earned a bachelor's degree in retail merchandising and management and a master's degree in applied psychology from the University of Wisconsin-Stout. Krueger promotes multiculturalism through her work with TOCAR and the Safe Zone Program. She has been actively involved in diversity training for resident assistants and peer mentors and serves as adviser to the Residence Hall Association and the National Residence Hall Honorary. One nomination stated, "Jennifer has challenged the ideas of students, faculty and staff. She is not only accepting of diversity, but she is also appreciative and embracing of diversity. Jennifer is dedicated to making a difference and helping others to see a different perspective, and contributes a great deal to the intercultural awareness on campus."



McDonough

McDonough is a senior majoring in computer science and mathematics with a minor in philosophy. Having called Grand Forks, Bismarck, Tuscon, Ariz., and Killeen, Texas, home, his current "home" is Stockbridge Hall. McDonough has served as a resident assistant in Stockbridge Hall for three years and as a Web developer for the Germans from Russia Heritage Collection in the library. He is president of The Campus Forum, a student organization devoted to discussion of current topics, and is men's low rise senator in Student Government. He also is involved with the National Residence Hall Honorary Society and the Religion, Science and Lunch seminars, and has been a member of Medieval Society, Math Club and Residence Hall Association. His main goals in life are "to continue to make himself a better person and to try to help improve the world, especially the community around himself, one little step at a time."



Oster-Aaland

Oster-Aaland is NDSU's director of orientation and student success. She received a bachelor's degree in child development and family science and a master's degree in communication at NDSU. "I credit my education with opening my mind to other cultures and to understanding oppression as it relates to many groups in our society," Oster-Aaland said. "I credit my career as giving me the opportunities and skills to act to confront oppression." She has been involved with many activities at NDSU working to advance multi-cultural appreciation and overcome societal oppression. She has been a member of the Women's Week planning committee and the TOCAR collaborative. She also has worked with the Safe Zone and NDSU Summer Orientation Programs, and continues to take part in various activities designed to welcome under-represented members of the community and promote diversity on campus.



Nyagaka

A native of Kenya, John Nyagaka is a senior majoring in management information systems. He enrolled at NDSU in August 1999 and has been actively involved with various student organizations on campus. He is a member of Tau Kappa Epsilon fraternity and has held offices on the Interfraternal Council of Representatives. He is the vice president of International Students Association, fund-raising chair of MIS Club and member of the student affairs Complaint Resolutions Board. In a nomination, Nyagaka was described as a "great source of knowledge about different cultures and traditions. He has made numerous contributions to promote multiculturalism in our community."

Harwood receives regional award

Michael Harwood, director of Residence Life, recently received the Region IV-West Outstanding Mid-Level Professional award from the National Association of Student Personnel Administrators (NASPA).

The award is presented annually to a mid-level professional who has made significant contributions in the areas of innovation and responsive services and programs addressing varied and emerging student needs. His name will be forwarded to NASPA for competition for the national mid-level professional award.

A letter from George Wallman, vice president for student affairs, supporting Harwood's nomination stated, "Michael is extremely responsive to students and concerned with learning." A letter of support from senior Joshua Ehli stated, "Michael has not only played an important role in my development as a student and person, but also for many other fortunate students throughout his career."

Bromley receives grant

Kim Bromley, associate professor of art, has been awarded a \$350 professional development grant from the North Dakota Council on the Arts. Bromley will use the grant to attend an international conference on arts and humanities in January.

The council's grant program provides financial assistance for information and educational opportunities relating to the arts and arts development. Funding for the grants is provided by the National Endowment for the Arts, the state of North Dakota and the North Dakota Cultural Endowment Fund.

English faculty presentations, publications listed

Mark Aune, assistant professor of English, recently completed his dissertation on early modern English travel writing and is revising the project into a book-length study of English travel writing. He recently presented papers based on his study at two multidisciplinary conferences, and will present a third section at the "Renaissance Society of America" conference scheduled for next spring in Toronto. Aune has a doctorate from Wayne State University, Detroit.

Donald Salting, assistant professor of English, recently presented a paper at the Western Conference on Linguistics at the University of British Columbia, Vancouver, Canada. Salting's primary research is in phonology, especially focusing on African languages. He also has presented research at a colloquium on sub-Saharan linguistics at the University of Paris. Salting has a master's degree in applied linguistics and a doctorate in general linguistics from Indiana University. Before coming to NDSU, he taught English as a second language at Indiana University, conducted applied research on accented speech for software applications and taught linguistics at the University of Montana, Missoula.

"The Community Writing Sequence," an essay by Amy Rupiper Taggart, assistant professor of English, is scheduled for publication this spring. Rupiper Taggart, who teaches in the areas of writing and community engagement, is co-editor of the "Guide to Composition Pedagogies," and is working on the development of a multi-literacy center in the Fargo-Moorhead area. She also is a member of the board of directors of Write to Succeed Inc., a non-profit company that encourages collaborative community action and problem solving through writing. She has a doctorate in composition and rhetoric from Texas Christian University.

NDSU students receive art awards

Eight NDSU students received top honors in the NDSU Juried Student Art Exhibit. The exhibit juror was Michelle Lindbloom, Bismarck State College gallery director. More than 100 entries were received.

Winners are Karin Bandli, "Untitled" sculpture; Nathaniel Booth, "The Vulnerability of My Mother" acrylic; Lourdes Hawley "Solitude" watercolor with pastel; Amanda Henderson "Still Life with Nude" oil on canvas; Jeremy Jorgenson "Ritual Flagon" ceramic sculpture; Tyler Pederson "Relaxing" photograph; Ashley Sherman "Iron-Oxide Bowl" cast pottery; and Derrick Wolbaum "Stage III" charcoal drawing. Each received a certificate and a \$100 cash award.

Exhibit sponsors are the College of Arts, Humanities and Social Sciences; the Office of the Vice President for Business and Finance; the Division of Fine Arts; the NDSU Memorial Union; NDSU Libraries; the Office of the President; the College of Pharmacy; the Office of the Vice President for Research, Creative Activities and Technology Transfer; the College of Science and Mathematics; the Office of the Vice President for Student Affairs; and the College of Engineering and Architecture.

The exhibit is on display in the Memorial Union Gallery through Dec. 19.

HD&E faculty publications, presentations listed

Linda Manikowske, assistant professor of apparel, design, facility and hospitality management, had the manuscript "Teaching About Chemical Resistant Gloves with Educational Exhibits" published in the November 2002 issue of the Journal of Family and Consumer Sciences. The paper summarizes a project conducted by Manikowske and Jan Stone, Iowa State University, examining the use of exhibits as a teaching tool at farm shows.

Sean Brotherson, assistant professor of child development and family science, co-authored "Coping with a Child's Death: Spiritual Issues and Therapeutic Implications," in the Journal of Family Psychotherapy. The article explores parental bereavement and spirituality and addresses issues related to spiritual concerns that often arise for parents when a child dies.

"Factors Influencing Self-Rated Preparedness for Graduate School: A Survey of Graduate Students," a manuscript by Brandy Randall, assistant professor of child development and family science, was published in a recent issue of Teaching of Psychology.

Two articles by Tom Carlson, assistant professor of child development and family science, recently were published in the Journal of Family Psychotherapy. The articles are "A Conversation About Spirituality in Marriage and Family Therapy" and "Exploring the Possibilities and the Spiritualities of Therapists' Lives: Using Therapists' Spiritual Beliefs as a Resource for Relational Ethics."

Gregory Sanders, professor, acting chair and associate dean of child development and family science, and Margaret Fitzgerald, assistant professor of child development and family science, presented "The Great Plains IDEA Program in Family Financial Planning: An Investment in You and Your Future" and "Student Learners in an Online Master's Degree Program in Family Financial Planning" at the Association for Financial Counseling and Planning Education (AFCPE) annual conference held in November in Scottsdale, Ariz. Fitzgerald and Debra Pankow, family economics specialist, also presented findings from their research on family businesses titled "Financial Practices in Copreneurial Couples: Implications for Financial Counselors."

Kara Wolfe, assistant professor of apparel, design, facility and hospitality management, was invited to submit quarterly briefs on teaching tips for the Journal of Teaching in Travel and Tourism.

Gary Liguori, instructor of health, nutrition and exercise sciences, was asked to write an "Ask the Experts" column for Runners World regarding training for and racing in extreme elevation gain environments.

Justin Wageman, assistant professor in the School of Education, recently was notified that the North Dakota Curriculum Initiative proposal was funded for nearly \$121,600.

Lee Rush, assistant professor in the School of Education, was selected to present at a town hall meeting at the upcoming national convention of the American Counseling Association. Rush is scheduled to present "Speaking Truth to the Power Structure: Up and Coming African American Counseling Professionals."

Cosgrove to present Mark Twain performance at F-M Communiversity

William Cosgrove, professor of English, is scheduled to present the F-M Communiversity presentation, "Mark Twain in North Dakota and Elsewhere," at 2 p.m. Saturday, Dec. 7, at Riverview Place, 5300 12th Street South, Fargo.

Cosgrove's one-man show is a full-dress impersonation of Twain as a 70-year-old humorist, writer and stage personality. He performs much of the same humorous material Twain used himself, and reveals a little-known side of the author never fully revealed to the public during his lifetime.

Cosgrove has taught courses on Twain for 30 years. His one-man show has been performed for more than 11,000 people in North Dakota and Minnesota since 1983. Cosgrove believes Twain is a unique figure in American culture because he represents American experience and dreams, and is a world-famous, instantly recognizable icon of American literature combining accomplished writing, reading and humor.

Koo publishes book on agricultural trade policies

Won W. Koo, professor of agricultural economics, has published "Agricultural Trade Policies in the New Millennium."

Written in collaboration with P. Lynn Kennedy, professor of agricultural economics and agribusiness at Louisiana State University, the book consolidates research conducted by agricultural trade economists into a reference source for economists, academic and agriculture professionals.

It provides a detailed overview of current and potential trade situations by addressing key issues influencing trade negotiations of developed and developing countries and the environment; commodity trade issues and trade policy issues for coarse grains, cotton, rice, sugar, and wheat; and general issues related to multilateral and regional trade agreements.

For more information, contact the Department of Agribusiness and Applied Economics at 1-7441, or the Center for Agricultural Policy and Trade Studies at 1-7334.

Stambough, O'Regan to author book on female gubernatorial candidates

Stephen J. Stambough and Valerie R. O'Regan, assistant professors of political science, have been contracted by Lynne Rienner Publishers to complete a book manuscript concerning female gubernatorial candidates. The book's tentative title is "The Years of the Female Governors."

The book will explore changes in recruiting, campaigning, media coverage and voter response to female gubernatorial candidates leading up to the 2002 elections. A record-tying number of women received their party's nomination during that election, and six were elected.

The book, scheduled for publication in 2004, will expand on the pair's previously published research concerning the 2000 North Dakota gubernatorial campaign in which the state's first female gubernatorial candidate received her party's nomination.

Kennedy to participate in Hawaiian arts and humanities conference



Kennedy

Tim Kennedy, assistant professor of architecture, has been selected to participate in the 2003 Hawaii International Conference of Arts and Humanities scheduled for Jan. 12-15 in Honolulu.

Kennedy's submission, "The Memory Palaces of North Dakota," is based on his research of active small-town movie theaters across the state and their importance to the cultural, emotional and economic well-being of the towns they inhabit.

An article by Cecile Wherman for the Crosby Journal said, in part, "Kennedy's work is important, not just to show people outside of North Dakota how we band together to save these cultural centers, but also to show those of us in small, rural isolated communities we are not alone. I think Kennedy has discovered something of a secret society many of us involved in show hall preservation didn't even realize existed."

Communication faculty publications listed

Judy Pearson, professor and associate dean of communication; Ann Burnett, associate professor of communication; and doctoral student Theresa Hest have published "Heterosexual Romantic Relationship Research within the Communication Journals." The article appears in the summer 2002 issue of Communication Research Reports. Pearson also co-authored "The Function of Mundane Ritualizing in Adult Friendship and Marriage" for the same publication.

Pearson also wrote the chapter "Adopting Instructional Technologies" for the book "Deciphering Cyberspace: Making the Most of Digital Communication Technology." She and Paul Nelson, professor and chair of communication, co-authored the text "Human Communication," with Scott Titsworth and Lynn Harter.

Patnode set to perform with Ray Charles

Matthew Patnode, assistant professor of music, is set to perform with Ray Charles in a concert scheduled for 8 p.m., Saturday, Dec. 7, at the Fargodome. Patnode will play the lead tenor saxophone in Charles' band.

Patnode also will direct the Jazz Arts Group youth band in a holiday performance scheduled for 7 p.m. Tuesday, Dec. 10, at West Acres Shopping Center, Fargo. The group is made up of high school students from Fargo-Moorhead and the surrounding area. He also is scheduled to perform with a jazz combo at 7 p.m. Friday, Dec. 6, at Basie's Restaurant in Fargo.

Swenson to exhibit artwork in California

Three pieces of porcelain ceramic art by David Swenson, assistant professor of art, have been accepted for display at Ink and Clay 29, an exhibit of ceramics, prints and drawings, at the W. Keith and Janet Kellogg University Art Gallery at California State Polytechnic University, Pomona, Calif. The exhibit is scheduled to run Jan. 6-Feb. 14, 2003.

NDSU presenters win award at animal disease conference

Faculty, staff and students in veterinary and microbiological sciences attended the 83rd annual Conference of Research Workers in Animal Disease (CRWAD) recently held in St. Louis.

“Molecular Analysis of Multi-drug Resistant *Campylobacter spp.* from Processed Turkeys,” a presentation by Pamela A. Olah, graduate student; Julie S. Sherwood, microbiologist; and Catherine M. Logue, assistant professor of veterinary and microbiological sciences, was the winner of the American College of Veterinary Microbiology Award for the best poster in the food and environmental safety section of the conference.

Other presentations included:

“Examination of Foodborne Pathogens on Bison”—Qiongzheng Li, Sherwood, Olah, M. Dockter, D. Perkins, L. Griffin and Logue; “Distribution of Virulence Genes Among *Escherichia coli* of Sick and Healthy Poultry”—Lisa K. Nolan, C. Doetkott, J. Skyberg, T.J. Johnson and S.M. Horne; “Production of IgM Monoclonal Antibodies to CNF1”—Erick D. Handegard, S.L. Foley, D.L. Dawe, T.R. Gustad, M. Robinson and Nolan; “Immunization with Plasmid DNA Enhances Immunity to a Recombinant Nematode Parasite Antigen”—Aishwarya Canniputhur, S.A. Hoselton, L.M. Piche, and M. Robinson; “Host Production of Th2 Cytokines Does Not Correlate with Resistance to an Intestinal Nematode Parasite”—Scott A. Hoselton, L.M. Piche, T.R. Gustad and M. Robinson; and “Comparison of Two Challenge Models for Studies in Avian Colibacillosis: The Embryo Lethality Assay and the Chicken Intravenous Model”—Penelope S. Gibbs and R.E. Wooley.

Landscape architecture students win International Peace Garden awards

Landscape architecture students Derrick Wolbaum and Marcus Lund, and Tim Kennedy, assistant professor of landscape architecture, were awarded first place in the recent International Peace Garden’s “9/11 Memorial Competition.” The team received a \$2,500 cash prize.

The NDSU student team of Justin Baggenstoss, Peter Scherer, Corey Thorson and Kennedy received the \$500 third-place award.

Students Cody Axness, Bethany Vander Vorst and Jes Fahrenkamp received honorable mention.

Katti, Brennan publish research

“Low Complexity Multiplication in a Finite Field using Ring Representation,” research work by Rajendra Katti, associate professor of electrical and computer engineering, and Joseph Brennan associate professor of mathematics, has been accepted for publication in the April 2003 issue of the Institute of Electrical and Electronics Engineers’ IEEE Transactions on Computers.

The special edition on computers on cryptographic hardware and embedded systems will feature the year’s 10 best research results on cryptographic hardware. Cryptography is used for security in communications and computing, and is used in areas such as e-commerce, Internet banking and wireless networking.

Katti also presented, “Speeding Up Elliptic Cryptosystems Using a New Signed Binary Representation for Integers,” at the recent Euro-Micro Digital System Design Symposium.

Events

NDUS economic development showcase scheduled

Economic development, political and higher education leaders will gather to explore the capacities and potential of the state’s research universities at the North Dakota University System’s “R Showcase II: Universities-Private Sector Partnerships as an Engine for Economic Development” scheduled for Monday, Dec. 9, at the Alerus Center, Grand Forks, N.D.

A key focus of the event will be the Red River Valley Research Corridor concept. The showcase also will focus on the Experimental Program to Stimulate Competitive Research (EPSCoR), the NDSU Research and Technology Park and the University of North Dakota’s Energy and Environmental Research Center (EERC) and its foundation as an international model. Also scheduled is a panel discussion on “Concept to Commercialization,” a tour of the EERC and a presentation of “The Oregon Story: A Successful Research Corridor.”

Keynote speakers include Florida Sen. Bill Nelson, Sen. Byron Dorgan, Gov. John Hoeven and NDUS Chancellor Larry Isaak.

The showcase is sponsored by NDSU, UND, the North Dakota Department of Commerce, the North Dakota University System, North Dakota EPSCoR and the UND Energy and Environmental Research Center, which is coordinating the event.

Showcase committee members are UND president and committee chair Charles Kupchella; NDSU President Joseph A. Chapman; Peter Alfonso, UND vice president of research; Philip Boudjouk, NDSU vice president for research, creative activities and technology Transfer; Paul Govig, director of the Division of Community Services for the North Dakota Department of Commerce, Bismarck; Tony Grindberg, executive director of the NDSU Research and Technology Park Inc.; Gerald Groenewold, director of the UND Energy and Environmental Research Center; Pam Gulleeson, senior legislative analyst for Sen. Dorgan and North Dakota State House of Representatives assistant minority leader; Deb Haley, associate director of the EERC; Mike Hillman, NDUS vice chancellor for academic affairs; and Mark Sheridan, North Dakota EPSCoR project director.

The showcase is free and open to the public. To register for the event and the meals, go to www.undeerc.org or call Dee Kraft at (701) 777-5068.

Army ROTC holds food drive for homeless

NDSU’s Army ROTC unit, along with the Bison Raiders student organization, is holding a food drive to benefit Churches United for the Homeless. Canned goods may be delivered to Bentson Bunker Fieldhouse, room 113, until Friday, Dec. 13.

For more information, contact Maj. Glenn Sanders, assistant professor of military sciences, at 1-9577.

Holiday blood drive scheduled

The NDSU Staff Senate is sponsoring a blood drive to help replenish the local blood supply and stock hospital shelves for the upcoming holiday season. The drive is scheduled for 10 a.m.-3 p.m. Wednesday, Dec. 4, and Thursday, Dec. 5 at the United Blood Services Mobile Unit, which will be parked on the west side of the Memorial Union.

"We encourage people to donate once more before the end of the year, before they get too busy with holiday plans," said Pat Cossette of United Blood Services. "In the past, the nation's blood supply has been very tight during the holidays. The faculty, staff and students of NDSU can help assure that a blood shortage does not occur this year."

For an appointment, call Rhonda Kitch at 1-9421. Volunteer blood donors must be at least 17 years of age, weigh at least 110 pounds and be in good health. Identification is required at the time of donation.

Rural renaissance radio program scheduled

A live call-in radio program on rural renaissance is scheduled for 7 p.m. Thursday, Dec. 12, in the Memorial Union University Chamber. The program also will be broadcast over all North Dakota Public Radio system stations, and at www.ndpr.org. Audience members are asked to arrive by 6:45 p.m.

The one-hour show will include a panel of small town advocates taking questions and explaining ways in which their communities have addressed the issue of economic development in a rural environment.

The program, a production of NDPR and Prairie Business magazine, is free and open to the public.

Panel members include Merrill Piepkorn, NDPR, master of ceremonies; Rick Killion, editor of Prairie Business magazine, moderator; Linda Butts, director of economic development and finance for the North Dakota Department of Commerce; Rugby, N.D., Mayor Dale Niewoehner; Les Knudson, manager of Superior Grains, Crosby, N.D.; and Becky Meidinger, economic developer for Carrington, N. D., and Ashley, N.D.

For more information, call (701) 232-8893.

NSF FastLane Skills workshops scheduled

Two National Science Foundation FastLane workshops are scheduled for Thursday, Dec. 12 in the Main Library computer cluster room 14A.

The grants administration workshop is scheduled for 8:30-9:30 a.m., and the workshop for researchers, and administrative assistants and secretaries who assist faculty in proposal preparation is scheduled for 9:45 to 10:45 a.m.

Beverly Sherman, NSF Division of Systems Information, also is scheduled to present "How to Use NSF's Web sites to Conduct Business with NSF." For information and reservations, call 1-8400.

Habitat for Humanity chapter to hold fund-raiser

The NDSU student chapter of Habitat for Humanity has scheduled a silent auction fund-raiser for 11 a.m.-2 p.m. Wednesday, Dec. 4, in the Memorial Union Alumni Lounge. Products and services donated by local businesses, along with autographed memorabilia, will be up for bids.

The auction will be held in conjunction with the national "Habitat for Humanity Collegiate Challenge."

The auction's proceeds will support NDSU students as they travel to New Rochelle, N.Y., and Oakland, Calif., during spring break to work on Habitat for Humanity projects.

"This event allows us to send NDSU students to other parts of the country to help people in need," said Amanda Reeck, a junior from Paynesville, Minn., who is the local chapter's public relations coordinator. "We have about 25 members in our chapter, and 20 of them will be sent to work on the two projects."

Koeck photography exhibit on display in President's Gallery

"Down to Earth: Photographs of North Dakota," a photographic exhibit by Dan Koeck, public information specialist in publication services, will be on display in the President's Gallery beginning Wednesday, Dec. 11, through May 1. The President's Gallery is located in Old Main.

Koeck has been a photographer at NDSU since 1992. He has been a freelance photographer for clients including the New York Times, Los Angeles Times, USA Today, NCAA, IBM and Microsoft Great Plains Business Solutions. He is affiliated with the Liaison photo agency of New York and has been a member of the National Press Photographers Association since 1983.

Annual Wassail Tea scheduled

The College of Human Development and Education has scheduled a Wassail Tea for 2-4 p.m. Tuesday, Dec. 10, in the Evelyn Morrow Lebedeff Hall Founders Room. Everyone on campus is welcome to attend.

Wassail is a traditional drink served in many countries to celebrate Twelfth Night, a holiday celebrated 12 days after Christmas. As a toast, "wassail" means "be of good health" or "good cheer." It can be followed with a reply of "drink hail."

Wassail is a mixture of ale, roasted apples, eggs, sugar, nutmeg, cloves and ginger, and is served hot. The college has adopted its own traditional recipe for wassail using apple cider instead of ale.

NDSU's Christmas Wassail Tea originated in 1953 and all home economics students, faculty and friends were invited. Phi Upsilon Omicron began sponsoring the tea each year, and the tradition has turned into an annual event. It is now sponsored by the Dean's Student Advisory Council and the Student Advisers.



INFORMATION
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www.nodak.edu/its
Dec. 4, 2002

Multimedia cart set-up services to be discontinued

Set-up services for campus multimedia carts is set to be discontinued, however, training will be provided as requested. Each cart includes a projector, computer, videocassette recorder and complete instructions. The equipment is connected and ready for use.

Instructors wishing to use a multimedia cart for their classes should reserve the equipment 72 hours in advance, excluding weekends, using the on-line reservation form found in the Cluster and Equipment section of ITS web page at www.ndsu.edu/its/. If confirmation is not received within two working days, reservation status is available by calling 1-7583. Instructors with a recurring request should contact Melissa Stotz at 1-6158 or Melissa.Stotz@ndsu.nodak.edu no later than two weeks prior to the first reservation to order a storage room key.

IT open forum planned

The Office of the Provost and Vice President for Academic Affairs, the Office of the Vice President and Dean of the College of Agriculture, Food Systems and Natural Resources, Information Technology Services, Computing and Information Technologies Planning and Goals (CITPG), and agriculture communication have scheduled a campus-wide open forum for 8:30-10:30 a.m. Wednesday, Dec. 11, in the Memorial Union Ballroom, Memorial Union.

The forum is a follow-up to the departmental information technology meetings held spring semester and will include a feedback summary, a discussion of the summary's key points and an opportunity for attendees to share thoughts on the summary. Text of the summary is found at www.ndsu.nodak.edu/its/about/departments_visits/dept_visits.shtml, and text of the planned discussion items is found at www.ndsu.nodak.edu/its/about/departments_visits/overview.shtml.

Faculty, staff and students are welcome to attend the event.

Safe computing alert: Opaserv worm

Dozens of campus machines have been infected with the Opaserv worm, a worm that tends to hit older Windows systems such as Windows 95, 98, 98 SE, and ME. It can infect a machine across the net automatically via open shares, even those that are password protected. Once infected the machine will scan the Internet for other machines to infect and is usually detected by that traffic. Opaserv is not usually passed via e-mail, but propagates directly over the Internet. More information about Opaserv is available at www.ndsu.nodak.edu/ndsu/hoag/opaserv.html

All campus computers should have anti-virus software installed and updated automatically. McAfee anti-virus software is provided free of charge for staff, faculty, and students and may be used on personal systems. Security updates also should be kept current and unnecessary services should be turned off. Questions on Opaserv or safe computing should be directed to the Help Desk at 1-8685.

ITS staff present paper on SPONGE project

Nancy Lilleberg, ITS multimedia coordinator, and Sheree Kornkven, ITS specialist and trainer, presented "Enhancing Support and Learning Services for Instructors and Students Who Engage in Course-Related Multimedia and Web Projects," at the Special Interest Group on University and College Computing Services (SIGUCCS) conference held recently in Providence, R.I. The project was initiated in response to the growing number of instructors who assign class projects requiring the use of technology tools such as Web development tools, video, and Power Point. The presentation featured three pilot class projects using common technology assignments including developing a Web site, a Power Point presentation and a music video. Students completed oral written evaluations of the project, the results of which were shared at the conference.

Instructors who would like more information the program should contact Kornkven at Sheree.Kornkven@ndsu.nodak.edu, or Lilleberg at Nancy.Lilleberg@ndsu.nodak.edu.

Shorts and Reminders

Grindberg to give talk on Research and Technology Park

Tony Grindberg, executive director of the NDSU Research and Technology Park, is scheduled to make a presentation on the research park at 3:30 p.m. Tuesday, Dec. 10, in the Memorial Union Century Theater. All faculty, staff and students are invited to attend.

Faculty Lectureship nominations reminder

The deadline for nominations for the 45th Faculty Lectureship is Wednesday, Dec. 11. Faculty, administrators and students are encouraged to submit names of individuals who have sustained professional excellence in teaching, scholarly achievement and service. Nominations, including the necessary supporting documentation, should be sent to committee chair Harriett Light, professor of child development and family science, E. Morrow Lebedeff room 283, by the deadline date.

Union Food Court specials for Dec. 4-11

Soup of the day

Wednesday: cheeseburger and vegetarian vegetable
Thursday: chicken tortilla and beef noodle
Friday: lentil and tomato
Monday: knoepfla and zesty Italian
Tuesday: wild rice and chicken noodle
Wednesday: chicken tortilla and broccoli cheese

The Corner Deli

Wednesday: chicken Caesar wrap
Thursday: roast beef
Friday: turkey
Monday: ham
Tuesday: chicken
Wednesday: All-American

A La Carte

Wednesday: grilled chicken alfredo
Thursday: hot ham and cheese wrap
Friday: hand-carved roast beef
Monday: spaghetti and meatballs
Tuesday: big Texan salad
Wednesday: chicken lasagna

Pizza Express

Wednesday: farmhouse
Thursday: Red River
Friday: Hawaiian
Monday: bacon cheeseburger
Tuesday: taco
Wednesday: creamy garlic chicken

The Union Grab and Go

Wednesday: meat lasagna
Thursday: beef broccoli
Friday: roast beef
Monday: chicken Szechwan
Tuesday: broasted chicken
Wednesday: beef teriyaki

Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 to check out all of our daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

Positions Available

Positions open and screening dates through the Office of Human Resources, Room 205, Old Main:

Heating Plant Operator (Entry Level)

Full-time, seasonal position
Seven months; rotating shifts
Physical Plant
\$9.50+/hour
Open until filled

Research Specialist/#5579

North Central Research Extension Center-Minot
\$26,000 minimum/year
(Position funded for a minimum of two years)
Dec. 6

Research Specialist/#5581

North Central Research Extension Center-Minot
\$26,000 minimum/year
Dec. 6

Sign Language Interpreter/Student Services

Hours negotiable
Mathematics/Financial Aid
Salary commensurate with education/experience
Dec. 11

Director/#546

International Programs
Salary commensurate with experience
Jan. 20

Position openings also are available through the NDSU Web site at www.ndsu.edu/jobs.

Calendar

December

- Through Dec. 19 Juried student art exhibit, Memorial Union Gallery. Reception 4-6 p.m. Wednesday, Nov. 20.
- Through Dec. 20 Baccalaureate exhibition—Andrew Rising, Reineke Visual Arts Gallery. Reception 1:30 p.m. Sunday, Dec. 8.
- 4-5 NDSU blood drive, 10 a.m.-3 p.m., west side of Memorial Union. I.D. required.
- 4 Memorial Union Gallery Gift Nook holiday sale 9:30 a.m.-6 p.m., Memorial Union Gallery. Call 1-7900 for more information.
- 4 YMCA of NDSU—Brown bag seminar, "HIV/AIDS," noon, Memorial Union Prairie Rose Room
- 5-8 Madrigal dinners, 6:30 p.m., Festival Concert Hall Grand Lobby. Tickets are \$30.
- 5 Entomology—Robert Dregseth, research specialist, "Novel Approaches to the Control of Sugarbeet Root Maggot," 1 p.m., Northern Crop Science laboratory large conference room

- 5 Plant sciences—Guillermo Van Becelaere, graduate student, "Use of Exotic Germplasm in Wheat Breeding," 3:30 p.m., Loftsgard 114
- 5 Business administration—Lester R. Brown, president, Earth Policy Institute, "Green Business: The Role of the Upper Great Plains in an Eco-Economy," 7 p.m., Askanase Hall
- 6-7 Theater arts—"Power Lunch," directed by Brad Delzer; "The Actor's Nightmare," directed by Blaine Edwards, 7:30 p.m., Askanase Hall Walsh Studio Theatre. Free.
- 6 Animal and range sciences—Carlos DeJesus-Arias, graduate student, "Supplementation of Nucleotides During Pregnancy and Lactation;" Christy Oliver, graduate student, "Nucleotides: The New Frontier in Nutrition," 3 p.m., Hultz 104
- 6 Psychology—David Matz, Augsburg College, "Affect Resolution in Groups: The Case of Dissonance Reduction," 3:30 p.m., Minard 209
- 6 Women's basketball vs. Concordia University, St. Paul, 7 p.m., Bison Sports Arena
- 9 Jazz ensembles concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for children, students and seniors.
- 10-21 Baccalaureate exhibition—Marla Yellow Bird, Reineke Visual Arts Gallery. Reception 4:30 p.m. Tuesday, Dec. 10.
- 10 Science, religion and lunch seminar—Uninhibited discussion and planning, noon, Memorial Union University Chamber
- 10 USDA-ARS—John Fellers, director of Kansas State University sequencing and genotyping center, USDA-ARS plant science and entomology research unit, "Using Wheat Genomics to Find Disease Resistance," 1 p.m., Northern Crop Science large conference room
- 11-May 1 "Down to Earth; Photographs of North Dakota," exhibit by Dan Koeck, photographer in publications services, President's Gallery, Old Main. Reception 4 p.m., Wednesday, Dec. 11.
- 11 Information technology open forum, 8:30-10:30 a.m., Memorial Union Ballroom
- 11 USDA-ARS—Mark Liebig, Northern Great Plains Research Laboratory soil scientist, "Soil Management Research at the USDA-ARS Northern Great Plains Research Laboratory," 3 p.m., Walster 220
- 11 Men's basketball vs. the University of Minnesota, Crookston, 7 p.m., Bison Sports Arena
- 11 Gold Star Concert Band and wind ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for children, students and seniors.
- 12 Entomology—Tom Baker, Iowa State University, "Science with Practice: Insect Olfaction and Applied Neuroethology," 1 p.m., Northern Crop Science laboratory large conference room
- 13 Printmaking and ceramic sale, noon-6 p.m., art building
- 13 Last day of classes
- 13-14 Women's basketball hosts the Comfort Inn Classic, 5:30 p.m. and 7:30 p.m., Bison Sports Arena
- 14 Men's basketball vs. Minnesota State University Moorhead, 1 p.m., Bison Sports Arena
- 15 Winter choral and brass ensembles concert, 2 p.m., Festival Recital Hall. Tickets are \$5 for adults and \$2 for children, students and seniors.
- 19 Entomology—Terry Adams, USDA-ARS (retired), "Paleocene Flora of North Dakota," 1 p.m., Northern Crop Science laboratory large conference room
- 19 Women's basketball vs. Minnesota State University Moorhead, 6 p.m., Bison Sports Arena
- 19 Men's basketball vs. Mayville State University, 8 p.m., Bison Sports Arena
- 20 Commencement, 4 p.m., Fargodome
- 21 Women's basketball vs. Valley City State, 1 p.m., Bison Sports Arena
- 21 Men's basketball vs. Valley City State, 3 p.m., Bison Sports Arena
- 25 Christmas Day; university closed

**University Relations
North Dakota State University
PO Box 5167
Fargo, ND 58105**