

President Bush visits NDSU

An overflow crowd of more than 11,000 people filled the Bison Sports Arena as NDSU hosted President George W. Bush during his March 8 visit to Fargo. It is



President Bush greets thousands of people at the Bison Sports Arena.

believed to be the first visit to NDSU by a sitting president.

“To have the president appear at NDSU is a high honor indeed,” said NDSU President Joseph A. Chapman, who met briefly with Bush following his speech. “This was a historic visit for North Dakota and the campus is proud to have hosted the event.”

Introduced by Gov. John Hoeven, Bush started his remarks with a tribute to the enthusiastic, standing-

room only crowd. “The air may be cold, but the reception is unbelievably warm,” he said. Bush was the first president to come to Fargo in 31 years.

In preparation for the visit, NDSU Physical Plant personnel removed the arena’s raised basketball floor and scoreboard, put on a fresh coat of paint where needed, repaired all the hardware on the doors so they closed securely and worked on snow removal. About 70 additional telephone connections also were installed.

Arena meeting rooms were transformed into media rooms for White House staff and national news reporters. Another room was decked out with green and yellow Bison banners to serve as a backdrop when Bush met privately with Hoeven and agriculture representatives.

“People across campus came together in a real team effort by many departments to get it done,” said Pat Fredrickson, chair of the Athletics Facilities Committee. “NDSU was given only about a 48-hour notice and I am proud we were able to put together a wonderful event. The White House representatives were overwhelmed by the turnout and how people responded to the president.”

Fredrickson, who had the opportunity to meet Bush as he left the arena, said, “The president was not in a hurry to leave. He really connected with the people of North Dakota. He was warm, friendly and he told me that he had a terrific time in Fargo.”

As one might expect, security was a major issue. “The Secret Service was the lead agency, but you also had NDSU Police, the Cass County Sheriff’s Department, Clay County Sheriff’s Department and police from Moorhead, Fargo and West Fargo involved,” said NDSU Police Chief Tim Lee. “It certainly was memorable. It was the first time in my life to see the president up close, but our job was to protect the public and the president so we tried not to get caught up in the hoopla of the event.”

Was all effort worth it? “If the White House had wanted to come back the following Saturday, we would have done it again in a heartbeat,” Fredrickson said.

Blood drive planned for April 3

An NDSU blood drive is scheduled for 1-4 p.m. Tuesday, April 3, on the west side of the Memorial Union. Anyone who would like to donate needs to bring identification. Call Brittnee Steckler, in human resources, at 1-8961 to schedule an appointment.

Ceramics sale planned March 21

Ceramics students have scheduled a sale of their work from 11 a.m.-6 p.m. Wednesday, March 21, in the Art Building. For more information, contact David Swenson at 1-8691.

Next Issue

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Gold Star Concert Band performs for President Bush

It was a day members of the NDSU Gold Star Concert Band will not soon forget. With a cheering crowd of more than 11,000 people, the band performed the fanfare "Ruffles and Flourishes" and then "Hail to the Chief" as President George W. Bush entered the Bison Sports Arena during his Fargo visit March 8.



"It was an extraordinary situation. It's been three decades since Fargo has seen a sitting president," said Warren Olfert, assistant professor of music and director of bands. "This is potentially a once-in-a-lifetime situation. It certainly was a first for me personally."

For the 52 band members, it was an exciting, almost exhilarating experience. Garbed in the marching band uniforms, along with bands from UND, Fargo North High School and country band The Great

Outdoors, the Gold Star Band entertained the standing-room only crowd as it waited for the president's arrival.

Then, as Bush entered, the band members proudly played the welcoming themes. From their position at the base of the southwest stands, they were only a few yards away when Bush shook hands with well-wishers as he made his way to the podium in the center of the floor.

"It was a tremendous honor. I've never, ever seen a president or done anything like this before," said flutist Erin Handy, a music education major from Fargo. "I won't ever do anything like this again in my life, especially being this close to the president. I'm glad I brought my camera."

Tuba player Charlie Kremer, a civil engineering major from Winsted, Minn., echoed those sentiments. "Very few people get this opportunity. It's great for the band and great for myself," he said. "I think it's terrific for the president to come here, so we gave everything we had to make his experience better. It was a blast."

This rare opportunity came at short notice. Band members were told at their 4 p.m. rehearsal March 6 that they had only 45 minutes to learn "Hail to the Chief" because White House representatives were coming to audition them. After asking the band to play the selection twice, the representatives gave their approval.

"It was a little intimidating when they all came in, but the music is not that hard and we're a really good band. It was not a big deal," said bassoon player Charlotte McLean, a civil engineering major from McKenzie, N.D. She notes that she saw former President Clinton at an event last year in Quincy, Ill. "That was cool, too, but this was even better because I got to play for the president."

Little time to prepare was no problem either for trombone player Brad Jensen, a music major from Minot. "The Gold

Star Band rises to the challenge no matter what is thrown at us," he said. "This was a great opportunity. A visit by the president is certainly something that hasn't happened here in a long time and probably won't again for a while. It's exciting."

Trumpet player Thea Tryon, a music major from Canton, S.D., described her feelings this way. "We'll remember this for a long time. It was definitely worth doing. I don't know how many opportunities I'll get to see a president," she said. "I got to see George Bush Sr. when he came to my town when he was vice president, so it was neat to see his son when he's president."

Clarinet player Kari Natvig, a music education major from LaMoure, N.D., beamed with pride as she described her emotions. "It's such an honor. I am so excited that I could see the president," she said. "I can say I played for the president."

The band also played "On Bison" as the recessionary.

It was a memorable way to kick off the band's annual spring tour. Immediately after the event, the band departed for a swing through the Midwest. A concert in Mandan was canceled because of the presidential visit, but the band continued on to Washburn, N.D., and Minot, N.D. After a rest day in Winnipeg, they performed concerts in Bemidji, Minn.; at Bethel College, St. Paul, Minn., and at Blaine, Minn., High School.

President Chapman addresses campus on hate literature

In a March 9 e-mail announcement to NDSU faculty and staff, President Chapman made the following comments related to hate literature recently distributed on campus:

"Universities exist for the exchange of ideas, even controversial ideas which challenge our own personal beliefs. Still, free speech is not without limits. In recent weeks, certain flyers have been distributed across campus which I personally find reprehensible. They advocate hatred and racism. They target groups based on ethnicity, sexual orientation and color of skin. In addition, it has come to our attention that a hate message was received on a campus telephone answering system. I condemn these actions and the ideas and intimidation they seek to promote.

"The flyers are being distributed in violation of campus policy covering the distribution of literature on campus. One such policy requires the identification of the person(s) posting the material. In addition, campus bulletin boards are in place to communicate official campus business. An exception to this general rule is the free speech literature rack in the Memorial Union.

"I am disturbed that our community has been targeted for these messages of racism and hate. When these things violate campus policies, we will take whatever actions are available to us either through our code of behavior or local, state, and federal laws.

"North Dakota State University is a place where harassment is not tolerated and respect for all expected."

NDSU faculty receive grant to collaborate with area schools

A group of NDSU faculty has received a three-year National Science Foundation grant for a collaborative project with local science and mathematics teachers in grade 6-12 classrooms. The \$971,557 award is for the project titled "The Graduate Student-University-School (GraSUS) Collaborative for Science, Mathematics, Engineering and Technology."

According to principal investigator Dogan Comez, associate professor and chair of mathematics, "The project's expected outcomes include enhanced communication and teaching skills for the fellows, enriched learning by K-12 students, professional development opportunities for K-12 teachers and stronger partnerships between NDSU and local school districts."

The project uses problem- or inquiry-based learning, in which solutions of real-life problems promote students' learning, problem-solving skills, creative thinking and teamwork. Challenging problems will reflect existing school curriculum in the context of the research and applications from core science, mathematics, engineering and technology disciplines at NDSU. Graduate and advanced undergraduate students will work with the teachers in the project.

"This is part of NDSU's execution of what we feel is our responsibility to provide strong linkages between the university and the K-12 community. This is an effort to three-dimensionalize book learning," said Philip Boudjouk, vice president for research, creative activities and technology transfer. "This program interfaces classroom experience with real life research and problem solving. It gets to the core of putting structure into the creative process and getting results that are well beyond the textbook."

The high school courses involved include mathematics, general science, environmental science, chemistry, physics and biology. Real-life applications in the areas will come from the same disciplines and from several engineering, agricultural and technology disciplines. In order to achieve the goals outlined, the graduate and undergraduate students will receive pedagogical training under the supervision of university faculty and high school teachers. In addition, each summer, workshops will be conducted involving school teachers and university faculty in planning and development activities with the graduate students.

The project fits seamlessly into an existing network linking NDSU with K-12 schools and will build upon several other similar and successful programs at NDSU. The group of 10 faculty involved in this project come from the NDSU Colleges of Science and Mathematics, Engineering and Architecture, Agriculture and Human Development and Education, and represent nine different departments.

In addition to Comez, other investigators are Alan White, professor and dean of science and mathematics; Gregory J. McCarthy, professor and chair of chemistry; Donald Schwert, professor of geosciences and director of Center for Science and Mathematics Education; Sudhir Mehta, professor of mechanical engineering; Edward Deckard, professor of plant sciences; Ronald Stammen, associate professor in the School of Education; Douglas A. Kurtze, associate professor of physics; William O. Martin, assistant professor of mathematics; and James P. Bartlett, assistant professor of industrial and manufacturing engineering.

Comez said the project is strongly supported by local school districts and their countywide collaborative group, Cass County Schoolmasters Association, which will provide the administrative and organizational structure at the participating high schools.

Nominations sought for Gunkelman award

Nominations are being sought for the 2001 Mary McCannel Gunkelman Recognition Award, which honors a person on campus who best exemplifies significant and unselfish contributions to creating a happy environment for NDSU students.

Students, faculty and staff are eligible for the award. Nominations should include specific examples of nominees' contributions in making NDSU a pleasant, cheerful campus for students during the past academic year.

Nomination forms are being sent via campus mail and also are available at Human Resources Office in Old Main 205. All nominations must be received in the Human Resources Office by 5 p.m. Wednesday, April 4. Nomination forms will be made available in alternative formats upon request by calling 1-8961.

Finalists will be honored and the winner announced during a reception Wednesday, April 18. The Gunkelman Award winner will receive a \$600 cash award from the Gunkelman family through the NDSU Development Foundation.

The award was established in 1987 with the first award in 1989 in honor of Mary McCannel Gunkelman, who died in 1985. She was a 1942 graduate of the NDSU College of Home Economics. Funds were provided by the late John Gunkelman and his family. The endowment fund now totals more than \$17,000 and is open to additional contributions.

Gunkelman has been described by her family as a person who firmly believed a student would be more likely to reach his or her full potential when working in an enjoyable environment. She also believed the more enjoyable the campus and programs of NDSU, the better the university would be now and in the future.

Karen Arnell, assistant professor of psychology, was last year's recipient of the award. Other winners have included Brenda Deckard, plant sciences student services officer, in 1999; Lisa Nolan, associate professor of veterinary and microbiological sciences, in 1998; Nick Moret, cashier in the one-o-eight convenience store, in 1997; Louise Heinz, departmental secretary in the Department of Plant Sciences, in 1996; Carol McClafin, administrative secretary in the School of Education, in 1995; Marilyn Hetland, administrative secretary in the Department of Pharmaceutical Practice, in 1994; Nancy Stroh, Memorial Union activities secretary, in 1993; Jean Kelly, administrative secretary in the Department of Apparel, Textiles and Interior Design, in 1992; Mary Poirer, a clerk in Residence Dining Services, in 1991; Helga Schuschke, a clerk in the Department of Food and Nutrition, in 1990; and Joan Olson, University Business Office, in 1989.

The selection committee is headed by Teri Thorsen, director of the Office of Human Resources. Other members of the committee are Loriann Lymburner, Joan Chapek, Tom Bremer, David Wahlberg, Sandy Holbrook, Bob Neas and Ron Peterson.

EPSCoR announces graduate recruiting program

North Dakota EPSCoR has implemented a new program to increase opportunities for graduating seniors from the North Dakota University System institutions to obtain master's degrees and doctorates in science, engineering and mathematics at North Dakota's research universities (NDSU and UND).

Graduates of Dickinson, Mayville, Minot and Valley City State Universities may be awarded ND EPSCoR graduate assistantships to obtain the degrees.

The program is designed to strengthen the links between the research universities and the science and mathematics departments at the four-year universities. It is intended to increase the in-state opportunities for the students at the undergraduate institutions and provide an additional recruiting tool for the research universities.

Applications are now being accepted. The program description can be found on the ND EPSCoR Web page at www.ndsu.nodak.edu/epscor/new_grad_fellowship.html, from the Graduate School office or from the ND EPSCoR offices, 258 Ladd-Dunbar.

For more information contact Mark Sheridan, project director, 1-8400 or Mark_Sheridan@ndsu.nodak.edu.

Survey to help set research priorities

Faculty and administrators are being asked to participate in a survey to prioritize functions and services related to campus research. The survey is available through March 30 at www.ndsu.nodak.edu/gdc/survey/gdc004/welcome.htm.

Philip Boudjouk, vice president for research, creative activities and technology transfer, said the survey is being conducted in conjunction with the planned move next fall of the Office of Research Administration, the North Dakota EPSCoR office and the Technology Transfer Office to facilities in the new NDSU Research and Technology Park.

"We believe the opportunity for us to be housed in a single location will enhance our ability to provide leadership and service for research and creative endeavors at NDSU," Boudjouk said. "But, we need assistance from faculty and administrators in helping us prioritize functions and services that are most important and useful for them to be successful in their research and creative activities."

The survey, developed with the assistance of Sarah Jacobson and Sharon Cobb, should take 15 to 20 minutes to complete. After March 30, the results will be compiled and used in determining the office's priorities.

"We need to be told how important each service is to faculty for them to achieve success in their scholarly activity," Boudjouk said. "We want to provide the best opportunities and support for the greatest number of people from the resources that are available."

NDSU Sunsetters to unveil solar car

NDSU's solar race team, the Sunsetters, will unveil its new solar-powered race car at 3 p.m. Monday, April 9, in the NDSU Alumni Center Atrium. The car is the first of its kind produced by NDSU students.

The vehicle, designed for the American Solar Challenge Race, will first compete in preliminary qualifying trials in Kansas City, Mo., in May. The cross-country challenge race, to be held July 15-25, is a 2,300-mile endurance race from Chicago to Palm Springs, Calif. Teams from as many as 60 universities, companies and clubs are expected to participate, with some cars coming from as far away as Germany, Italy and England.

The four-wheeled NDSU car, dubbed "Prairie Fire," is six feet wide and 17 feet long. It features 606 solar cells that produce 900 watts of power and are connected to a 96-volt battery pack. Built entirely by students, except for its custom-made motor, the car is valued at about \$50,000. The students also contacted sponsors and raised funds to support the project.

"Having to construct a car from the ground up and to have an innovative design as a power source proved to be a real challenge," said Wayne Reitz, assistant professor of mechanical engineering and one of the group's advisers. "Having to design the frame and figure out how to attach all these solar panels—it's been a wonderful engineering project for the students."

Established in November 1997, the 30-member group includes students who are majoring in such diverse areas as mechanical engineering, electrical and computer engineering, computer science, communication and business.

According to Eric Bradley, Sunsetters president, designing and building the car has been enjoyable and worthwhile. "It's been a great hands-on learning experience. The project goes beyond our classes and it gives us some real world experience," said the senior from Fargo who has a double major in electrical and computer engineering and computer science. "I enjoyed learning about project management, leadership and teamwork. It's just been great."

Two teams, one including mainly electrical engineering students and the other primarily comprised of mechanical engineering students, worked together to integrate applications of their specialties as they worked on aspects of the vehicle.

"We're a tight-knit group," said Travis Kroh, a sophomore computer science major from Washburn, N.D., who serves as the Sunsetters' public relations coordinator. "We think it's really a noble project because it is NDSU's first solar car."

Beginning at the Chicago Museum of Science and Industry, the race follows historic Route 66 to Southern California with stops at 13 checkpoints: Springfield, Ill.; Rolla, Mo.; Neosho, Mo.; Tulsa, Okla.; Edmond, Okla.; Sayre, Okla.; Amarillo, Texas; Tucumcari, N.M.; Albuquerque, N.M.; Gallup, N.M.; Flagstaff, Ariz.; Kingman, Ariz.; and Barstow, Calif.

The educational event is sponsored by the U.S. Department of Energy and its National Renewable Energy Laboratory in Golden, Colo., and by Terion, Melbourne, Fla.

The car also will be featured in "Earth Week" activities, sponsored by the Metropolitan Area Transit. It will be on display at the West Acres shopping center April 20-22 and at the Moorhead Center Mall April 23-29. For more information, contact Kroh at 1-3093 or Bradley at 297-0908.

ITS research project brings opportunities to NDSU

NDSU Information Technology Services has joined a research project to explore future collaboration technology using high-speed networks such as Internet2. The "Access Grid" is experimental technology to explore future options for personal collaboration using off-the-shelf hardware and open source software. The goal is to build work spaces such as conference rooms where groups can freely interact with high quality sound, near life size images of remote participants and tools to share work among many sites simultaneously. NDSU is one of the first three dozen sites in the world and the only one between Fargo and Chicago to build a local "node."

Bonnie Neas, assistant vice president for federal relations and director of Internet research, is a co-principal investigator on a National Science Foundation EPSCoR grant through the University of Kentucky entitled "Closing the Digital Gap in Underdeveloped Regions." The grant funded most of the equipment used to build the local Access Grid Node in IACC Room 422. Neas said, "Enhanced communications tools such as the Access Grid are critical in NDSU's efforts to advance its research programs."

Much of the development for the grid has been done in the Futures Lab of the Mathematics and Computer Science division of Argonne National Laboratory near Chicago. Ties to high performance computing and networking interests have determined much of the content on the grid, but as the number of sites grows so will the variety of opportunities.

"It's all about access," said Marty Hoag, ITS Access Grid project coordinator. "Since we started our involvement by sending four staff members to a tutorial at Argonne National Lab, we have gained access to the other sites and to many ideas, solutions and experts we can use locally. For example, the Access Grid uses three digital projectors to generate a display wall. Since the room housing the NDSU Access Grid Node already was being used for some N.D. Interactive Video Network events we moved from using TV monitors to using projectors for the events."

The project also hosts real events as a way to test, extend and evaluate the technology. NDSU has hosted numerous events and demonstrations including a national super computing "Chautauqua," NSF Day, extended training sessions and seminars from the University of Kentucky.

Upcoming events include a conference from the University of Kentucky, "Developing National Science Foundation Centers," from 7:30 a.m.-4 p.m. March 23, and a workshop on "Parallel Programming with MPI," scheduled for March 28-29. A satellite site for the "SC Global" conference in conjunction with Super Computing 2001 in Denver also is planned.

Most events are free and open to faculty, staff and students; some require advance registration. Events and additional information is listed at www.ndsu.nodak.edu/accessgrid/ and an e-mail list is maintained to notify people of major events.

The Access Grid uses advanced multicast networking technology. Bruce Curtis, ITS network consultant, and David Dahl and Valerie Nordsletten, ITS telecommunications technicians, have worked with others to enable multicast access for the NDSU campus.

For more information visit the Web site or contact Hoag at Marty_Hoag@ndsu.nodak.edu or 1-8639.

Applications sought for Cross Ranch fellowship

The NDSU Development Foundation has received a gift of \$85,000 from the Gladys Allen Trust, St. Louis. It was bequeathed by Allen in memory of her husband, Robert H. Levis II, who had earlier donated \$15,000 to initiate an endowment of the Cross Ranch Fellowship. The well-known Cross Ranch, located near the Missouri River west of Washburn, N.D., had been owned by the Levis family and is now managed by The Nature Conservancy as a natural area in western North Dakota.

The Robert H. Levis II Cross Ranch Fellowship, supported by interest from the endowment, is to be awarded to a first- or second-year graduate student in botany, range management or a closely related aspect of natural resources management. The one-year award of approximately \$5,000 is to be made to a student on the basis of academic record, commitment to one of the disciplines noted and an interview with the three-person faculty selection committee, consisting of Ted Esslinger, William Barker and Gary Clambey.

The fellowship can be used as a stipend for the recipient or support of graduate research expenses. Eligible students should make written application for consideration. Faculty-written nominations of graduate students also are accepted. Applications and nominations are to be sent to the Robert H. Levis II Cross Ranch Fellowship Selection Committee, Department of Botany/Biology, Stevens Hall 218, NDSU. The deadline is Friday, April 6.

Summer, fall dates set for Intensive English Program

The Intensive English Language Program (IELP) is scheduled for five weeks this summer from July 16 to Aug. 17, and for 15 weeks during the fall semester. The course is designed to develop skills needed for academic study and general use of the English language in the United States.

The IELP is open to high school graduates interested in studying advanced English. The program assists international undergraduate and graduate students who are conditionally admitted to NDSU upon meeting the English proficiency requirement. Prospective international teaching assistants who have not obtained a 600 on the Test of English as a Foreign Language (TOEFL) are required to attend the program. It also is available for foreign scholars and other visitors on campus and people in the community who wish to improve their English skills.

The IELP is a self-supporting program offered through the Division of Continuing Education. Tuition, which includes health insurance, is \$1,626 for the summer program and \$2,610 for the fall program. Summer classes meet six hours per day. Fall program classes are scheduled for 12 hours per week with additional hours for tutoring and language practice.

For additional information, contact the Office of International Programs, 338 Ceres Hall, at 1-7895, or ndsu_international@ndsu.nodak.edu, or visit its Web site at www.ndsu.nodak.edu/International.

State employees help Parker Sebens family

Parker Sebens, who was injured in a farm accident in September, recently received a check from the Council of State Employees (COSE) to help defray future medical costs.



Renee and Parker Sebens receive a check from the Council of State Employees.

who donated leave, participated in the fundraiser or remembered the Sebens family in other ways.

The presentation of the check was made at the North Dakota Veterans Home, where Parker's mother, Renee, is employed.

The council, consists of 16 directors from across the state, sponsored a fundraiser for the Sebens family. Besides this donation, many state employees donated sick and/or annual leave to Renee to allow her to be with Parker during his recovery.

The COSE board of directors would like to thank all state employees

Police chief holds meetings on AD lot issues

NDSU Police Chief Tim Lee is gathering staff input on parking issues related to AD lot. He held two meetings March 15 for staff with offices in Old Main and Ceres Hall, and another meeting is scheduled for 2 p.m. Thursday, March 22, in the Memorial Union Century Theater.

The 140-stall AD lot currently has 174 employees eligible to park in it. Overflow parking is assigned to T-1 lot. The situation is one of the bigger parking problems on campus, according to Lee. With the expectation that staff size will grow in the future, he is asking for ideas.

Lee pointed out the walking distance from Old Main to the AD lot is 622 feet, while it is 1,026 feet to the T-1 lot.

Proposed options include asking individuals or departments to park in T-1 lot; assigning new employees to T-1 lot rather than AD lot; issuing AD permits on a first-come, first-served basis; or issuing AD permits based on years of service.

More long-range proposals discussed were a possible parking ramp, which would be built on the AD lot location, and enlarging the metered CD lot north of Ceres Hall.

"These are fact-finding, town hall meetings to find out how people feel about the AD lot parking issue," Lee said. "We are trying to talk about all of our options, including safety issues such as crossing streets. We're trying to look long-range and also at what we can do now that will make things better for our staff parking in AD lot next fall."

Lee will compile the list of suggestions and present them to administrators.

Students help 'Lambchop' survive

A small lamb named "Lambchop" is being described as "a little miracle." The pure-bred Columbia ewe born Jan. 18 to the NDSU sheep herd is beating long medical odds thanks to the hard work of students in the veterinary technology program.

The lamb was ill with sheep polio, a thiamine deficiency that causes animals to lose muscle function, become stiff and sometimes go blind. The little creature was initially fed by NDSU shepherd Wes Limesand and his staff, but when it reached five weeks of age, the lamb hadn't responded as hoped. The difficult decision of euthanasia loomed.

That's when Amy Ellwein, research specialist in the veterinary technology program, and about 50 students entered the picture.

"We brought her to the department on March 1. The lamb was totally down. It could lift its head a little bit, but it would drop back," Ellwein explained. "She is such a little button, just a little cutie. The students named her 'Lambchop' five minutes after she got here."

The students rolled up their sleeves and got to work, performing range of motion therapy on the lamb and some limited massage. Every two hours, they would use towels to hold Lambchop up in a natural walking position and move her feet to get her accustomed to the motion.

The effort is paying off. While the lamb still has little muscle tone, she is walking on her own. Her progress has developed to the point where she has been moved to the department's nursing barn.

"She is doing wonderfully, just super," Ellwein said. "She wouldn't have made it at all if Wes and his people had not taken such good care of her. They kept her alive until we got hold of her."

For the students, it was a learning experience they will not soon forget. The program recently became affiliated with animal and range sciences, and working with Lambchop was the first chance for many of them to work so closely with an actual case.

"Coming into it, we weren't sure what the outcome was going to be," said Amy Stern, a senior majoring in veterinary technology. "With persistence, some trying and a little bit of love, it really paid off. She's up and walking, and she has potential for making it in the world."

Rebecca Jensen, a senior majoring in veterinary technology, said helping the lamb has given the students a sense of accomplishment and pride. "The neatest part was how quickly she improved. If you worked with her in the morning, by the afternoon you'd see that she could already move her legs a little more," Jensen said. "The students came away with a real appreciation for the things we do here, how much we can help the animals and it's fun, too."

The prognosis for Lambchop is good, according to Ellwein. The lamb is expected to remain as part of the NDSU breeding herd. "Lambchop is doing great," she said. "All of us just want visiting rights."

People

Odney, Waldron, Peltier Awards to be presented

Three NDSU faculty will receive prestigious awards at the "NDSU Celebration of Faculty Excellence" scheduled for 3 p.m. Thursday, April 19, in the Alumni Center Atrium. Edward Deckard, professor of plant sciences, will receive the Robert Odney Award for Excellence in Teaching; Richard C. Frohberg, professor of plant sciences, will be honored with the Fred Waldron Award for Excellence in Research; and Donald P. Schwert, professor of geology, will receive the Peltier Award for Innovation in Teaching. The awards are sponsored by the NDSU Development Foundation.

"The foundation's Committee on Grants and Awards did a excellent job analyzing the many worthy nominations we received for these important honors," said Craig Schnell, vice president for academic affairs. "These fine professors represent NDSU's best in terms of teaching excellence, research accomplishment and innovative teaching."

All three of the honors include a \$2,500 cash award.



Deckard wins Odney Award

Deckard's excellence in teaching at the undergraduate level is recognized with the Robert Odney Award, which was established in 1972 to honor the late Fargo businessman, alumnus and university fund drive leader.

Deckard

Deckard joined the NDSU faculty in 1970, after earning his bachelor's degree from Purdue University, West Lafayette, Ind., and doctorate in agronomy/crop physiology from the University of Illinois, Champaign-Urbana.

Nominated by student DeAnn Galde, Deckard was saluted for providing an environment that nurtures intellectual and social growth. She also commended his interpersonal communication skills.

"I have yet to meet an instructor who believes more in teaching and student success than Dr. Deckard," the senior wrote. "The 'homey' atmosphere of the learning center is conducive to studying and group learning activities. He encourages group participation in his classes and one-on-one relationships with students."

Deckard and his wife, Brenda, also have been instrumental in establishing the "Strengthening Linkages Between NDSU and the Educational Community" project that links NDSU faculty, staff and students with state teaching support centers, the Children's Museum at Yunker Farm and 13 elementary schools.

Deckard was previously honored with the 1995 NDSU College of Agriculture Excellence in Teaching Award, and has twice received the Larry "Dad" Rittgam Award as the top Circle K adviser in the Minnesota-Dakota District. He also recently received the Blue Key Distinguished Educator Award.



Frohberg

Frohberg came to NDSU in 1964 after earning his bachelor's degree at Kansas State University, Manhattan, and master's degree and doctorate at Iowa State University, Ames.

A nomination letter written by Albert A. Schneiter, professor and chair of plant sciences, states that in a typical year, up to 9 million acres of North Dakota farmland are planted with hard red spring wheat. Of those acres, he wrote, 70-80 percent is planted with varieties released from Frohberg's research program.

"During his tenure at NDSU, 25 varieties have been released from his program, a level of success matched by very few public plant breeders," Schneiter wrote. "As an appropriate comparison, in the previous 70 years only 11 varieties were released by the same program."

Schneiter wrote that Frohberg also believes in the free exchange of germplasm, and he offers his material to anyone who requests it. "Much of his research efforts and resultant genetic material have an impact far beyond the borders of North Dakota," he wrote, describing Frohberg as a role model for young faculty and graduate students. "Dr. Frohberg is completely dedicated to NDSU, the North Dakota producers and the science and art of plant breeding."

His other honors include the 1987 Alpha Zeta Fraternity's Outstanding Agriculturalist Award; 1993 North Dakota Crop Improvement Association Distinguished Service Award; the College of Agriculture's Award for Excellence in Research, Senior Faculty in 1995; and the 1999 Honorary Kernel Award, presented by the North Dakota Grain Growers.



Schwert

Geosciences professor honored for innovative teaching

Schwert, who joined the NDSU faculty in 1978, was honored for his innovative teaching techniques and his positive impact upon the mission of NDSU. The Peltier Award is funded through an endowment by Joe and Norma Peltier of Arthur, N.D.

Active in the NDSU World Wide Web Instructional Committee, Schwert is considered a pioneer in the research and development of virtual environments for learning. "Dr. Schwert has led the way in adopting Worldwide Web materials into his curriculum," wrote Brian Slator, associate professor of computer science, in a letter of nomination. "He was among the first at NDSU to incorporate the Web into instruction."

Schwert has been the principal architect and designer of the "Geology Explorer" project, a multi-user simulation of geologic processes hosted on the Internet. In the program, students explore the imaginary "Planet Oit," where they can use field and laboratory instruments to identify rocks and minerals.

Schwert also was recently named the director of the NDSU Center for Science and Mathematics Education, where he supervises programs for approximately 30 science teachers in grades 8-12.

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Schwert earned his bachelor's degree at Allegheny College, Meadville, Pa., his master's degree at the SUNY College of Environmental Science and Forestry at Syracuse University and his doctorate in earth science at the University of Waterloo, Ontario, Canada.

His other honors include the 1991 Friend of Science Education Award from the North Dakota Science Teachers Association, the 1992 Odney Award for Excellence in Teaching, the 1997 College of Science and Mathematics Outstanding Teacher Award and the 1998 Education Award from the Fargo-Moorhead River Keepers.

Helweg judges ethics bowl

Otto J. Helweg, dean of engineering and architecture, recently was a judge at the seventh Intercollegiate Ethics Bowl. Twenty-six teams competed in conjunction with the Association for Practical and Professional Ethics annual meeting in Cincinnati.

Helweg has published work on ethics in addition to engineering, and teaches "Engineering Ethics and Social Responsibility," which is required for all NDSU engineering students. Helweg said his international experiences, along with real-life scenarios from engineers who visit as guest lecturers, provide practical examples of ethical problems and how the various codes of ethics can help engineers make the right decisions.

A recent study of executives conducted for Robert Half International Inc., a recruiting firm for accounting and banking professionals, found that engineers ranked highest as the most ethical profession. "This is a coveted reputation," Helweg said. "And one we want to not only maintain, but enhance."

Smadi attends transportation conference

Ayman Smadi, director of the Advanced Traffic Analysis Center in the Upper Great Plains Transportation Institute at NDSU, recently attended the sixth annual Young Executive Development Program in Washington, D.C. He was selected by the American Road and Transportation Builders Association as one of 20 "rising stars" in the U.S. transportation construction industry. The program focused on the impact of the federal government has on the industry and the role the association plays in shaping national transportation investment policy.

Congressional staff and officials from the U.S. Department of Transportation and U.S. Environmental Protection Agency made presentations, and the group was briefed on transportation issues facing Congress.

Smadi received his bachelor's degree from Yarmouk University, Jordan; his master's degree from the University of Oklahoma, Norman; and his doctorate at Iowa State University, Ames. His research interests are in intelligent transportation systems, traffic engineering and planning and freight transportation demand modeling.

Quarter Century Club members to be recognized

The NDSU Alumni Association is sponsoring the annual Quarter Century Club new member recognition dinner Tuesday, April 24, in the Alumni Center. A social begins at 6:30 p.m., followed by the dinner at 7 p.m.

There are 35 new members to the club, which recognizes 25 years of service to NDSU. They are Rick C. Anderson, Physical Plant; Leslie F. Backer, agricultural and biosystems engineering; Thomas C. Barnhart, health, physical education and recreation; Carol Bessire, ID card department; William J. Bleier, zoology; Dennis C. Colliton, architecture; Allan Cossette, Physical Plant; Dorothy M. Davis, accounting; Jeanette E. Enebo, financial aid; D. Bruce Erickson, computer science; Robert J. Erickson, Physical Plant; Theo L. Esslinger, botany; Margaret Gaynor, Counseling and Disability Services; Terry Gregoire, extension county programs; Duane D. Hauck, extension county programs; Gail M. Hokenson, Ag Communications; Arlyce M. Johnson, soil science; Burton L. Johnson, plant science; Cheryl F. Jones, dining services; Thomas P. Karch, botany field services; Darlene M. Kirchoffner, Physical Plant; Daniel J. Klenow, sociology; Larry A. Kotchman, forest service administration; John C. Kringler, extension county programs; John R. Lukach, Langdon R/E Center; Carol A. McClafflin, School of Education; Michael McMullan, plant science; Michael J. Miller, North Central R/E Center; Linda Narum, extension county programs; William D. Slanger, assessment and institutional research; Alexandra Sprafka, Information Technology Services; Robert W. Stack, plant pathology; Donald L. Stuehm, electrical and computer engineering; Kathryn A. Thomas, library administration; and James R. Venette, deans office, College of Agriculture.

Tickets are \$17. Reservations are requested by April 13 to the NDSU Alumni Association, Box 5144, Fargo, ND, 58105.

For more information, contact Shari Anderson at 1-6804.

Matchie published in North Dakota Quarterly

A critical review of "The Chippewa Landscape of Louise Erdrich" by Tom Matchie, professor of English, was published in the current special American Indian issue of North Dakota Quarterly. "Chippewa Landscape" includes eight articles and an afterward in which critics of Erdrich's fiction address the quality and significance of her first five novels.

Allan Chavkin, editor of the collection, claims Erdrich's Indian heritage is the function of her art and the source of her greatest originality. Matchie evaluates each of the articles in the light of Chavkin's contention, while showing the relationship of the pieces to each other and to earlier criticism of Erdrich's works.

Matchie said the collection represents the evolving nature of Erdrich criticism, as well as the ever-changing perception of her as a writer.

Neas reappointed to Internet2 council

Bonnie Neas, assistant vice president for federal government relations and director of Internet research, has been reappointed to an important advisory panel for the University Corporation for the Advancement of Internet Development, more commonly known as Internet2. Neas will serve a three-year term on the Network Planning and Policy Advisory Council.

Internet2 is a consortium led by 185 research universities working in partnership with industry and government to develop advanced network applications and technologies in the creation of the next generation of the Internet. The primary goals of Internet2 are to create a leading-edge network capability for the national research community, enable revolutionary Internet applications and ensure the rapid transfer of new network services to the broader Internet community.

The council advises the UCAID board of trustees on matters related to the planning, development, financing and management of advanced networking for research and education.

"I was thrilled to be reappointed to the council," Neas said, noting it is important for NDSU to keep in the forefront of the emerging technologies. "We're at the table and working with all the 'Research Extensive' universities in advancing research through networking. Certainly with President Chapman making research a high priority, this fits very nicely of his program of getting the university to the next level quickly. So, it's a real opportunity for NDSU to participate in such an organization."

Neas was selected as one of the original council members when Internet2 began work about four years ago. Her reappointment was announced at the Internet2 annual meeting March 9 in Washington, D.C.

Miller elected regional secretary of accrediting group

John Miller, director of the Division of Fine Arts, has been elected secretary of the National Association of Schools of Music, Region 3. The association is the national accrediting body for departments of music, with some 600 member institutions. NDSU music has had full accreditation for nearly 30 years, the oldest such accredited department of music in the state of North Dakota.

Miller also recently co-authored software for the fourth edition of *The Music Kit*, which will be published later this year. The *Music Kit* is recognized as the most popular learning package for college basic music theory fundamentals courses. Miller has authored software for the previous three editions as well.

Before coming to NDSU, Miller's career included faculty appointments at the University of North Dakota, Northwestern, DePaul and Eastern Illinois University. He also worked a commercial composer/arranger in Chicago. His academic specialties include analysis of early music, counterpoint and pedagogical technology.

Miller's other published works include biographical articles for the *Encyclopedia Britannica*, *MAPLE* (a music programming language), the music editorship of *Miriam Makeba's "The World of African Song"* and the co-authorship of "Folk Guitar," from *Quadrangle Books/the New York Times*.

Prentice Hall awards contracts to engineering faculty

Prentice Hall recently awarded NDSU faculty two contracts to develop instructors' resource materials for statics and dynamics courses. Sudhir Mehta, professor of mechanical engineering, and Scott Danielson, Arizona State University East, will develop the materials for the statics course. Alan Kallmeyer and Mohammad Alimi, both assistant professors of mechanical engineering, along with Mehta and Danielson, will develop the materials for the dynamics course.

Eric Svendsen, executive editor of Prentice Hall, wrote, "We are very impressed with your current statics offering in its scope, breadth and content. We believe this product and its unique teaching methods will help statics instructors throughout the country introduce a more 'active' approach to teaching."

According to Mehta, the resource materials incorporate many proven pedagogical components like cooperative learning, peer instruction, critical thinking exercises, Kolb learning cycle, addressing different learning styles and classroom assessment. They include animated PowerPoint presentations and a bank of quiz questions for each class period. The materials encourage students to take ownership of their learning and allow instructors to focus on critical content and turn classroom lectures into engaging discussions. Mehta said more than 100,000 engineering and technology students in the United States take statics and dynamics courses every year.

The statics resource materials will be published in August and dynamics resources will be available in December. The National Science Foundation provided partial funding for the project.

Alumna earns high CPA exam score

NDSU alumna Aimee Schwartzwalter, BS '00, received the third highest score on the November North Dakota Certified Public Accountant exam. She also passed the exam in her first sitting.

Schwartzwalter, Fargo, graduated with a bachelor of accountancy degree. She is employed at Eide Bailly LLP, Fargo, as an associate in the audit and tax departments.

"Once again we have someone in the top three in North Dakota, something we do fairly consistently," said James Hansen, associate professor of accounting, noting that over the past 10 exams NDSU graduates have placed in the top three positions 14 times. "The success of our graduates shows the consistency of the strong program we have at NDSU and the good students we get. They do a wonderful job."

Other NDSU alumni who were recognized for passing the CPA exam in one sitting were Annie Marie (Williams) Bergrud, bachelor of accountancy '00, and Nicole L. Lervik, BS '01.

Also passing the exam were NDSU graduates Randy A. Heller, BS '99; Sharon Mary Stam, BS '95; and Sara K. Sorenson, BS '98.

Publications staff receive Ad Fed awards

Staff in Publications Services and University Relations in the Office of the President won several awards for excellence in design at the 44th annual F-M Advertising Federation Addy Award Competition.

Lourdes Hawley, graphic designer, won an Addy for advertising materials for the Division of Fine Arts, Bach Concert. She also received a Citation of Excellence for the Development Foundation Recognition Societies Annual Report and a Citation of Excellence for the NDSU Libraries newsletter.

Julie Babler, graphic designer, and Laura McDaniel, director of marketing communication, received a Citation of Excellence award for the cover of NDSU Magazine.

Kim LePage Briss, graphic designer, won an Addy for the Development Foundation Annual Report and a Citation of Excellence award for a poster for the Little Country Theatre's production of "A Funny Thing Happened on the Way to the Wedding."

Winners are chosen by a panel of judges selected by the federation's board members. Federation members include advertising agencies, production companies, institutions, businesses and freelance writers, photographers, designers and producers.

Noel, Godfrey earn women's indoor track top honors

NDSU student athlete Andi Noel was named Female Indoor Athlete of the Year by the United States Track and Field Coaches Association North Central Region, while women's head track and field coach Ryun Godfrey was named the region's Women's Indoor Coach of the Year.

Noel, a senior from Stephen, Minn., placed sixth in the 55-meter hurdles at the 2001 NCAA Division II Indoor Track and Field Championships in Boston. She claimed her second straight North Central Conference pentathlon title with a career-best 3,472 points. She also placed third in the 55-meter hurdles and the long jump at the league meet.

Godfrey guided the Bison to their second straight NCC indoor title this winter. NDSU also placed third at the 2001 NCAA Division II Indoor Track and Field Championships. He previously was the NCC's 1999 Women's Cross Country and 2000 Women's Outdoor Track and Field Coach of the Year.

Larson wins men's indoor track coaching honor

Head men's track and field coach Don Larson was selected the United States Track and Field Coaches Association North Central Region Men's Indoor Coach of the Year by vote of his peers.

NDSU won the NCC Indoor Track and Field Championship for the second consecutive year and 12th time under the 22-year tutelage of Larson. The Bison men placed 18th at the 2001 NCAA Division II Indoor Track and Field Championship.

Events

Staff Recognition Luncheon scheduled for April 11

The Office of Human Resources is sponsoring the 13th annual NDSU Staff Recognition Luncheon at 11:30 a.m. Wednesday, April 11, in the Memorial Union Ballroom.

Staff retirees and employees with five, 10, 15, 20, 25 and 30 years of service will be recognized at the luncheon. All NDSU employees are invited to attend the luncheon in support and recognition of their colleagues.

The meal costs \$9 per person and is payable at the Office of Human Resources, Old Main 205. Meals may be purchased through Friday, March 30. If you have special dietary needs, or request for accommodations related to a disability, contact the Office of Human Resources at 1-8961 by 1 p.m. Friday, March 30.

Open forums planned to discuss peer review of teaching

NDSU faculty and administrators are invited to participate in interactive open forums on peer review of teaching. The Ad Hoc Committee on Peer Review of Instruction was charged by the University Senate's executive committee to develop materials for the peer review process. The forums are opportunities for public discussion of those materials.

The first forum is scheduled for 2:30 p.m. Tuesday, March 27, in the Memorial Union Peace Garden Room. The second forum is scheduled for 1 p.m. Wednesday, April 4, in the Memorial Union Prairie Rose Room.

Representatives of the Committee on Teaching and Professional Service will join members of the ad hoc committee at the forums. Summaries of materials developed by the peer review committee will be distributed at the forums. The summaries include materials on peer observation of classroom instruction, peer interviewing of students and peer review of syllabi.

A number of faculty and administrators have questioned the value of the data from the Student Rating of Instruction as an indicator of quality instruction. Peer review of teaching should provide faculty with objective information that can be used to progress to, or document attainment of, superior teaching.

The materials to be discussed have been developed to be part of a faculty-owned process for documenting the scholarship of teaching. A central concept will be the identification of 10 "master teachers" to receive training as peer reviewers. Additional peer reviewers may come from the department. For some peer review activities, faculty from other institutions could be invited to serve as peer reviewers if they had expertise in the subject and material presented in a course.

If possible, all NDSU faculty and administrators are invited to attend at least one of the forums to learn more about the materials that have been developed and to make contributions to the peer review process.

Ethics of cross-cultural judgments to be focus of lectureship



Nelson

Hilde Lindemann Nelson, associate professor of philosophy, Michigan State University, will bring her extensive background in health and applied ethics to a public lecture to NDSU. "Relativism, Integrity and the Problem of Cross-Cultural Judgments," is scheduled for 7:30 p.m. Thursday, March 22, in Askanase Theater. The lecture will be followed by a question and answer session with a panel of community professionals and audience members.

Nelson has a doctorate in philosophy from Fordham University, and is the author of several books, including "Injured Identities, Narrative Repair;" "Alzheimer's: Answers to Hard Questions for Families;" and "The Patient in the Family." She is an associate at the Center for Ethics Humanities in the Life Sciences at Michigan State University and director of the Center for Applied and Professional Ethics at the University of Tennessee.

In her lecture, Nelson will explore dilemmas faced by American health care workers when they are asked by patients from other countries or different cultures to acknowledge and cooperate in health care practices they believe are morally dubious. For instance, if the care givers preserve their integrity by pressing their own evaluative standards as they treat patients from other cultures, their judgments may be parochial, uniformed, arrogant or oppressive. Yet, if they refuse to make judgments about different cultures, they engage in a kind of moral relativism that would seem to compromise their integrity. Nelson will present a narrative way out of this dilemma.

While visiting the area, Nelson also will make Grand Rounds presentations 12:15 p.m. Thursday, March 22, at Dakota Clinic Auditorium, and at noon Friday, March 23, at MeritCare Medical Center Auditorium. In these presentations, titled "The Culture of the Family," Nelson will demonstrate how viewing the problem of unruly families as a clash between hospital culture and the culture of the family can sometimes make morally intelligible what has previously seemed to be obnoxious behavior.

The public lecture and Grand Rounds events are open to the public and sponsored by Healthcare Ethics Lectureship Committee. Established in 1992, the committee promotes education and dialogue about health care and the ethical and moral perspectives that shape the delivery of care in our community. It is comprised of faculty and health care personnel from eight Fargo-Moorhead institutions, including NDSU, Concordia College, Dakota Heartland Health System, Fargo Veterans Affairs Medical Center, MeritCare Medical Center, Minnesota State University Moorhead, PRACS Institute and the University of North Dakota School of Medicine. In addition, the lectureship is supported by a grant from Dakota Medical Foundation.

Requests for information or accommodations related to disability should be made prior to the events by contacting Kathleen Slobin, at 1-8939, or kathleen_slobin@ndsu.nodak.edu.

Helgeland to present Tri-College history lecture



Helgeland

John Helgeland, professor of religion and history, is scheduled to present the 25th annual Tri-College History Lecture, "Eusebius and the Creation of Constantine," at 7:30 p.m. Tuesday, March 27, in Beckwith Recital Hall.

Helgeland will discuss how less than a decade after the greatest of all empirewide persecutions, the church gained the favor and support of the Roman Empire. He argues that more than a paradigm shift, this reversal centered around an apocalyptic interpretation of Constantine that had a trajectory running through the Holy Roman Empire all the way to Jonathan Edward's "History of Redemption." He will explore how Eusebius created Constantine and a Christian reality on the heels of the great persecution.

For more information, contact the Department of History and Religion at 1-8654.

George Graf Distinguished Lectureship planned for April 6

The George Graf Distinguished Lectureship is scheduled for 2 p.m. Friday, April 6, in Loftsgard 114. Henry M. Mizioroko, professor of biochemistry, Medical College of Wisconsin, will present "Phosphoribulokinase: The Structure/Function Basis for Regulation and Catalysis." A reception is planned for 1:30 p.m. in the atrium of Loftsgard Hall.

Mizioroko will discuss his studies on plant and bacterial phosphoribulokinase, an important component of the Calvin Cycle. His research employs chemical, biophysical and molecular biology approaches to elucidate the structure/function relationships that determine enzyme catalysis and/or regulation of several enzymes in lipid and carbohydrate metabolism.

Mizioroko received his bachelor's degree in chemistry from St. Joseph's University, Philadelphia, and his doctorate in biochemistry from the University of Pennsylvania. His post-doctoral work was in physiological chemistry at the John Hopkins University School of Medicine. He joined the faculty of the Medical College of Wisconsin in 1977 and received a National Institutes of Health Research Career Development Award in 1979. As a fellow of the Alexander von Humboldt Foundation, he was a visiting professor at the Max-Planck Institut fur Experimentale Medizin in Gottingen in 1983. He has served as a member and chair of several NIH study sections and received the NIH Merit Award in 1991. He has been the program chair of the biology division of the American Chemical Society and currently serves on the editorial board of the Journal of Biological Chemistry.

This annual lecture honors George Graf (1920-1999) for his contributions to NDSU. He was a member of the biochemistry department from 1966-1990. Much of his work centered on the enzyme carbonic anhydrase. He earned international attention for his research in biochemical-biophysical and physical biochemistry.

Support for this lecture is provided by the Departments of Biochemistry and Molecular Biology, Plant Sciences, Plant Pathology, Pharmaceutical Science, the College of Science and Mathematics, the Cooperative Sponsorship Program and the George Graf Lectureship/Scholarship Fund.

Scarr to present Women's Studies Lecture



Scarr

Sandra Scarr, professor emerita of psychology, University of Virginia, is scheduled to present the annual Women's Studies Lecture at 8 a.m. March 28, Beckwith Recital Hall, Reineke Auditorium. Her lecture, "The Price of Gender Equality in the Employment Marketplace" is a campus-community event hosted by the NDSU Women's Studies program.

The lecture will explore how to achieve economic equality for women in the workplace. According to Scarr, women in Western nations face a Hobson's choice: To strive for independent achievement, with attendant social and economic rewards, or to focus their efforts on family development, household maintenance and child rearing. While some nations, most notably those in Scandinavia, have adopted policies to assist mothers in combining work and family responsibilities, such policies reveal an ambivalence toward women's roles as mothers and work force members. As a result, policies that encourage mothers to leave their employment for periods of child rearing have long-term consequences for economic achievements. Scarr's presentation will examine differences in men's and women's economic status and dilemmas in women's roles.

Scarr received her doctorate in psychology and social relations at Harvard University. Her research on behavior genetics, intelligence and child development has been published in more than 200 articles and four books. Her contributions to research on children and family policy have been recognized by the American Psychological Association. In 1985 she won the National Book Award for Mother Care/Other Care; in 1989, the Distinguished Contributions to Research and Public Policy award; and in 1993, the James McKeen Cattell Award. In addition to her academic activities, Scarr founded and served as chief executive officer and chair of the board of directors for KinderCare Learning Centers Inc., the largest child care company in the United States. She also has served on the Steering Committee on Prevention Research for the National Institutes of Mental Health, and has consulted with many organizations to improve early education, child care and family relations.

Students, staff, faculty and the public are invited to the annual lecture event. For more information, or for those in need of special assistance at the event, contact Kathleen Slobin, at 1-8939 prior to the symposium.

'World Fest 2001' events scheduled

NDSU's International Week is scheduled for March 26-30. The Office of International Programs invites students, faculty, staff and the community to participate in the events and activities of "World Fest 2001."

During the week, an international photography contest will be held, with the photos on display in the Memorial Union Alumni Lounge. Submitted photos may represent such things as cultural events, scenic landscapes or historical monuments. Prizes will be awarded for the top three entries. Entries will be accepted in the Office of International Programs through Friday, March 23.

The residence halls also will be decorated to represent different countries. Judging will take place Friday, March 30.

Other scheduled events include:

Monday, March 26

An International Expo is planned for 10 a.m.-3 p.m., in the Memorial Union Alumni Lounge. International associations and students will display information about different aspects of their respective countries.

The opening ceremony and "Parade of Nations" are scheduled for 11 a.m. in the Memorial Union. President Chapman and Alberto Sun, International Student Association president, will present comments and students carrying flags from numerous countries will parade through the Memorial Union.

Tuesday, March 27

"Global Voices" is scheduled for 11 a.m.-1 p.m. in the Memorial Union Alumni Lounge. Students and faculty will read writings, songs and folk tales in the speaker's native language and then again in English.

"BaFa BaFa—A Cross Culture Simulation" is planned for 7-9 p.m. in Weible Hall. The interactive game helps participants learn about people from different cultures.

Wednesday, March 28

A Study Abroad Fair is scheduled for 11 a.m.-3 p.m., in the Memorial Union Prairie Rose Room. Exchange students and program representatives will explain opportunities to study abroad. Door prizes will be presented.

The YMCA of NDSU brown bag seminar will feature students Shawn Volesky and Jeremy Leiferman, who will discuss their experiences in West Africa. It is planned for noon in the Memorial Union Peace Garden Room.

"The Color of Paradise" is the movie of the week that will be shown at 7 p.m. in the Memorial Union Century Theater. The film, an Academy Award nominee, was made in Iran.

Thursday, March 29

A traditional Japanese lunch buffet will be served 11:30 a.m.-1 p.m. at the Alumni Center. Tickets, which must be purchased in advance, are \$5. For information or to purchase tickets call the Office of International Programs at 1-7895.

Friday, March 30

"International Night" is scheduled for 7 p.m. in the memorial Union Century Theater. The International Student Association will sponsor a variety show featuring songs, dances and theatrical skits from many countries. Tickets, which cost \$5, are available in the Office of International Programs, Ceres 338, or any ISA member.

'College Prep 101' to be held

NDSU is scheduled to host "College Prep 101," a free college planning night for high school freshman, sophomores and juniors and their parents at 7 p.m. Thursday, March 29, in the Reimers Room of the Alumni Center.

The program will assist students and parents in preparing for the college planning process. It will explore topics such as types of schools, admission requirements and cost. The program is designed to give students the tools to help them be informed consumers as they explore their post-secondary options.

The program is a cooperative effort between NDSU, Lake Region State College, Minot State University-Bottineau, North Dakota State College of Science, University of Mary and Williston State College. College Prep 101 is designed to be a service to students and is not intended to be a recruitment program for any of the institutions involved.

No RSVP is necessary. For more information, contact Jill Walkinshaw or April Hanson, in the NDSU Office of Admission, at 1-8643.

Martin to share research on Japan's Foreign Lawyer law

Drew Martin, assistant professor of business administration, is scheduled to present "External Influences on Procuring Professional Services in Japan," at noon Wednesday, March 21, in Putnam Hall 101.

Martin will examine how Japan's Foreign Lawyer Law regulates the scope of practice of foreign lawyers in Japan. According to Martin, since 1994, the Foreign Law has been amended several times, in response to outside pressure from foreign governments and bar associations. Their primary argument has been that the law creates a trade barrier for businesses trying to enter the Japanese market.

Martin will discuss whether the changes matter from the client's perspective. Regulatory, social/cultural and competitive elements of the market were examined in Martin's study.

The seminar is free and open to public. People may bring a brown bag lunch, if they wish. For more information contact Martin, at 1-8351.

Legislative Bill Status Report

Office of the NDSU General Counsel

The Legislature's Web site is located at www.state.nd.us/lr. The phone number is 888-635-3447, but e-mailing your legislator is probably more efficient.

Descriptions in bold are new additions since the last report. Report as of March 14.

Senate bills

SB 2003: NDUS appropriations. Appropriates to NDSU \$65,262,441 general fund. Moves all university salary money to the NDUS Office. Removes tuition from appropriated estimated income. Passed Senate as amended 49-0.

SB 2021: Agriculture appropriation. Appropriates \$51,742,895 general fund dollars. Passed Senate as amended 47-0.

SB 2022: Information Technology Department appropriation. Passed Senate as amended 48-0.

SB 2023: Appropriates \$296,348 to the Industrial Commission for bonding for NDSU energy improvement projects. Passed Senate as amended 48-1.

SB 2026: Amends 54-59-11 to require information technology plans to include plans for telecommuting for select employees. Passed Senate 35-14. **Failed House 18-76.**

SB 2037: Amends 15-10-12 to provide for the continuing appropriation of special revenue funds, including tuition. Failed Senate 1-47. Was amended into SB 2003.

SB 2038: Amends 54-44.1-04 to require biennial budgets to include block grants for the NDUS for base, initiative and physical plant asset funding. Failed Senate 1-47. Was amended into SB 2003.

SB 2039: Amends 15-10-12.1 to authorize SBHE to approve construction of gift/grant financed improvements if not more than \$250,000. Passed Senate 48-1.

SB 2040: Removes NDUS from reports by OMB on state employee bonuses and temporary salary adjustments. Passed Senate 42-7.

SB 2041: Adds new sections to chapter 15-10 to implement Higher Education Roundtable strategic planning recommendations. Passed Senate 48-1.

SB 2042: Relates to powers of SBHE. Repeals patent chapter (47-28) and adds intellectual property policy authority to those powers. Passed Senate as amended 48-0.

SB 2082: Amends 54-52-17 to increase PERS retirement multiplier to 2 percent from 1.89 percent. Passed Senate 49-0. **Passed House 93-0.**

SB 2110: Continues Project Safe Send regarding the pesticide disposal program. The NDAES has a role in this program. Passed Senate 48-0. **Passed House 84-13.**

SB 2117: Amends open record provisions, including 44-04-17.1, to include as a "public entity" any task force created by order of a president of a university if a majority of members are not employees. Passed Senate 49-0.

SB 2122: Creates the Trees for North Dakota Program. Passed Senate 45-0. **Passed House 93-1. Signed by Governor.**

SB 2136: Amends 15-10-19.1 defining a "resident student" for tuition purposes. Passed Senate 49-0. **Passed House 86-7.**

SB 2137: Appropriates \$2.31 million to replace F Court and \$560,000 to renovate Robinson Hall. Passed Senate 49-0. Passed House 97-0. Governor signed.

SB 2151: Raises the fixed asset reporting exemption to \$5,000. Passed Senate 49-0. **Passed House 96-0.**

SB 2280: Sets damage limits for destruction of crops, including test plots. Passed Senate as amended 49-0. **Passed House 94-0.**

SB 2291: Mandates NDUS institutions accepting credit transfers in arts, humanities, natural and applied sciences from other NDUS institutions if student had at least a 2.0 grade point average. Passed Senate as amended 49-0. **Is apparently going to be turned into a study resolution.**

SB 2292: Creates a note repayment program for veterinary optometry and dentistry students who return to North Dakota to work. Passed Senate as amended 49-0. **Failed House 1-93.**

SB 2297: Increases lodging expense reimbursement from \$42 to \$45. Passed Senate as amended 47-2.

SB 2336: Provides for a corporate income tax reduction for research conducted at research facilities. Passed Senate as amended 40-9.

SB 2374: Provides for a state income tax credit for charitable contributions to a North Dakota higher education institution or its supporting 501(c)(3) foundation. Passed Senate 35-12.

SB 2413: Adds a new section to chapter 4-24 requiring mediation or arbitration provisions in all contracts for production or sales of agriculture commodities. Passed Senate as amended 49-0.

SCR 4011: Directs the Legislative Council to study statewide delivery of library services. Adopted as amended in Senate.

SCR 4040: Directs the Legislative Council to study problems associated with credit card companies marketing to college students.

SCR 4041: Directs the Legislative Council to study the financial impact of credit card fees on higher education and young adults.

House bills

HB 1003: Authorizes Attorney General to charge fees for State Fire Marshal services. Passed House as amended 97-0.

HB 1015: OMB appropriation. Provides for 3 percent first year/2 percent second year raise guidelines. Passed House as amended 97-0.

HB 1026: Deficiency appropriation including \$1,609,200 to NDSU for flood expenditures. Passed House as amended 96-0.

HB 1043: Appropriates \$1 million to Bank of North Dakota to make student loan payments for resident students in target industries. Passed House as amended 65-32.

HB 1046: Moves the faculty oath requirements into the higher education chapter, 15-10. Passed House 95-1.

HB 1099: Extends certain health benefits to PERS members who choose the alternate defined contribution plan. Passed House as amended 98-0. **Passed Senate as amended 47-0.**

HB 1106: Adopts the Uniform Electronic Transactions Act, including legality of electronic signatures. Passed House 95-3.

HB 1118: Amends 18-08-12 to allow for fire inspections of state buildings (except residential buildings) every three years vs. annually. Passed House as amended 96-0. **Passed Senate 46-0.**

HB 1147: Amends 24-02-03.3 to allow agencies to authorize use of personal vehicles vs. state fleet vehicles. Passed House 90-7. **Passed Senate 47-0.**

HB 1156: Amends 44-08-04.5 to authorize prepayment of lodging expenses if the agency can show reduced lodging costs. Passed House as amended 97-0. **Passed Senate 47-0.**

HB 1157: Creates a quality schools initiative to assess quality of elementary and secondary schools. The chancellor is on the advisory board. Passed House as amended 97-0.

B 1181: Amends SBARE statutes re budget requests and payment of administrative expenses. Passed House as amended 81-14.

HB 1182: Amends 49-21-01.1 to exempt higher education from PSC telecommuting regulation. Passed House as amended 96-1. **Passed Senate as amended 38-10.**

HB 1197: Increases to 31 cents per mile (from 25 cents) the state motor vehicle travel reimbursement rate. Increases the out-of-state travel definition from in excess of 150 miles to 300 miles (one way) beyond the state border. Passed House 94-1.

HB 1200: Appropriates \$320,000 in general funds to the North Central Research Extension Center to purchase land. Passed House as amended 94-1.

HB 1216: Extends the Oct. 1, 2001, time period for employees on PERS to transfer to the defined contribution plan under chapter 54-52.6. Passed House as amended 97-0.

HB 1217: Extends to Sept. 30, 2002, the time period for employees on PERS to transfer to the defined contribution plan under chapter 54-52.6. Passed House as amended 61-36.

HB 1283: Creates a student loan interest rate buydown program for employees in technology occupations. Passed House as amended 84-14.

HB 1310: Appropriates \$120,000 of the student grant money in SB 2003 to the SBHE for scholarships for retraining elementary and secondary teachers.

HB 1338: Imposes, until July 31, 2003, a moratorium on genetically modified wheat seed. Passed House as amended 68-29.

HB 1360: Creates a nursing needs study to address supply and demand for nurses. Passed House as amended 96-0.

HB 1386: Construction managers shall bond entire cost of project through a single bond.

HB 1392: Removes the sales tax exemption for educational activities held in a public facility if gross receipts from an event exceeds \$5,000. Passed House 96-0. **Passed Senate 47-0.**

HB 1442: Restricts access to land by owners of genetically modified seed patents to determine patent infringement. Passed House as amended 94-4.

HB 1444: Student loan reduction program for high school teachers. Passed House as amended 93-4.

HCR 3046: Directs the Legislative Council to study issues relating to genetically modified wheat.

HCR 3061: Directs Legislative Council to study how demographic trends will affect delivery of education over the next 20 years.

Shorts and Reminders

Quantity foods meal

A "Scandinavian Delights" dinner is planned for noon Thursday, March 22. The menu includes Swedish meatballs, mashed potatoes, salad, crescent rolls, carrots and lefsa. Also, a Mardi Gras meal is planned for noon Thursday, March 29. Both meals will be served at the lower level of West Dining Center. The cost for each meal is \$5.40, or free to those on a meal plan.

Union Food Court specials March 21-28

The Corner Deli

Wednesday: Italian combo
Thursday: roast beef
Friday: chicken
Monday: ham
Tuesday: roast beef
Wednesday: chicken Caesar wrap

More Than a Burger

Wednesday: 1/4 pound hamburger
Thursday: popcorn chicken
Friday: mushroom Swiss burger
Monday: breaded chicken
Tuesday: 1/4 pound cheeseburger
Wednesday: fish sandwich

A La Carte

Wednesday: moo goo gai pan
Thursday: sassy Seville wrap
Friday: honey barbecued chicken breast
Monday: beef stroganoff
Tuesday: broasted chicken
Wednesday: turkey enchilada

Pizza Express

Wednesday: once around the kitchen
Thursday: bacon cheeseburger
Friday: taco
Monday: Dakota
Tuesday: southwestern chicken
Wednesday: farmhouse

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 to check out the 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 closing dates through the Office of Human Resources, Room 205, Old Main:

Cashier/Food Service Worker/#1080
10-month position; 40 hours/week
6 a.m.-2:30 p.m. (Monday-Friday; some evenings and weekends)
Dining Services – Memorial Union
\$6.75/hour
March 28

Catering Attendant
(Per Diem; some evening and weekends)
Dining Services – Memorial Union
\$6.75/hour
Open until filled

Equipment Operator/#721
Physical Plant
\$18,720 minimum/year
March 21

Recruit Police Officer/#685
NDSU Campus Police
\$21,264/year
March 26

Library Associate/#3303
Chemistry Library
\$18,000+/year
March 23

Account Technician/#0521
Library Administration
\$19,000+/year
March 21

Nutrition Education Assistant (EFNEP)/#1989
NDSU Extension Service - Sioux County
\$15,000 minimum/year (12 months; 40 hours/week)
(Contingent on availability of Federal Funds)
March 21

Telecommunications Technician/#4518
ITS
\$22,000+/year depending on experience
March 28 or until filled

Systems Administrator/#4145
ITS
\$33,000+/year depending on experience
March 28 or until filled

Research Technician/#5111/#5118
Animal and Range Sciences
\$26,000+/year commensurate with education and experience
Open until filled

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

Calendar

March

Through March 28 Memorial Union Gallery,
"Contemporary Quilts of the Prairie and Plains," quilters:
Susan Duffy, Kathy Laid, Coni Lamb and Kim Lawonn

21 Physics—Kanishka Marasinghe, University of North Dakota, "A Novel Host Matrix for High Level Nuclear Waste," 4 p.m., South Engineering 208

21 Woodwind Chamber Night, 7:30 p.m., Beckwith Recital Hall; free admission

22 Christopher Bunker, Air Force Research Laboratory, "Spectroscopic Investigations in High-Temperature, High-Pressure Supercritical Fluids: Understanding the Fundamental Properties of a Supercritical Aviation Fuel," 3:45 p.m., Dunbar 152

22 Gold Star Concert Band Home Concert, 7:30 p.m., Festival Concert Hall

23 Pharmaceutical Sciences—Somnath Singh, "Dermatotoxicity from Percutaneous Absorption of Components of JP-8 Jet Fuel, and Stability of Protein," 9 a.m., Sudro 205

23 Animal and Range Sciences—Roger Haugen, "The Changing Face of the North Dakota Sheep Industry – An Extension Perspective," 3 p.m., Hultz 104

23 Concert Choir Home Concert, 7:30 p.m., Festival Concert Hall

23 James Hersch concert, 7:30 p.m., Memorial Union Gallery; \$6 admission

23 Plant Sciences—Jerad Liedberg, "Juneberries, a High Value Crop in North Dakota," 3:30 p.m., Loftsgard 114

26 Advising week begins for Fall 2001 registration

26-April 11 Baccalaureate exhibition, Reineke Visual Arts Gallery

26-30 International Week

27 Chemistry—David Goodin, Scripps Research Institute, "Introducing Novel Properties into Heme Proteins by Cavity Engineering," 3:45 p.m., Dunbar 152

27 Tri-College History Lecture—John Helgeland, "Eusebius' Creation of Constantine," 7 p.m., Beckwith Recital Hall; reception to follow

29 Entomology—Stephen Foster, "Sex Pheromones and their Biosyntheses in Moths," 1 p.m., Hultz 272

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

29 Chemistry—Robert E. Synovec, University of Washington, is scheduled to present a lecture at 3:45 p.m. in Dunbar 152

29 Jazz Combos Concert, 7:30 p.m., Beckwith Recital Hall

30 Animal and Range Sciences—Sarah Shellito, graduate student, "Effects of Concentrated Separator Byproduct (CSB) on Intake, Digestion and Nitrogen Retention in Ruminants Fed Basal Hay Diets," and Mary-Brianna Knight, graduate student, "International Livestock Congress – Equine Portion," 3 p.m., Hultz 104

30 Plant Sciences—Nathalie Vignaux, "The French Way to Breed Wheat," 3:30 p.m., Loftsgard 114

30-April 6 Visual art senior thesis exhibit, Memorial Union Gallery; reception: 4-6 p.m., April 6

April

2 Deadline for Staff Senate scholarship applications

3 NDSU Health Fair, 10 a.m.-3 p.m., Memorial Union

5 Entomology—Jan Knodel, "Entomological Projects of Canola, Sunflower and Small Grains in North Central and Western North Dakota—Nuts and Bolts," 1 p.m., Hultz 272

6 Animal and Range Sciences—Thomas Socha, "U.S. versus Chinese Hog Production," 3 p.m., Hultz 104