

Construction boom continues on campus

Everywhere you turn on the NDSU campus this summer, there seems to be a construction project underway. Workers are proceeding on no fewer than six major projects, with more coming in the near future.

"NDSU is continuing the phenomenal growth and expansion that we have seen since President Chapman arrived on campus," said Bruce Frantz, Physical Plant director. "There are probably more things going on this summer than at any time in the three years I've been here."

The \$3.2 million Minard Hall addition is moving along toward its completion in time for fall classes. The two-story addition is connected to the west side of Minard Hall and to the east side of the Music Education Building. The 23,000-square foot addition will be primarily a classroom building and will accommodate two Problem Based Learning laboratories.

The Living/Learning Center also should be ready for occupancy for the fall semester. The new \$8 million residence hall has four floors and encompasses 68,000 square feet. It will have a capacity of 168 beds in 70 studio apartments and 24 four-bedroom apartments. It also includes two classrooms.

Work is underway to renovate and expand the Residence Dining Center. The \$1.18 million project includes the remodeling of 11,000 square feet of dining and serving facilities, plus the incorporation of a solarium addition to the west side of the dining room. All serving areas will be remodeled to provide better access and serving options for students, with the seating areas being restructured for more variety.

The 400-stall horse barn for the NDSU Equine Science Center has a completion date of July 15. The 600' x 134' structure is located near 19th Avenue North, just east of 57th Street North in Fargo,

Scheduled to be finished in January 2004, construction on the Center for Nanoscale Science and Engineering in the NDSU Research and Technology Park currently is ahead of schedule. The 75,000-square foot structure will contain cleanrooms, electronics fabrication tools and state-of-the-art synthesis and characterization equipment. When completed, there will be space for more than 125 researchers and support staff. The project will be valued at close to \$30 million when fully equipped.

The NDSU Downtown campus project has started, scheduled for occupancy in fall 2004. The former Northern School Supply building will be renovated to house facilities for the visual arts, architecture and landscape architecture departments. It will include studios, classrooms, a wood shop, computer laboratory, gallery, an outdoor sculpture area and offices for the Tri-College University.

Frantz said NDSU is advertising for architects for a project to replace the Bison Court residence complex. Construction is expected to begin in spring 2004, with completion in summer of 2005.

In addition, Frantz said there is the potential for work to begin on a new building for the College of Business Administration and a renovation for the Bison Sports Arena. "Those projects are coming. They are just waiting for funding to be identified," Frantz said.

Frantz adds that the main campus should not experience the disruption and pedestrian inconvenience of last summer, when steam line replacement caused excavation sites across many areas of NDSU. "These are really exciting times. There is never a dull moment at NDSU," he said. "I fully expect the summer of 2004 to be just as energetic."

Libraries closed Independence Day

All NDSU Libraries and the Institute for Regional Studies will be closed Friday, July 4, in observance of Independence Day. Regular summer session hours resume Sunday, July 6. For a current listing of hours consult the Libraries' Web page at www.lib.ndsu.nodak.edu, use the HRS command on the online catalog or call the information tape at 1-9456.

Next Issue

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NDSU gets \$4.6 million renewal of Navy grant, develops 'combi' lab

Combating barnacles is making big news in landlocked Fargo.

The Office of Naval Research has added \$4.6 million to NDSU's program aimed at developing "anti-fouling" coatings for ships. In essence, the Navy wants NDSU researchers to come up with paints that prevent organisms like barnacles, algae and tube worms from sticking to its ships.

The grant will be used by the Center for Nanoscale Science and Engineering, in cooperation with the Department of Polymers and Coatings. The program was launched in June 2002 with a \$3.2 million grant.

"We want to banish the barnacles," said a smiling Philip Boudjouk, vice president for research, creative activities and technology transfer. "We're very strong in silicone chemistry at NDSU, and we're going to be developing a whole new class of silicone coatings for Navy ships."

Barnacles and related marine fouling organisms cause quite a dilemma for the Navy. They can have an impact on a ship's steering and maneuverability. They cause drag, affecting fuel consumption and a ship's range to the tune of an estimated cost of \$30 million to \$60 million per year. Also, there are concerns that vessels with attached marine life might alter an area's eco-system.

In the spotlight of NDSU's research is the university's new high throughput combinatorial chemistry, or "combi," laboratory. Considered the only one of its kind in the world, the lab allows for experiments at an amazing pace.

Partnering with Symyx Corp., Santa Clara, Calif., an array of cutting-edge robotics equipment and control software worth \$2.4 million was installed on campus last year, and \$2.1 million more will be added with the new grant. The facility will be used to develop new materials for the coatings. Just as importantly, the researchers will design methods for development, analysis and large-scale production.

The core component of the recently installed equipment is a glove box, with an air lock system ensuring an inert atmosphere for experiments. There also is a parallel coatings formatting system with an automated pipette and viscosity measurement system, coatings application unit and a coatings surface energy measurement tool.

"Nearly every faculty group or guest we bring through the facility thinks of how these robot-assisted tools can be applied to their research," said Gregory McCarthy, center director and associate vice president for interdisciplinary research. "With our second phase of funding from the Office of Naval Research we will not only acquire new Symyx tools, but be interfacing a whole range of automated synthesis and characterization equipment with the Symyx's control and analysis software."

New micro-electronic, multi-sample array equipment brings incredible speed to the protective coating development process. "The old-fashioned way is to make a polymer, make a coating, test the coating and then you make the next polymer," said Dean Webster, professor of polymers and coatings. "Now we can do a lot of things at once, on a very small scale, using the computerized systems, laboratory robotics and automated information systems. Right now, we are focusing on 24 samples at a time, but, really, the sky is the limit. We can do in a few days what normally would take several months."

Boudjouk said that is just the beginning. "We will be able to accelerate some steps by factors of 100 or 1,000," he said. "With the new technology, we will eventually be able to perform as many as 140 to 380 experiments at once, and do in five hours what might normally take a year to accomplish."

The procedures that the researchers will develop may have a wide range of uses. According to Boudjouk, the work could be applicable to producing new pharmaceuticals, semiconductors, toxin alerts, anti-oxidants and plastic frameworks for microelectronic devices. "This Navy project is really the crowbar that opens the door for NDSU in this area of research," he said.

In addition, the development of the lab has generated four high technology positions that did not exist in the Fargo area one year ago. "We were delighted when the top candidates for three of these positions turned out to be NDSU graduates, and a fourth was a North Dakotan who had a degree from Concordia College," said McCarthy.

Meanwhile, as Webster stood in the Dunbar Hall laboratory that is now filled with new equipment, he said, "I feel incredibly fortunate. This project rapidly takes us to the forefront of the technology for developing coatings. I am amazed and excited about this, because it builds on NDSU's strong reputation in polymers and coatings."

The first coatings samples developed with the new technology have just been sent to Florida, England and Hawaii for field testing at Navy sites.

Science and mathematics Scholars Day celebration held

The College of Science and Mathematics recognized its 2002-03 scholarship recipients and donors at a Scholars Day luncheon held May 10.

The college awarded more than \$76,000 in scholarships to 167 students during the academic year. Senior Jennifer Docktor, Jamestown, N.D., thanked donors on behalf of scholarship recipients. Docktor was the 2002-03 recipient of the McCarthy Science Teacher Education and the Sinha Family scholarships.

R. Craig Schnell, provost and vice president for academic affairs, and Alan R. White, dean of science and mathematics, gave opening remarks.

Residence hall greeters sought

The Department of Residence Life is asking faculty and staff to participate in the Residence Hall Greeter program. Sign-up forms will be sent out during the summer.

Participants will greet and mingle with students and families on Sunday, Aug. 24, when students begin checking into the campus residence halls for the fall semester.

"For the past seven years we have invited faculty and staff to be a part of this program," Jennifer Krueger, Residence Life's assistant director for leadership and community development, wrote in a message to campus personnel. "The feedback received from past participants has been very positive. We are excited to see this program continue to grow."

For more information, contact Krueger at 1-6255 or Jennifer.Krueger@ndsu.nodak.edu.

Policy updates listed

The following policies have recently been added or revised. The complete policies are available at www.ndsu.nodak.edu/policy/. Items identified by a "*" indicate a new policy.

Policy 133—Educational Policy

Amends policy to allow the university to waive non-resident tuition requirements for a regular employee who is employed at least half-time.

Policy 138—Insurance Benefits

Addition of the new vision plan offered through NDPERS.

Policy 146—Military Leave

Amends policy to add new language created by SBHE Policy 510 regarding military leave for students.

Policy 151—Conflict of Interest

Adds a more comprehensive conflict of interest notice requirement which includes all employees of NDSU, not just those involved with contracts.

Policy 154—Distribution of Literature

Revises the policy to provide consistency between NDSU policy and the Code of Student Behavior.

Policy 155—Alcohol and Other Drugs: Unlawful Use by Students, Faculty and Staff

The revision is the result of the work of a committee appointed by George Wallman, vice president for student affairs. The revisions reflect changes in NDSU's legal responsibilities as well as efforts to make the policy more readable and understandable.

Policy 157—Grievance Procedures

Adds language to clarify that the Conditions of Employment Grievance Procedure for broadbanded employees is for regular employees who have completed their probationary period.

Policy 170—Payment of Meals for Staff and Guests

Clarifies the reimbursement of business meals at actual cost and the need for a guest, and also identifies a resolution procedure for disputes.

Policy 202—Procedures for Filling Broadbanded Positions

Adds a step requiring the completion of a Criminal Record Disclosure form prior to approval of a new hire.

Policy 304—Academic Staff and Executive/Administrative Positions: Procedures for Filling

Adds a step requiring the completion of a Criminal Record Disclosure form prior to approval of a new hire.

Policy 320—Faculty Obligations and Time Requirements

Clarifies the assumption that advising and other normal expectations of a faculty member apply during summer appointments as well as during the academic year.

Policy 326—Academic Misconduct

Adds a definition for plagiarism to university policy by drawing on the AAUP Statement on Plagiarism while recognizing that specific academic disciplines and professional organizations may have additional elements in their definitions.

***Policy 327—Evaluation of Academic Deans, Directors and Department Chairs**

Adopted by University Senate to establish standards and procedures for evaluating academic deans, directors and department chairs.

***Policy 331.2—Policy on Instructors and Students Being Family/Household Members**

Describes actions to be taken if a student is a member of the family of an instructor in whose class the student is enrolled.

Policy 343—Confidential Proprietary Information

Revised to reflect current SBHE policy, although certain restriction on student projects involving confidential information were retained as NDSU policy.

Policy 400—Purchasing General Policies

Reflects changes in SBHE policy and incorporates the following recommendations from a recent audit as well:

1. Increased open purchases from \$750 to \$1,000.
2. Revised section 3.2 so that NDSU employees (with supervisor authorization) may make purchases from \$1,001-\$5,000 if they are delegated purchasing authority in writing by the Director of Purchasing after completing the proper training.
3. Added specific items to the list in section 6.1 that do not require competitive bidding.

Policy 401—Leasing Policy

NDSU policy 401 has been updated with the current language, and the leasing procedures have been placed at the end of the policy.

Policy 405—Emergency Purchasing

Reflects changes in SBHE policy which waives policies governing purchasing procedures if the purchasing agent (or other designated authority) determines that an emergency requires such action.

Policy 706—Traffic and Safety/University Police

Amends policy to include language regarding firearms, explosives and other weapons and requires authorization from the Chief of Police, who will coordinate with NDSU vice presidents to have such items on university property.

Policy 712—Contracts and Agreements

Delegates signature authority by the vice president for business and finance to the director of purchasing in the area of purchase agreements and leases.

Policy 718—Public/Open Records

Reflects change in SBHE policy what requires institutions to adopt procedures implementing FERPA provision governing release and transfer of student disciplinary records.

Policy 805—Allowable Cost Policies-Compensation for Personal Services

Changes administrative procedure to pay overload by using a newly created Payroll 103 form, available online at www.ndsu.nodak.edu/forms/.

Burdick book receives publishers award

"Prairie Populist: The Life and Times of Usher L. Burdick," by Edward C. Blackorby, received first place in the biography/memoir category of the Midwest Book Awards at a ceremony held May 14 in St. Paul, Minn. The 2001-02 book awards were presented by the Midwest Independent Publishers Association.

The biography of the North Dakota Congressman was published by the North Dakota Institute for Regional Studies at NDSU and the State Historical Society of North Dakota.

The book tells the story of the outspoken Burdick from his upbringing on Graham's Island in north central North Dakota to his role as a senior legislator in the U.S. Congress.

Physical Plant to become Facilities Management

Effective July 1, NDSU's Physical Plant will be renamed Facilities Management. Bruce Frantz, Physical Plant director, made the announcement at a department meeting May 27.

"The department has a long, proud history, and it has been an integral part of NDSU and its evolution since 1890," Frantz said. However, he said it is time for an updated name to reflect a broader approach to managing university facilities.

"We have been there to deal with the day-to-day routine issues. We have been there for major renovation and new construction projects. We have been there for presidential visits. We have been there for natural disasters," Frantz explained. "As Physical Plant's responsibilities become more diverse, the name Physical Plant no longer identifies our broad responsibilities."

Frantz said the new name will be similar to those at NDSU's peer institutions, as identified by the State Board of Higher Education. "To better reflect our responsibilities and to be more like our peer institutions, our name will become Facilities Management," he said.

He said there will be some obvious changes to make, such as stationary, business cards, uniforms, Web site and signs. "But these will have a minimal impact on our budget," Frantz said. "This change has been in discussion for some time, so we have been reducing the inventory of these items in anticipation of the change. I feel this change is important to our department and the university, but I did not want to spend lavishly when there are other needs across campus."

Art Building decorated with mural

Senior Judith Feist's summer independent study project makes a statement in a big way.

Feist has started work on a mural that will cover the entire south side of the Art Building. She hopes it gets the attention of passersby, and that they'll think about NDSU art students when they see it.

"Because it faces 12th Avenue North, everyone will see it driving to or from work," said the native of Minot, N.D. "I want people to say, 'That's the Art Building,' instead of the building that looks like three barns."

The design is a series of faceless heads. Each on a panel about 5 feet by 3 feet, she will paint about 40 of them before she completes her work.

"It's about identity. It's about the faceless students who may not have been recognized by the public," Feist said, with a look of determination. "People often think of NDSU as an engineering school or for its athletics. But, we have a fine theater and music program, and we're progressively getting a good art program. I want to represent the talented students in this department."

Feist, who is focusing on printmaking as she studies for her Bachelor of Fine Arts degree, said the theme carries a dual meaning. "I also think that when we graduate from high school, students are identity-less. It's in college that we gain identity through our instructors and our fellow students," she said. "It represents that, too."

Feist is using paints of all kinds—oil, latex, spray cans—and as many colors as she can find in the cabinets that hold leftover paint from previous art department projects. That, also, represents a special meaning to her.

"It's symbolic to me because art students don't have a lot of money to buy elaborate tools," Feist said, noting she's not sure, however, if she'll use three gallons of bright pink paint that she found. "We don't throw anything away, because we try to look it over and think of ways to use it. But, that pink is really bright."

People

Koo receives Chamber Distinguished Professor Award



Koo

Won W. Koo, professor of agribusiness and applied economics, was named the 2003 NDSU Distinguished Professor by the Chamber of Commerce of Fargo Moorhead. Koo also serves as director for the Center for Agricultural Policy and Trade Studies.

Koo has been on faculty at NDSU for 22 years and is recognized as one of the nation's top economists working in the area of agricultural trade. A prolific author and a source of policy guidance for lawmakers, he is the 23rd recipient of the award.

Each year the university solicits applications for the NDSU Distinguished Professor Award. The award is presented to a faculty member who demonstrates superior teaching skills, outstanding interaction with students and community service. Other criteria include significant publications or other scholarly achievements, recognition and awards, leadership in national organizations and editorships and bringing to the university financial and other support for scholarly activities from external sources.

Chamber of Commerce president John Campbell said, "The Chamber and the community are extremely proud of the long-standing history of quality education and exceptional educators in our region. We congratulate Dr. Koo on this well-deserved honor."

A native of South Korea, Koo received his bachelor's degree from Chunpuk National University, his master's degree at Korea University and his doctorate in economics from Iowa State University. He has published three books, more than 65 refereed journal articles and book chapters and more than 170 technical reports. In addition, he has made 113 presentations to professional and lay audiences on four continents.

The Distinguished Professor Award was established by NDSU, community leaders and the former Fargo Chamber of Commerce in the early 1970s. The first award was presented in 1978.

Barnhart to lead University Senate

Outgoing University Senate presiding officer David Rider, associate professor of entomology, passed the gavel to incoming presiding officer Thomas Barnhart, professor of health, nutrition and exercise sciences, at the group's May 12 meeting. Barnhart will head the University Senate during the 2003-04 academic year.

Barnhart thanked Rider for his service and described him as a "champion" for the University Senate. Barnhart said one of his goals for the coming year is to study the salary compression issue at NDSU.

Craig Schnell, provost and vice president for academic affairs, presented Rider with a plaque to acknowledge his leadership of the University Senate.

In other business, it was announced that Donna Terbizan, associate professor of health, nutrition and exercise sciences, was elected as a new member of the Standing Committee on Faculty Rights and Ann Burnett, associate professor of communication, was re-elected to the Council of College Faculties.

Burton to leave NDSU Graduate School

Velmer Burton, dean of the Graduate School and professor of sociology, has been named chancellor of the University of Minnesota, Crookston. Burton will begin his new duties June 30, pending approval by the University of Minnesota Board of Regents.

"I'm very pleased with the opportunity to go to Crookston, join the University of Minnesota and remain in this region," Burton said. "I look forward to an exciting future at UMC, working with the faculty and campus community to further develop the institution. I am familiar with the Crookston campus because a number of their undergraduates enroll at NDSU for graduate study. Also, many of Crookston's faculty work with NDSU faculty on research initiatives and grants."

Burton replaces Don Sargeant, who is stepping down after 18 years as UMC chancellor to take a one-year sabbatical. Sargeant plans to return to UMC in a consultative or development role.

In his three years at NDSU, Burton led a significant expansion of the university's graduate programs. Since 2000-01, NDSU has developed 19 new doctoral programs and six master's programs, and enrollment in graduate programs increased from about 860 to a projected 1,500 next fall. Enrollment in doctoral programs increased from 167 in 2000-01 to 346 in 2002-03.

"I'm going to miss everyone at NDSU. This is, by far, the best experience I've had as an academic administrator," Burton said. "President Chapman's vision for NDSU is excellent, and I've been fortunate to be a part of that as it started to emerge. Provost Schnell has been instrumental in seeing the vision come through. Credit also goes to the faculty who developed the doctoral programs, and the deans and chairs are the finest you'll find at any land-grant institution.

"The future looks bright for the university," Burton said. "NDSU has transformed, and it has now arrived on the national scene among land-grant research universities. I'm happy to have been a part of that."

A native of Middletown, Ohio, Burton holds a doctorate in sociology from the University of Cincinnati and a doctorate in higher education management from the University of Pennsylvania. Prior to working at NDSU, Burton was associate provost for graduate studies and research at Southeast Missouri State University, and has been on the faculty at Washington State University. A national search will begin immediately for Burton's replacement.

Staff Senate officers announced

The NDSU Staff Senate has announced its officers and representatives for the 2003-04 academic year. Officers are Pamela Hommen, president; Susan Bornsen, president-elect; Nancy Mueller, past president; Barb Geeslin, secretary; Gina Haugen, treasurer; Cindy Kozojed, membership officer; Gretchen Bromley, member-at-large executive committee; Dolly Wadholm, member-at-large executive committee and Lisa Zolondek, member-at-large executive committee.

The University/Faculty Senate representatives will be Hommen, Carolyn Beckerleg, Kim Miller and Candy Skauge.

The Campus Space and Facilities Committee representative will be Bob Peterson, representatives on the Computing and Information Technologies Planning and Goals Committee will be James Kapaun and Sheree Korknven, the representative on the University Athletics Committee will be Susan Council, and the Library Committee representative will be Irene Askelson. Other committee representatives are Sharon Morgan, Kozojed and Janine Trowbridge (alternate) on the Council of State Employees (COSE); and Beckerleg and Geeslin in the Health and Wellness Advisory Board.

Kris Shenk dies



Kris Shenk

Kristine Dinusson Shenk, student service associate in the Graduate School, died May 16 at Methodist Hospital, Rochester, Minn. She was 57.

An NDSU alumna, Shenk earned a bachelor's degree in 1967. She joined the Graduate School in 1999, following a diverse career that included positions with the Associated Press in Fargo and San Diego; San Diego Evening Tribune city desk reporter; public relations account executive jobs for two California firms; promotions manager for the San Diego Conventions and Visitors Bureau; Southern California manager of the "Yes We Can" recycling program; public relations director for Occidental Petroleum Corp., El Cajon, Calif.; education director at Lutheran Church of the Cross, Bismarck, N.D.; and executive director of Dakota Stage Ltd., Bismarck-Mandan's community theater.

Shenk is survived by one son, her mother, two stepsons and a brother.

New student financial services director hired



Kennedy

James Kennedy has accepted the position of NDSU's director of Student Financial Services effective July 7. He will replace Robert Neas, director of financial aid, who is set to retire June 30.

"I'm looking forward to returning to Fargo to work at NDSU," said Kennedy, who earned a bachelor's degree in business from NDSU in 1987.

Kennedy currently is senior associate director of student finance at the University of Minnesota, Minneapolis. Prior to that, he held positions with the Higher Education Assistance Foundation, the College of St. Catherine and Emory University.

Gregor named Fulbright scholar

Sarah Gregor, a spring 2003 graduate in geology, recently was awarded the prestigious Fulbright scholarship. The native of Wahpeton, N.D., will study for one year at the University of Hannover in Germany.

"I was really, really excited and had to run around telling all my friends and family," Gregor said of receiving the notification she had been named a Fulbright scholar. "A little fear is settling in right now, because I don't speak German very well. It will be hard to leave everyone for a year, but I am glad this happened to me."

Gregor will work with geologists at the Bundesanstalt für Geowissenschaften und Rohstoffe (BGR), the German equivalent of the U.S. Geological Survey. Her research will involve the ores of the platinum group elements, which are rare, precious metals that include platinum, palladium, iridium, rhodium, osmium and ruthenium. She will study abundance irregularities within the platinum group elements and explore new ways to remove the material from rock.

"This is going to be a big career booster for me," said Gregor, who will attend a six-week German language training course, beginning Aug. 14. Her studies start in October.

Gregor's adviser is Donald Schwert, professor of geology. Bernhardt Saini-Eidukat, assistant professor of geology, assisted her with the Fulbright application process.

Gregor joins NDSU entomology doctoral student Paul Tinerella, who earlier was announced as a Fulbright scholar for the 2003-04 academic year. Tinerella will travel to the Australian Museum, Sydney, Australia, where he will continue work on his dissertation research, "A revision of the Micronectinae (Heteroptera: Corixidae)." Tinerella will study the use of aquatic Heteroptera as water quality indicators. His adviser is David Rider, associate professor of entomology.

"One of the key components of the Fulbright award is the opportunity to study and conduct research in another country," said Kerri Spiering, NDSU Fulbright program adviser and interim director of international programs. "Students learn about cultures and other points of view through hands on experience in the host country. They are able to expand their world outlook and bring back broader perspectives that they then can pass along to others."

Spiering said the Fulbright program received 139 applications for Australia and had 17 grants available. For Germany, she said the program received 357 applications and had 182 grants available.

Spiering also notes that the Fulbright competition is open for the 2004-05 academic year, with information available at www.iie.org/fulbright/us. The on-campus application deadline is Sept. 22.

The Fulbright program was established in 1946 to increase understanding between United States citizens and other countries through student, knowledge and skills exchanges. Sponsored by the State Department, the Fulbright U.S. Student Program offers opportunities for recent graduates, postgraduate candidates and developing professionals and artists to study and conduct research abroad. The program awards about 1,000 grants each year and operates in more than 140 countries around the world. Fulbright full grants generally provide funding for such things as travel, living expenses, insurance and tuition.

Ashworth receives grant to continue Antarctica research

Allan Ashworth, professor and chair of geology, has received a three-year \$220,000 National Science Foundation Polar Programs grant to continue his research on fossils in Antarctica. He plans to return to a site about 500 kilometers from the South Pole in mid-November for six weeks of field study.

Ashworth will head an international team consisting of Jane Francis, a fossil wood specialist from the University of Leeds, England, David Cantrill, a paleobotanist from the Swedish Natural History Museum, Stockholm, and a stratigrapher and a mountaineer yet to be named.

"We are studying the climate history and the ancient life of Antarctica," said Ashworth, who will journey to the Meyer Desert Formation on the Beardmore Glacier in the Transantarctic Mountains, looking for fossils in strata that are several million years old. "The site is within sight of the polar plateau, so it is a pretty bleak spot."

The Beardmore Glacier is the glacier that many of the famous early explorers, such as Shackleton and Scott, traveled up in their attempts to reach the South Pole.

Antarctica is the fifth-largest continent, with an area of approximately 14 million square kilometers. Of that, an estimated 13.7 million square kilometers is covered with ice.

But, according to Ashworth, the continent was much different in its geologic past. About 100 million years ago, Antarctica was part of the supercontinent Gondwana, which was made up of all the existing continents of the southern hemisphere plus India, and was cloaked in forests that were the home of dinosaurs. The dinosaurs had become extinct about 65 million years ago, when Gondwana broke apart and Antarctica became progressively isolated from Africa, Australia, New Zealand and South America. The large ice sheets probably started to form about 34 million years ago, in response to changes in ocean circulation. Following the formation of the ice sheets, the climate continued to cool and gradually the rich biodiversity was reduced to a tundra vegetation.

Trying to determine when the tundra vegetation became extinct is one of the problems that Ashworth is working on. The estimates so far are a time frame of 3 million to 17 million years ago.

In the Beardmore Glacier region where he will be working, the terrain was far different in ancient times. A long fjord opened up into the interior of the continent from the Ross Sea, Ashworth explained. "Tundra plants and organisms had managed to migrate up the fjord lined by mountains and inhabit an outwash plain in front of a glacier that periodically advanced and retreated. Their fossils accumulated in the deposits of the shallow river channels," he said.

On a previous expedition, Ashworth discovered fossils of a fly, freshwater mollusks, beetles and plant life. His work with the fly puparium was recently published in *Nature*, and was covered by CNN and other media.

"We've had a number of first-of-their-kind discoveries. One of the big hopes is that that would continue," he said. "We hope to find more and better preserved fossils than we found previously and also some more evidence of freshwater and terrestrial vertebrates, maybe fish and mammals."

Ashworth said his team has refined its search procedures and how to study the fossils upon returning to the laboratory. He said that the fossils are entombed in rocks that are like concrete, and extracting them involved "heavy-handed" procedures that were destructive.

"We discovered that we were destroying a lot of delicate structures, so we're planning to employ different techniques," Ashworth said. "We hope to locate much better preserved fossils during the field study. We will identify them with much more certainty and it will enable us to determine their relationships with the living relatives of the organisms in South America, New Zealand and Tasmania. More detailed paleontological information and better controls on the age of the deposits will enable us to gain more knowledge about the more geologically recent climate history of Antarctica, which remains poorly known."

Yazdani named civil engineering chair

Siamak "Frank" Yazdani, professor of civil engineering, has been named to a three-year appointment as department chair. Yazdani succeeds G. Padmanabhan, professor of civil engineering, who served as chair for four years.

A nationally-recognized expert in structural engineering, Yazdani started at NDSU in 1989. According to Otto Helweg, dean of engineering and architecture, Yazdani has an excellent research record in both publications and external funding. His research interests include constitutive modeling of concrete, geological materials, ceramics and composites. He also has conducted research on damage assessment in construction materials and biomechanics.

He has a doctorate from the University of New Mexico, where he received the Chi Epsilon Teaching Excellence award. He has been nominated NDSU's College of Engineering and Architecture Teacher of the Year award, and regularly receives outstanding evaluations from students.

Padmanabhan will continue teaching and as director of the North Dakota Water Resources Research Institute.

Veterinary, microbiological sciences presentations

Faculty, staff and graduate students from veterinary and microbiological sciences and the Great Plains Institute of Food Safety were presenters at the annual general meeting of the American Society for Microbiology held May 19-22 in Washington, D.C.

Posters and abstracts presented included:

- "Comparison of Cytotoxic Necrotizing Factor 1 Sequences of *Escherichia coli* Incriminated in Mink and Bovine Colibacillosis"—S.M. Horne, C.W. Giddings, J.L. Goplin, R.J. Tiobbets, E.D. Handegard, N.W. Dyer and L.K. Nolan
- "Antimicrobial Resistance of *Campylobacter* Using the Agar Dilution Method"—C.M. Logue, E.M. Lutgen and J.S. Sherwood
- "Molecular Analysis of Multidrug Resistant *Salmonella*"—P.A. Olah, J.S. Sherwood and C.M. Logue
- "Prevalence of *Listeria*, *Salmonella*, *Escherichia coli* and *Escherichia coli* O157 on Bison Carcasses During Processing"—Q. Li, J.S. Sherwood, M.R. Dockter and C.M. Logue
- "The Role of Beef in the Transmission of *Cryptosporidium spp*"—J. Mc Evoy, E.M. Moriarty, G. Duffy, J.J. Sheridan and C.M. Logue

Sellnow named faculty athletic representative

President Joseph A. Chapman has appointed Tim Sellnow, professor of communication, as the faculty athletic representative for Bison Athletics. Sellnow succeeds Velmer Burton, dean of the Graduate School and professor of sociology, who is leaving campus to become chancellor of the University of Minnesota, Crookston.

"Dr. Sellnow will play a significant role as the NDSU athletics department moves to NCAA Division I," Chapman said. "He is well known and highly regarded on this campus, a person who is committed to NDSU's future. Dr. Sellnow will do a fine job as NDSU's faculty representative."

"I can't think of a more exciting time to have this position," Sellnow said, referring to the university's transition to Division I. "As a professor of organizational communication, I clearly understand that change is always difficult. But, we have such an outstanding program that NDSU's transition will be smoother and more productive than you might expect with a major change like this."

The position's duties include being as a liaison between faculty, administration and athletics; serving on the University Athletics Committee; assisting in institutional certification processes; participating in compliance reviews; administering NCAA coaches' exams regarding recruiting and compliance; and attending conference and NCAA meetings.

"We're very excited that Tim has accepted the position," said Gene Taylor, director of intercollegiate athletics. "He's been a big supporter of the athletics program, and I'm excited to get to work with him, as is Lynn Dorn. We're hoping that his experience in a lot of different areas will help through the transition to Division I."

Sellnow, who joined the NDSU faculty in 1988, earned a bachelor's degree at St. Cloud State University, a master's degree at NDSU and a doctorate at Wayne State University, Detroit.

Logue re-appointed to food safety, inspection national advisory committee

Catherine Logue, assistant professor of veterinary and microbiological sciences, has been appointed to a second term on the Department of Agriculture Food Safety and Inspection Service's national advisory committee for meat and poultry inspection.

The committee advises the service on matters relating to meat and poultry production safety. Established in 1971, the committee provides advice and recommendations to the secretary of agriculture on meat and poultry inspection programs. Its members represent industry, state, academia and consumer interests.

Logue joined the NDSU faculty in 1999. A native of Ireland, she has a bachelor's degree from St. Patrick's College, Maynooth, Ireland; a post-graduate diploma in food science and technology from England's Institute of Food Science and Technology and a doctorate in food and meat microbiology from the University of Ulster, Northern Ireland.

Crawford, Neas author EDUCAUSE articles

Grant Crawford, North Dakota University System information officer, and Bonnie Neas, assistant vice president and director of internet research in research administration, each have co-authored articles for EDUCAUSE publications.

Crawford's article, "Fourth Annual EDUCAUSE Survey Identifies Current IT Issues," appears in the current issue of EDUCAUSE Quarterly, a practitioner's journal on planning, developing, managing, using and evaluating information resources and technology in higher education.

The article presents results of an EDUCAUSE survey conducted to collect information from members about their most demanding campus information technology related challenges. The article is available online at www.educause.edu/ir/library/pdf/eqm0322.pdf.

Crawford also serves as the higher education project director for the ConnectND project and chairs the 2003 EDUCAUSE current issues committee.

Neas' article, "Research Universities and Central IT Organization: Rebuilding the Partnership," was published in the May/June issue of EDUCAUSE Review. The article presents reasons for rebuilding and strengthening the partnership between a university's research community and its central information technology organization. It also asserts that research universities need to reassess their involvement with and planning for technology as a critical resource for research activity and success. The article is available online at www.educause.edu/ir/library/pdf/erm/0330.pdf.

EDUCAUSE Review is sent to member representatives as well as university presidents and chancellors, senior academic and administrative leaders, non-IT staff, faculty, librarians and corporations. It examines current developments and trends in information technology, what they mean for higher education and their possible effects on the college or university.

EDUCAUSE is a nonprofit association whose mission is to advance higher education by promoting the intelligent use of information technology. Membership is open to institutions of higher education, corporations serving the higher education information technology market and other related associations and organizations.

Softball players named to All-Region, All-Tournament team

Pitcher Lindsey Graham, second baseman Jenny Bakke and center fielder Jess Christensen were named to the 2003 National Fastpitch Coaches Association Division II All-North Central Region first team. In addition, Graham and shortstop Molly Pufall were named to the NCAA Division II Women's Softball Championship All-Tournament team.

Graham is a junior right-hander from Great Falls, Mont., who is a two-time North Central Conference Most Valuable Player. A junior from Anoka, Minn., Bakke also was named to the all-region first team in 2001. Christensen, a senior from Mankato, Minn., is a four-time All-NCC selection. Pufall is a senior from Esko, Minn.

NDSU ended the season with a 43-11 record, and placed third in the national tournament, held at Salem, Ore.

Hough named to national transportation project committee

Jill Hough, program director of Upper Great Plains Transportation Institute's small urban and rural transit research, has been selected to serve on the Transit Cooperative Research Program's (TCRP) oversight and project selection committee.

Established in 1991, TCRP is a research program designed to focus on the needs of transit operating agencies. It is sponsored by the Federal Transit Administration and implemented through an agreement within the National Academies of Science acting through the Transportation Research Board, the Transit Development Corporation, the educational and research arm of the American Public Transit Association and the FTA.

Hough and the committee, which is comprised of transit system managers, university representatives, suppliers and the FTA, will be involved in setting the research agenda for the TCRP, selecting projects submitted by the transit industry or developed to meet special research needs. Research topics are usually received from a variety of areas.

The Small Urban and Rural Transit Center (SURTC) was designed as a customer-oriented program with a strong research focus serving North Dakota, South Dakota, Montana, Wyoming and western Minnesota. According to Hough, the center's mission is to see that public transportation becomes a practical lifeline for the citizens of rural and small urban areas.

Through research that addresses issues such as social equity, transit ridership, improved technology and air quality, SURTC can provide information to transit agencies, businesses and communities to provide a link among transit users, transit providers, businesses and researchers. In addition, it will provide services to agencies, technology transfer, education and training, and facilitate the exchange of information relevant to the transit industry. The center also works with NDSU faculty to develop and incorporate public transit into curriculum.

Hough has more than a decade of research experience in transportation, conducting studies in Intelligent Transportation Systems, welfare to work, transit system coordination, county planning and economic development. She served as interim director of the transit intelligent vehicle initiative for the Federal Transit Administration in Washington, D.C., and was involved in creating NDSU's campus circulator bus program. Hough is a graduate of NDSU and is completing her doctorate at the University of California, Davis.

For more information, contact Hough at 1-8082 or jill.hough@ndsu.nodak.edu, or visit www.surtc.org.

Katti speaks at Brazil NSF conference

Kalpna Katti, assistant professor of civil engineering, spoke at a workshop on advanced materials held June 9-13 in Rio de Janeiro, Brazil.

The workshop, sponsored by the National Science Foundation, included 10 researchers in the mechanics of advanced materials who presented research and workshops on advanced composites. Katti was to present on the mechanics of bio-nanocomposites.

Other presenters represented Princeton University, Northwestern University, Brown University, Massachusetts Institute of Technology, Texas A&M University and mechanics of materials program managers at the NSF.

Evelyn Morrow Lebedeff dies

NDSU alumna and benefactor Evelyn "Evie" Morrow Lebedeff died in her home in Asheville, N.C. Jan. 25. She was 95.

Born in Erie, N.D., Lebedeff was the daughter of Robert and Isabella Morrow. She began attending North Dakota Agricultural College on scholarship at age 17, and received a bachelor's degree in home economics in 1928.

During her years at NDAC, Lebedeff was president of the Art Club, secretary of the Home Economics Club, treasurer of Delta Psi Kappa (honorary physical education sorority), and vice president and corresponding secretary of the Women's Athletic Association. She was active in the YWCA and participated in riflery, soccer, field hockey, baseball and basketball. During her senior year, she was chosen to be a member of Senior Staff, a group of six women who served as aids to the Dean of Women regarding regulation of women's affairs on campus. Senior Staff became Mortar Board in 1964.

Upon graduation from NDAC, she taught school in rural North Dakota and Minnesota, and later became the University of Minnesota's director of home extension agents. In 1945 she was appointed agent supervisor of the Minnesota Agricultural Extension Service, a position she held until 1956.

She earned her master's degree in educational administration in 1954 and her doctorate in educational supervision in 1957, both from the University of Chicago.

She also taught school in Guatemala and established a home economics department for a university in Ankara, Turkey.

In 1995, the Home Economics Building was rededicated E. Morrow Lebedeff Hall in her honor. Lebedeff has made donations to the university in the form of several endowments. The Robert H. and Isabella Morrow Costume Collection Endowment helps to expand and maintain the Emily Reynolds Costume Collection. The James Lebedeff Endowed Professorship provides financial assistance to an existing faculty member who has been judged an outstanding teacher and researcher in his or her field. The Dr. Evelyn Morrow Lebedeff Scholarship provides financial assistance to students majoring in child development and family science; nutrition; hospitality and tourism management; apparel and textiles; interior design; facility management and family and consumer science education. The Dr. Evelyn Morrow and James Lebedeff Never Stop Learning Scholarship Fund, provides financial assistance to doctoral students in the College of Human Development and Education. The Robert H. and Isabella Morrow endowment was started for ongoing maintenance of the Evelyn Morrow Lebedeff building.

NDSU also honored Lebedeff with the Distinguished Alumni Award in 1968 and an honorary doctorate in home economics in 2001.

Pharmacy faculty receive recognition

Robert E. Nelson, lecturer in pharmacy practice; Justin Welch, clinical assistant professor of pharmacy practice; John J. Wagner, associate professor of pharmaceutical sciences; and community pharmacist Laurie Larson received recognition awards at the College of Pharmacy's annual graduation hooding ceremony held May 16 at Bentson Bunker Fieldhouse. More than 500 people attended the ceremony.



Nelson

Nelson was named the college's Teacher of the Year. The award is presented to a faculty member chosen by students in the professional program for outstanding performance and commitment to teaching. A board certified pharmacotherapy specialist, Nelson teaches didactic coursework in the pharmacy professional program and is a preceptor for pharmacy students in clinical rotations. He currently works as a clinical pharmacy specialist in critical care at MeritCare Medical Center, Fargo. He received bachelor's and Pharm.D. degrees from NDSU.



Welch

Welch was named the college's Preceptor of the Year. The award is voted on by students in their fourth year of the professional program, and is awarded to the faculty member who represents outstanding performance and commitment to clinical instruction of pharmacy students. Also a board certified pharmacotherapy specialist, Welch works as a clinical pharmacy specialist at the Veteran's Administration Medical Center, Fargo. He also teaches didactic coursework in the pharmacy professional program and is a preceptor for pharmacy students in clinical rotations. Welch received a bachelor's degree in pharmaceutical sciences and a Pharm.D. from NDSU.

Larson, a pharmacy owner, was named the college's Adjunct Preceptor of the Year. Selected by the graduating senior class, the award is given to a faculty member who represents outstanding performance and commitment by a practicing pharmacist in instruction of pharmacy students in clinical rotations, and who volunteers time to provide clinical instruction. Larson received a bachelor's degree in pharmacy from NDSU and owns Ye Olde Medicine Center, Park River, N.D.,



Wagner

Wagner was recognized at the college's Researcher of the Year. Selected by an outside peer review panel, the award recognizes a faculty member who has demonstrated outstanding achievements in research, and excellence and innovation in their scholarly work. A faculty member since 1996, Wagner teaches and conducts research in neuropharmacology. He has a bachelor's degree in chemistry from Eastern Washington University and a doctorate in pharmacology from the University of Washington, Seattle.

Coles, Larson, Godfrey win track honors

Kinsey Coles, a junior from Hillsboro, N.D. was named the United States Track Coaches Association Division II North Central Region Women's Athlete of the Year by a vote of region coaches. In addition, NDSU's Don Larson was selected USTCA North Central Region Men's Coach of the Year, and Ryun Godfrey was named North Central Conference Co-Women's Outdoor Track and Field Coach of the Year.

A seven-time NCAA All-American, Coles was the NCC champion in the 400-meters and 400-meter hurdles. She also ran a leg in the NCC champion 4x400 relay.

Larson, who was named the regional coach of the year for the fourth time, guided the Bison to their third straight NCC title. Larson has won 20 outdoor conference titles and 13 indoor conference titles during his 24 years at NDSU.

Godfrey led NDSU to its fifth straight women's NCC outdoor track and field title and its 11th title in the past 13 years.

Five inducted into Tapestry of Diverse Talents

Sanku Mallik, Thomas Carlson, Renu Jyoti, Jill Walkinshaw and Peg Furshong were inducted into the Tapestry of Diverse Talents in a ceremony held May 9. The Tapestry of Diverse Talents recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU.

Mallik, associate professor of chemistry, is a native of India. He has an undergraduate degree from the Indian Institute of Technology in Kharagpur, India, and a doctorate in chemistry from Case Western Reserve University, Cleveland.

In a letter of nomination, Mallik was described as a person of integrity, intelligence, patience, compassion and curiosity. One nomination noted that "not only does he bring cultural diversity to the school himself; he continually promotes it in his students and friends. He is an extraordinary person with an immense ability to promote understanding and diversity."

In addition, Mallik hosts an annual dinner for students representing a variety of backgrounds, cultures and countries in which each student brings a food item from their country of origin.

Carlson is an assistant professor of child development and family science. The Ojai, Calif., native also is the director of NDSU's Marriage and Family Therapy Clinic. The clinic has played host to the North Dakota marriage and therapy conference focusing on diversity, spirituality, creating a socially-just agency, the anti-racism movement, women and oppression and working with American Indian and Latino families.

Carlson is a spokesman and advocate of worldwide recognition on the issues of race/ethnicity, gender and power. He has collaborated with the People Escaping Poverty Project (PEPP), a local organization established to help those who feel the effects of class conflicts.

Jyoti is a senior majoring in management information systems with minors in computer science and speech communications. Originally from Janakpur, Nepal, she has lived in Fargo for eight years. She says that moving to the United States provided her with marvelous opportunities to learn about various cultures and also to share her own culture with Fargo-Moorhead community.

Since starting classes at NDSU in 1998, Jyoti has been a member of the International Student Association, the Toastmasters Club and the English Club. She currently serves as an ambassador for College of Business Administration. She hopes to further promote cultural diversity through involvement in various organizations at NDSU.

Walkinshaw, admission counselor, grew up in Argusville, N.D., and has lived in Fargo for seven years. She has bachelor's degrees in child development and family science and sociology, and a minor in women's studies from NDSU.

Walkinshaw has served as a Safe Zone ally, and as chair of the Dakota Association for College Admission Counseling's professional development committee. She also has served as secretary for the North Dakota Council of DACAC., which recently recognized her with the 2003 Friend of DACAC Award for outstanding contributions to college admission counseling.

In a nomination, Walkinshaw was recognized for her work with non-native English speaking students is to help acclimate them to the campus, NDSU procedures and numerous educational and social opportunities.

Furshong was born and raised in western Montana and earned a bachelor's degree in elementary education and a master's degree in educational leadership from Montana State University. She joined NDSU in 1997 as visual arts and gallery coordinator in the Memorial Union Gallery.

Furshong was recognized for taking initiative to see that exhibits in the gallery provide a diverse voice and perspective of the world art. She is a member of the Woodlands and High Plains Inter-Campus Powwow committee, the Multicultural Student Services advisory committee, Training Our Campuses Against Racism (TOCAR) participant, Safe Zone ally and Native American Student Association volunteer.

"I believe that one of the most important things we can do as individuals working in education is to weave diversity into every aspect of our lives," Furshong said. "As an educator, I want the students that I work with to leave NDSU with a rich sense of being and a greater appreciation for cultural experiences."

The Tapestry of Diverse Talents is a pictorial mosaic of individuals who contribute to the promotion and multiculturalism at NDSU locally, regionally, nationally or internationally. It recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU. It is located on the second floor of the Memorial Union.

AHSS faculty receive honors

Timothy J. Kloberdanz, associate professor of sociology; Charles Okigbo, professor of communication; and Richard Shaw, associate professor of English, recently were honored by the College of Arts, Humanities and Social Sciences for outstanding contribution to teaching, research and service during the 2002-03 academic year.

Kloberdanz was named the college's outstanding teacher. Known for using a wide variety of teaching techniques, Kloberdanz is consistently recognized as one of sociology's leading instructors. "This was one of the best courses I've ever taken," one student wrote. "The instructor is a storehouse of knowledge. This course helped me to discover things about myself."

Kloberdanz also was recognized for continually updating and improving his lectures, acting as a caring adviser, providing presentations in communities beyond NDSU and practicing good scholarship. After writing and narrating for the award-winning Prairie Public Television documentary, "Prairie Crosses, Prairie Voices: Iron Crosses of the Great Plains," he used material from that documentary in his Germans from Russia course.

Okigbo received the outstanding research/creative activity award. Having established himself as an internationally known researcher on global health issues, Okigbo writes extensively for top journals in the fields of health, development and media education. He has produced 34 published journal articles, 47 book chapters and six edited books. A regular conference presenter, Okigbo recently was principal investigator on a \$44,000 grant.

Okigbo has two bachelor's, three master's and two doctoral degrees. "This colleague has ample academic credentials for a lifetime of research activity," said Paul Nelson, chair and professor of communication. "He never quits learning; he never stops producing."

Shaw received the outstanding service award. He is involved in teacher education, universitywide assessment of student learning, teacher mentoring and general education curriculum

development. Shaw teaches all of the English department's teacher education classes, as well as those for the teaching assistants.

In a letter of support, Elizabeth Birmingham, assistant professor of English, said, "He has an excellent rapport with these beginning teachers, fostered by the extent to which he has stayed current in his field."

Shaw has served on the University Assessment Committee, helping to develop workshops to guide departments in assessment activities evaluations. In addition, he received a Bush grant to study writing across third-year courses at NDSU, assembling a large body of data about the connections among teaching, assignment design and student performance.

He also mentors pre-professional teachers in the English education program and is known for offering prompt, supportive and honest feedback. "He taught me how to not just teach, but make sure my students were learning," Birmingham writes.

SIFE group wins national recognition



Standing l-r: Burgum, Hanson, Flannery, Harter
Seated l-r: Schmitt, Barber, Heinrich, Trautman

Members of NDSU's Students In Free Enterprise (SIFE) chapter received recognition at the organization's national competition May 11-13 in Kansas City. The team took second place in the entrepreneurship assistance category, which

is sponsored by the Kauffman Foundation.

"It's been a pleasure to work with such outstanding students," said Charles Harter, associate professor and chair of accounting and information systems. Harter and Joel Hanson, Career Center assistant director, are Sam Walton Fellows and serve as advisers for the NDSU SIFE team. "Coming in second in the nation in this special category demonstrates the high quality of our students."

Harter said the students presented work on a series of projects related to entrepreneurship assistance. Among the projects were discussions with the NDSU Development Foundation to provide capital for start-up companies and the establishment of the monthly 5:01 Entrepreneur Cafe meetings.

"Both aspiring entrepreneurs and entrepreneurs from the area can meet at 5:01 in the evening to discuss such things as funding opportunities and business plans," Harter explained.

SIFE members who participated in the national competition included Benjamin Schmitt, who is majoring in mechanical engineering; business administration majors James Burgum and Abigail Barber; and Management Information Systems majors Bryan Trautman, Alison Heinrich and Daniel Flannery.

The team did not place in the overall competition, but Harter said the members received positive feedback from the judges. "The team was just on the verge," he said. "I think our team will place next year, if it works as hard as the one this year."

SIFE is a worldwide organization with 1,400 participating universities and colleges in 33 countries. It teaches how free enterprise operates through outreach projects to assist children, college students and the community.

Grant-in-Aid awards announced

The Office of Sponsored Programs Administration has announced the 2003 Grant-in-Aid awards. Twenty-six applications were received, resulting in twelve awards totaling \$44,500.

The Research and Consulting Committee sponsors the program annually. Its purpose is to assist faculty in obtaining external funding for their research activities by providing financial support for preliminary activities. Awardees are expected to submit a proposal to an external agency by the conclusion of their one-year project.

Awards were made in the categories of New Investigator Awards and Interdisciplinary Awards. The following awards were presented.

- Sean Brotherson, assistant professor of child development and family science, received \$2,750 for the project, "Understanding the Process of Reconciliation in Marriages Threatened by Separation or Divorce."
- Huirong Fu, assistant professor of computer science, received \$2,750 for the project "Securing Wireless Networks: Key Management."
- David Hamilton, assistant professor of chemistry, received \$5,500 for the project "Design of Ruthenium Conjugates to Transferrin."
- Deying Li, assistant professor of plant sciences, received \$4,500 for the project "Developing Methods to Use Local Materials for the Construction of Golf Course Greens."
- Drew Martin, assistant professor of business administration, received \$1,000 for the project "Japanese Television Commercials: The Changing Role of Foreign Actors 1992-2002."
- Clayton Neighbors, assistant professor of psychology, received \$2,750 for the project "Computer-Based Normative Feedback Intervention for Higher Risk Drinking: Evaluating Duration of Efficacy."
- Paul Ode, assistant professor of entomology, received \$5,500 for the project "Tritrophic Effects of Sunflower Resistance on Natural Enemies of the Banded Sunflower Moth."
- Wendy Reed, assistant professor of biological sciences, received \$4,500 for the project "Influence of Early Exposure to Maternally-Derived Steroids on Development and Performance of American Coots."
- Donald Salting, assistant professor of English, received \$4,500 for the project "Khaayo Project: A Missing Piece to the Language Puzzle."
- Mark Schroeder, assistant professor of electrical and computer engineering, received \$2,750 for the project "Ambulatory Brain-Computer Interface Device: Evaluation and Comparison to Desktop Brain-Computer Interface System."
- Wenfang Sun, assistant professor of chemistry, and Qun Huo, assistant professor of polymers and coatings, received \$4,500 for the project "Nonlinear Optical Studies of Metallo-Organic Nanocomposite Materials."
- Michael Thrasher, assistant professor of music, received \$3,500 for the project "Danish Clarinet Music of the Nineteenth Century."

HD&E awards, presentations listed

The College of Human Development and Education presented awards to faculty and staff at its annual awards breakfast held May 4.

The following awards were presented:

- Exceptional Contributions to Teaching—Linda Manikowske, assistant professor of apparel, design, facility and hospitality management
- Exceptional Contributions to Teaching through Innovation—Mark Schmidt, assistant professor in the School of Education
- Exceptional Contribution to Scholarly Activity—Julie Garden-Robinson, assistant professor of food and nutrition
- Exceptional Contributions to Service/Outreach—Sara Sunderlin, lecturer in apparel, design, facility and hospitality management
- Exceptional Support for Instructional/Service Activity—Carol Nelson, administrative secretary in the School of Education
- Exceptional Support for Research/Project/Creative Activity—Hope Eppler, administrative secretary in food and nutrition
- Exceptional Contributions Toward a Positive Work Environment—Tammy Irion, administrative secretary in child development and family science

Recipients each received a \$200 cash award provided through the Mabel Wenzel Debing Memorial Endowment.

Other awards presented included:

- Human Development and Education Award—Center for Child Development
- Robert and Patty Hendrickson Faculty Development Fund—Rebecca Amundsen, lecturer in apparel, design, facility and hospitality management; and Gary Liguori, instructor in health, nutrition and exercise sciences
- Human Development and Education Grant Proposal Support Award—Yeong Rhee, assistant professor of health, nutrition and exercise sciences; Thomas Carlson, assistant professor of child development and family science; and Marlys Bratteli, assistant professor of child development and family science

A New Community Project grant from the Department of Agriculture was awarded to Karin Bartoszek, assistant professor of child development and family science; Frank Pleban, assistant professor of health, nutrition and exercise sciences; Sean Brotherson, assistant professor of child development and family science and Kathleen Schmalz, county programs parenting coordinator. The grant is intended to support efforts to increase parent/child/adolescent relationships and promote positive youth development.

Garden-Robinson, Liguori, Bartoszek and Joe Courneya, 4-H youth education design specialist, received a \$10,000 grant for "Stepping Up Physical Activity Among North Dakota Youth" from General Mills. The team plans to work with the North Dakota Governor's School and elementary school students at Fort Yates, N.D.

Additionally, the human performance and fitness major program received endorsement from the American College of Sports Medicine; Carlson was co-editor of the recently-published book "Spirituality and Family Therapy;" Lisa Daniels, assistant professor in the School of Education, presented "Effects of Legislated High Stakes Testing on Public Schools" at the annual conference of the International Reading Association; and the marriage and therapy program received six-year accreditation from the Commission on Accreditation for Marriage and Family Therapy Education.

Ross named assistant women's soccer coach



Ross

John Ross was named assistant women's soccer coach in an announcement made May 21 by head women's soccer coach Pete Cuadrado. Ross will begin at NDSU Aug. 1.

Ross currently is the assistant coach and head goalkeeper coach for the Chicago Fire Reserves of the Premier Development League. He has worked with 10 players who have moved up to the A-League and Major League Soccer.

"John brings a wealth of experience and knowledge to our soccer program. I was extremely excited when John accepted our position. He will do a tremendous job with our goalkeepers and also has the ability to help out with field players," said Cuadrado. "He has played and coached at the highest level, playing with the Colorado Foxes before Major League Soccer began and coaching with the Chicago Sockers, Chicago Fire Reserve and Chicago Cobras teams."

Ross previously was the men's head soccer coach at Triton Junior College, River Grove, Ill., where he compiled a 26-9-3 record and recruited four national team players.

He earned a bachelor's degree from Northeastern Illinois University and an associate's degree from Triton College.

Events

'Tunes at Noon' performances set

The Memorial Union has announced its "Tunes at Noon" series for the summer. The musical performances are scheduled for 12-1 p.m. Wednesdays on the West Patio of the Memorial Union. In case of inclement weather, the concerts will move indoors.

The schedule includes:

- June 18—Russell Peterson and Glen Ginn
- June 25—Easily Amused
- July 2—no concert
- July 9—Dennis Warner
- July 16—Badimo
- July 23—Jessie Veeder
- July 30—Johnsmith

For more information, call the Student Activities Office at 1-7787.

Bromley landscapes exhibit opens

Kimble Bromley, associate professor of art, is participating in an exhibit at the South Dakota School of Mines and Technology APEX Gallery in Rapid City. His exhibition, "North Dakota Landscapes: Solitary, Personal, Complex," is scheduled from May 19-July 6. The exhibition contains 17 landscape paintings Bromley painted during summer 2002.

Bromley also was scheduled to hold a creativity enhancement workshop at Rapid City's Dahl Museum on June 7.

Kimble Bromley joined the NDSU faculty in 1996. A certified hypnotherapist, Bromley uses hypnosis in his studio classes in an effort to enhance student creativity.

Northern Crops Institute to celebrate 20th Anniversary

The Northern Crops Institute (NCI) will celebrate its 20th anniversary on June 30. The celebration will include broadcast personality Orion Samuelson as the featured speaker.

The festivities will begin with an open house from 2-4 p.m. NCI's technical staff will demonstrate laboratory functions during guided tours of the facility. Gifts received by NCI from its international course participants and trade teams also will be displayed. Refreshments will be served.

The evening banquet will be at the Fargo Holiday Inn, beginning with a social hour at 6 p.m. and the banquet at 7 p.m. Cost for the banquet is \$25 per person. Samuelson, the banquet speaker, is heard on WGN Radio, where he has served as Agricultural Services director since 1960. He also is heard daily on more than 260 radio stations with his syndicated National Farm Report and on 110 stations with his syndicated Samuelson Sez and is seen weekly on 190 commercial TV stations on U.S. Farm Report.

In 1983, NCI hosted its first course at the newly established international educational and marketing facility. Since that time, people from 118 nations have participated in NCI's educational and technical activities.

Pat Berglund, NCI director, said, "On June 30, we will celebrate the people who had a vision for a meeting and learning place like NCI. They not only set the bricks and mortar in place, but they converted their ideas into a philosophy and mission on which NCI continues to focus to create markets through education about northern-grown crops produced in this four-state region."

NCI started on the NDSU campus as the dream of a group of North Dakota producers, who sought to showcase the crops that were grown in the region. Within the second year of operation, support for the institute expanded to include Minnesota, Montana and South Dakota. Current funding for the four-state effort comes from appropriated state funds and commodity check-off groups.

To make a dinner reservation, call the NCI at 1-7736. The open house is free and open to the public. For more information, visit www.northern-crops.com.

Printmaking exhibit, workshop scheduled

"Elizabeth Dove: Thinking in Time" is on display through Friday, July 18, in the Memorial Union Gallery.

A printmaker and photographer, Dove bases her work in traditional printmaking practices while expanding to mixed media. She says her work "investigates the passage of time, questioning whether anything is eternal, unchanging or timeless." She added, "I look for answers by exploring the processes of time, the interplay of transience and permanence and what kind of visual marks time leaves behind as trace evidence of its passage."

Dove, who also is conducting a seminar on non-toxic etching methods during the annual Printmaking Education and Research Studio (PEARS) summer workshop, received a bachelor's degree from the Maryland Institute College of Art, Baltimore, and a master's degree from Vermont College. She teaches in the art department at the University of Montana, Missoula.

Gallery hours are 10 a.m.-2 p.m. Monday-Friday. For more information, call 1-823, e-mail Rebecca.Kilzer@ndsu.nodak.edu, or visit www.ndsu.nodak.edu/memorial_union/gallery.

Shorts and Reminders

'Campus Kudos' presented

Staff Senate recently presented Campus Kudos awards to Deborah Hegdahl, Information Technology Services help desk consultant; Jeff Schwartz, women's sports information director; and Harry Vanderschoot, application developer in information technology services.

Campus Kudos is a certificate of appreciation issued for contributions to campus and the people on campus. Anyone on campus is eligible.

Landscape architecture students win national awards

Senior Aaron Olsen received the Honor Award, and seniors Jacob Axtman, Eric Iverson and Charles Stewart received Merit Awards from the National American Society of Landscape Architects.

The students are members of NASLA's Great Plains chapter.

Positions Available

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

Academic Assistant
Criminal Justice and Political Science
\$22,000+/year
June 11 (internal); June 18 (external)

Admission and Records Associate/#489
Office of Registration and Records
\$25,000 minimum/year
June 12

Business Manager
Center for High Performance Computing (CHPC)
\$35,000+/year, commensurate with experience
June 17

Classroom Technology Specialist
Information Technology Services
\$31,000+/year
June 19

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

Calendar

June

Through June 23 "TV in '53" exhibition, NDSU Libraries'
Lower Level Gallery

Through July 18 "Thinking in Time" exhibition by
printmaker and photographer Elizabeth Dove,
Memorial Union Gallery. Gallery hours are
10 a.m.-2 p.m. Monday-Friday.

Through Aug. 1 "Memory Palaces on the Dakota Prairie,"
exhibit of the Great Plains Little Theater Project by
Tim Kennedy, President's Gallery.

- 17 Classes begin for standard eight-week courses
- 18 Tunes at Noon features Russell Peterson and Glen
Ginn, noon, Memorial Union West Patio
- 25 Tunes at Noon features Easily Amused, noon,
Memorial Union West Patio
- 30 Northern Crops Institute 20th anniversary
celebration open house, 2-4 p.m., NCI building,
Bolley Drive. Guided tours and refreshments will be
provided. The event is free and open to the public.

July

- 4 Independence Day holiday; university closed
- 9 Tunes at Noon features Dennis Warner, noon,
Memorial Union West Patio
- 16 Tunes at Noon features Badimo, noon, Memorial
Union West Patio
- 23 Tunes at Noon features Jessie Veeder, noon,
Memorial Union West Patio
- 30 Tunes at Noon features Johnsmith, noon, Memorial
Union West Patio

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