

Groundbreaking held for Research and Technology Park

NDSU President Joseph A. Chapman operated John Deere heavy equipment to officially break ground for the new NDSU Research and Technology Park during ceremonies May 19. The park, located on 40 acres west of the Fargodome, is a place where NDSU researchers and private industry will combine their talents to develop new technologies, methods and systems.



President Chapman gets instructions for operating a piece of John Deere machinery at the Research and Technology Park groundbreaking.

Emerging companies will lease space in the facility as faculty and students work with them to prepare new products or methods.

“Isn’t this really the start of an era where the land-grant mission of NDSU takes on its 21st century form? Isn’t it a perfect fit that the private partner in this venture is Phoenix International, a John Deere company, that is closely aligned to agriculture, the mainstay of North Dakota’s economy?” asked Phil Boudjouk, vice president for research, creative activities and technology transfer, who served as emcee for the ceremonies.

Chapman called the groundbreaking “a great day, a wonderful day,” and said there has been overwhelming enthusiasm for the park as it became a reality. “An engaged university as a concept celebrates the land-grant university. We have to always remember that it’s all about people and serving people. That’s at the essence of what fine land-grant universities do,” he said.

Barry Batcheller, Phoenix International president and chief executive officer, said, “If we’re going to make significant change in our communities we have to work together and band together. We have to do some things that are a little outside the box. I’m looking forward to the years ahead. This is the start of some really good things.”

Jeanette Satrom, chair of the State Board of Higher Education said the day was one the participants will always remember. “This is prime example of the community and college working together,” she said. “Thank you to Phoenix International, you are leading the way. Thank you to Dr. Chapman for your innovation and vision. The State Board of Higher Education supports you all the way in doing this and it’s behind you all the way.”

The cornerstone tenant will be Phoenix International Corp., a John Deere company. The manufacturer of electronic controls and sensors will inhabit the park’s first structure, which will provide laboratory and office space for a projected 320 employees.

The park’s second building is a facility designed for NDSU researchers that will include laboratories and Net-wired, technology-related facilities. Also planned is a 15,000 square foot business incubator.

Report on NDUS in 21st Century available online

The Interim Higher Education Committee, at its May 25 meeting, accepted the report “A North Dakota University System for the 21st Century.”

The report was written by members of the Roundtable for the Legislative Council Interim Committee on Higher Education. The group consisted of 21 legislators and 40 leaders from government, education, the private sector and included President Chapman. The study was a result of the 1999 North Dakota Legislative Assembly in a resolution that requested a study to “address the expectations of the North Dakota University System in meeting the state’s needs in the 21st century, the funding methodology needed to meet these expectations and needs, and an accountability system and reporting methodology for the University System.”

The report is available on the Web at www.ndus.nodak.edu/reports/details.asp?id=332.

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Publication date: Wednesday, July 12
Submissions due: noon July 6
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She went on to read a letter from North Dakota University System Chancellor Larry Isaak that said, in part, "I'm very excited about this new endeavor for NDSU. It is bold and innovative, and exactly what is needed for NDSU and the state of North Dakota. I believe it is symbolic of a new century in higher education partnerships with business and industry."

Fargo Mayor Bruce Furness described the park as a partnership and an example of how people working together can get amazing things accomplished. "This is a win for NDSU because it will enhance its reputation and research capabilities and serve its mission. It is a win for business, and Phoenix International in particular, because they are going to have access to academic excellence, state-of-the-art facilities and future businesses will take advantage of incubator functions provided here. It's a win for students because it gives them new opportunities to learn, intern and gain employment. It's a win for the city because it provides continued economic development for our region," he said.

Student body president Tadd Tobkin described the park as another step in NDSU's commitment as an engaged university to meet the needs of the state. "This is truly a milestone day," he said. "The park provides an excellent opportunity for graduate and undergraduate students to be involved in research and hands-on work experience."

Burton named Graduate School dean

Craig Schnell, vice president for academic affairs, announced the selection of Velmer S. Burton Jr. as dean of the NDSU Graduate School. Burton will begin his duties in July.

Burton comes to NDSU from Southeast Missouri State University, where he has been the associate provost for graduate studies and research and dean of the graduate school since 1998. He previously was on the criminal justice faculty at Ferris State University, Washington State University-Pullman, Sam Houston State University and Illinois State University.

"We are pleased to welcome Dr. Burton to NDSU after a national search to fill this position," said Schnell. "We are glad to have a person of his ability and background join the campus community."

An alumnus of the University of Cincinnati, Burton earned his bachelor's degree and master's degree in criminal justice and his doctorate in sociology. He also was a post-doctoral visiting scholar in higher education administration at Michigan State University.

He has co-edited one book and his vita lists 39 publications. Burton also has delivered about 60 papers at professional association meetings. He is a member of the American Society of Criminology, Academy of Criminal Justice Sciences, Midwest Criminal Justice Association, Society for Applied Sociology, Midwest Council of Graduate Schools and the Council of Graduate Schools.

The search committee was chaired by Jay Leitch, dean of business administration. Other committee members included Robert Wood, James Deal, Dogan Comez, Virginia Packwood, Kenneth Kellogg, Shannon Schlecht, Glen Statler, Joe Mike Jones, Jagdish Singh, Carolyn Schnell and Carol Stark.

Germans from Russia program receives \$1.1 million gift

The Germans from Russia Heritage Collection at the NDSU Libraries received a \$1.1 million endowment from the estate of Marie Rudel Portner during ceremonies May 26. Portner was a former North Dakotan of German-Russian descent who lived in Las Vegas at the time of her death.

"The endowment reaffirms the permanency of the program and it reaffirms our commitment to the Germans from Russia heritage and culture," said Richard Bovard, interim director of the NDSU Libraries. "While there is significant support from people in the state and around the country for the Germans from Russia program, this is by far the greatest example of that support."

The Germans from Russia Heritage Collection collects, documents, translates, exhibits, preserves and publishes resources about the culture, history, folklore, foodways and clothing of the Germans from Russia and their descendants in North Dakota and the Northern Plains. The NDSU Libraries and the collection privately funded and co-produced with Prairie Public Television the documentaries "The Germans from Russia: Children of the Steppe, Children of the Prairie," which was shown on Public Broadcasting System stations throughout the country, and "Schmeckfest: Food Traditions of the Germans from Russia," which aired on PPTV and other PBS stations.

The endowment is intended for the program's general use, and funds could be used for such things as travel for staff members to gain oral histories of German-Russian culture, translation work, publishing, traveling exhibits and staffing needs.

"The endowment will substantially enhance and enrich the activities and mission of the collection," said Michael M. Miller, Germans from Russia bibliographer. "Students, scholars and family historians will have access to additional and significant print and electronic resources, oral histories and archival materials because of the endowment."

"It was truly an honor to know Marie Rudel Portner, who would always say, 'North Dakota is my real home and I still love it there,'" Miller said. "She was a wonderful example of the strength, faith and determination that characterize the Germans from Russia who settled in the Dakotas."

Portner, who died last year at the age of 102, graduated from Fessenden High School in 1917, and then attended Valley City State Teachers College. She taught at North Dakota elementary schools at West Norway Township, Wellsburg and Heimdal, before moving to Spokane, Wash. She married O.H. Portner in 1922 and moved to Los Angeles. O.H. Portner, an electrician, also developed property in the Alhambra area. The couple moved to Las Vegas, where he was an electrical/plumbing inspector for the city and county, and involved in land development. He died in 1972.

Portner's gift is in honor of her parents, Simon and Dorothea Rudel. Simon Rudel's parents moved from Wuerttemberg, Germany, to Arzis, a Bessarabian town in what is now the southern Ukraine. He immigrated to the United States in 1877. In 1882, the couple married in Scotland, S.D., and they later moved to Wells County in North Dakota. He is listed on the document for the incorporation of the German Baptist Church of Germantown in 1902. They were both charter members of the First Baptist Church of Fessenden.

Representing Portner at the ceremony was Doug Reimer, trust officer of the Nevada State Bank; lawyer Ashley E. Nitz; and her great-nephew, Ross Rudel, an artist from Los Angeles.

For further information about the Germans from Russia Heritage Collection, visit www.lib.ndsu.nodak.edu/gerrus.

Development Foundation names grant, award recipients

The NDSU Development Foundation recently announced the recipients of grants and awards for 2000.

"It's wonderful to have donors who allow our ambitious faculty to pursue their research," said President Joseph A. Chapman. "The generosity of our alumni and friends is much appreciated."

Recipients, the amount of the awards, their colleges and the endowment funds are:

- Tuncay Aktosun; \$800; science and math; Board of Trustees
- Jeffrey Brand; \$650; arts, humanities and social sciences; Libraries
- Jeffrey Clark; \$2,500; arts humanities and social sciences; Centennial
- Susan Council; \$1,000; business administration; Board of Trustees
- Charlene Hall and Catherine Logue; \$1,050; human development and education; Libraries
- Kent Kapplinger; \$300; arts, humanities and social sciences; Libraries
- Kalpana Katti; \$2,800; engineering and architecture; Centennial
- Timothy Kloberdanz; \$800; arts, humanities and social sciences; Board of Trustees
- Jay Leitch; \$5,000; business administration; Centennial
- Charles Okigbo; \$1,500; arts, humanities and social sciences; Centennial
- Wayne Reitz; \$800; engineering and architecture; Board of Trustees
- Kathie Richardson; \$4,500; library; Centennial
- Lynn Rust; \$5,000; agriculture; Centennial
- David Swenson; \$1,000; arts, humanities and social sciences; Board of Trustees

Property insurance deductible to increase July 1

The deductible for property damage claims on university property is going up. In return for the higher deductible, the university expects to save thousands of dollars on the insurance premium.

University property is insured by the State Fire and Tornado Fund, with premiums paid by Physical Plant. Under the old policy, departments were responsible for the full \$250 claims deductible. July 1, the deductible will increase to \$2,500 with departments responsible for the first \$500 and Physical Plant for the remainder.

"If no claims are made, the university could save up to \$32,000 a year," said Tom Akers, director of purchasing.

Policy updates announced

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

Policy 337—Grade Appeals Board

This policy change allows a student to request a grade change within the first three weeks of the beginning of the semester following the semester in which the grade was awarded (former policy required the request to be within three weeks of the date grades were awarded).

Policy 350.2—Board Regulations on Standing Committees on Faculty Rights; Special Review Committee

This policy has been revised to include a section defining a conflict of interest for members of the Standing Committee on Faculty Rights.

Policy 700.1—Use of University Name

This is a new policy that sets out restrictions on the use of NDSU's name for student and employee organizations.

Policy 805 - Allowable Cost Policies - Compensation for Personal Services

This revision provides for overload pay for exempt staff in exceptional cases where work on sponsored agreements is more appropriately performed on an overload basis (previously there was no provision for exempt staff to receive overload pay).

Accounting Office Web site offers new information

The Accounting Office Web site has information about various administrative news items affecting NDSU departments. For more information about these items, go to the "what's new" section of the Web page at www.ndsu.edu/accounting.

Highlights include:

Fiscal year-end cutoff dates

The Accounting Office has established Tuesday, July 18, as the last day it will accept input documents for expenditures to be applied to all funds (appropriated, non-appropriated, grant and contract funds) for the 1999-2000 fiscal year.

Proposed NDSU travel reimbursement policy

The office has recently drafted a new university travel reimbursement policy. The new draft is posted on the Web site and the Accounting Office welcomes comments on the proposal.

New Information Technology Accounting codes (TCCs)

With the start of the new fiscal year, July 1, departments must begin using the new TCCs that were established to track expenditures related to information technology (IT). The new IT budget and tracking requirements are a part of the IT planning requirements passed by the 1999 Legislative Assembly. For information on the new TCCs, go to the Accounting Office's Web page and look for NDSU's TCC guidelines.

Grant to fund defibrillators in area schools

A Dakota Medical Foundation grant to NDSU will help place life-saving defibrillators at high-use locations in the Fargo-Moorhead community. The \$77,700 grant will fund 15 "Lifepak 500" units for placement at universities, high schools and sports facilities.

Donald Bruenjes, lecturer of health, physical education and recreation, is the principal investigator for the project. "These devices have become a need across the country because we've found cardiopulmonary resuscitation alone is effective in only about 2 percent of the cases," he said, noting that cardiac arrest kills about 250,000 Americans each year. "If we have a defibrillator available, we can increase survival rates by up to 45-60 percent if we use the unit within the first several minutes after a person is stricken."

An automated external defibrillator is a lightweight, battery-powered device used to shock the heart when a person goes into cardiac arrest. The units will be placed at NDSU's Bison Sports Arena, NDSU's Bentson/Bunker Fieldhouse, Newman Outdoor Field, Fargo North High School, Fargo South High School, West Fargo High School, Shanley High School, Oak Grove High School, Moorhead High School, American Gold Gymnastics, Concordia College, Moorhead State University, Fargo Coliseum and other sites to be determined.

"The reason we picked the high schools and colleges is because the population that is susceptible to cardiac problems are the parents and grandparents who attend sporting events, concerts and graduations," Bruenjes said. "It's generally not the athletes who suffer cardiac problems, but primarily the adult population who go to games and events. In working with FM Ambulance on this project, we looked at areas that have a large population with significant risk factors that would benefit from early defibrillation."

A training component also will be included in the effort. Athletic trainers at NDSU, Concordia College and Moorhead State University will be instructed in the use of the units. They, in turn, will teach 15 to 20 other people at their institutions. The education part of the program is expected to be in full swing during the upcoming fall semester.

"We have a chance to develop a model here that is rather unique in the country. This is probably the first program ever done like this," Bruenjes said. "NDSU is leading a cooperative effort between different school districts, the colleges, professional sporting groups, ambulance personnel, the American Red Cross and the American Heart Association to improve the chances for survival in the event of cardiac arrest."

Dakota Medical Foundation, located in Fargo, provides grants for health-related projects in a 125-mile radius of Fargo-Moorhead. It forms partnerships with organizations to foster and support the development of programs and services.

College of Pharmacy receives \$300,000 in grants

Charles D. Peterson, dean of the pharmacy, has received two grant awards totaling \$300,000 for renovations of Sudro Hall to construct a state-of-the-art "Concept Pharmacy" instructional laboratory. One grant of \$250,000 over three years will be awarded by the Institute for the Advancement of Community Pharmacy, and a second grant of \$50,000 will be awarded by the National Association of Chain Drug Stores Education Foundation.

The new Concept Pharmacy instructional laboratory will create a unique and innovative educational environment for students that places an emphasis on community pharmacy practice. The pharmacy will incorporate all areas of contemporary community pharmacy practice including drug distribution systems involving automation/robotics and utilization of pharmacy technicians, as well as patient education and disease state management. It assumes that pharmacists in their future practices will be responsible for managing all of these areas as one integrated system. A key component of this new laboratory will be training students in proper work flow and personnel management techniques in running an efficient pharmacy operation.

"The new Concept Pharmacy will not only be used to train pharmacy students for their future practices, but also will be used as a major outreach program to retrain practicing pharmacists in the state/region with new skills and services to offer their patients," Peterson said. "In addition, the Concept Pharmacy will bring students from all four years of the professional program together through integrated lab instruction and role playing in a state-of-the-art laboratory setting that encourages and promotes collaborative learning among students. It will greatly expand the exposure of students to community pharmacy practice within the curriculum from its current one-semester experience to a total of four years of community pharmacy practice experience integrated throughout the entire professional program."

The Concept Pharmacy is only one element of an upcoming \$2.5 million renovation of Sudro Hall, which will provide a new two- or three-story building addition and an expansion of its Small Animal Care facility. The project also will add additional classroom space, faculty offices, a new physical assessment lab, upgrade existing research laboratories and create a new student lounge with study area and computer workstations. The college and NDSU Development Foundation are in the early stages of a national capital campaign fund drive to raise the necessary resources to support the proposed Sudro Hall renovations.

NDSU received one of 21 grants awarded nationally by Institute for the Advancement of Community Pharmacy from more than 150 proposals. The IACP was founded by the National Association of Chain Drug Stores and the National Community Pharmacists Association in 1998 to meet the growing needs of community pharmacy. It received a major grant in 1999 from Knoll Pharmaceutical Company of Mount Olive, N.J., in the amount of \$27.5 million over five years. Funding priorities of the Institute are focused on improving the exposure of students to community pharmacy practice, pharmacy management and ownership, innovative curricular programs and support for schools to increase the number of students they are graduating annually.

Richland County Extension Service helps secure \$1.8 million grant

The Richland County Consortium will be receiving more than \$592,000 by way of a federal grant for the Richland County 21st Century Learning Center. The money primarily will support community education and extended-learning day programs designed to counter risk factors and help students meet or exceed state and local academic standards. In addition, child care and evening programs will meet the needs of adults.

Because the grant is annual and renewable for three years, the Richland County educational programs involved with this grant will receive in total of nearly \$1.8 million. Linda Narum, human development agent in Richland County for the NDSU Extension Service, applied for the grant. She said the programs will serve about 800 students and 400 community members in the school districts of Fairmount, Wyndmere, Hankinson, Lidgerwood, Colfax-Abercrombie and Mantador.

Besides Richland County Extension Service, the other major partners in this consortium are Richland County Public Health, Richland County Drug-Free Schools, Wahpeton Parks and Recreation/Chahinkapa Zoo and the Richland County Vo-Tech.

Narum said the grant is being funded through the U.S. Department of Education's 21st Century Learning Program. Congress dedicated this federal funding to rural and inner-city public schools, and the announcement about the Richland County grant award came from Rep. Earl Pomeroy. The Ft. Totten School District and Griggs County Central Schools also received grants.

NDSU project showcased on Internet2 Web site

The Virtual Cell, an interactive, virtual world designed for teaching cell biology developed by NDSU's World Wide Web Instructional Committee (WWWIC), is being showcased on the Internet2 Web site, which can be found at www.internet2.edu.

The Virtual Cell, along with another WWWIC virtual world, the Geology Explorer, were invited demonstrations at the Internet2 Spring Members' Meeting held in March in Washington, D.C. Video presentations of the demonstrations were created as a follow-up to the members meeting, and the Virtual Cell and Geology Explorer are two of the featured educational projects with Internet-deliverable video presentations. Those presentations are available at http://ltg-server.at.nwu.edu/videospace/education_00.html.

Internet2 is partnership of U.S. universities, industry and government devoted to the developing and deploying advanced technologies that will enable the creation of the next high-speed Internet. Both the Virtual Cell and the Geology Explorer are being designed to take advantage of the new technology.

WWWIC members are Jeffrey Clark, associate professor of sociology/anthropology; Paul Juell, associate professor of computer science; Phillip McClean, professor of plant sciences; Bernhardt Saini-Eidukat, assistant professor of geology; Donald Schwert, professor of geology; Brian Slator, associate professor of computer science; and Alan White, associate professor and chair of botany.

Tree partnership established

A new mitigation partnership utilizing the Centennial Trees Trust Fund has been established with a \$314,012 deposit by Dakota Gasification Co. to plant 52,075 trees and shrubs in the next three years.

"This exciting and substantial addition to the Centennial Trees Trust Fund will ensure that the tree planting projects of the last ten years will move forward and the goal of planting 100 million trees may be achieved," said Lt. Gov. Rosemarie Myrdal, chair of the Centennial Trees Advisory Committee.

As of Arbor Day 2000, a total of 66,734,025 centennial trees had been planted. The Centennial Trees Trust Fund was established in honor of the State's Centennial as a 10-year effort to plant 100 million trees by the year 2000. Funds have come from individual donations and contributions from the Centennial Trees Individual Income Tax Check-off.

For more information or to make a donation to the Centennial Trees Trust Fund, contact State Forester Larry Kotchman at (701) 228-5422.

Sen. Donna Nalewaja donates papers to NDSU

State Sen. Donna Nalewaja, Fargo, has donated her legislative and political papers to the Institute for Regional Studies at NDSU. The papers document her 16 years of legislative service. She is particularly proud of her legislative work on behalf of children, safe child care, law enforcement, the elderly and the disabled.

In addition to her legislative career, the papers follow her active involvement in the Republican Party. In 1988 she was the Republican candidate for lieutenant governor, running with Leon Mallberg. In 1998 she was the Republican candidate for the U.S. Senate. Nalewaja continues her real estate work and operates an antique shop in Osakis, Minn., during the summer.

Nalewaja has received numerous honors and recognition for her legislative, political, community and volunteer work. She has been honored by the North Dakota Peace Officers, North Dakota Psychology Association, North Dakota Association of Realtors and NDSU.

"Nalewaja's papers are an important addition to the political collections of the Institute archives," said John Bye, institute archivist. "They provide a personal perspective to the legislative and political process in North Dakota during the last 20 years. NDSU students, especially those interested in contemporary politics, should find them of great interest."

The papers are available for public research at the institute, located in the NDSU Library. A finding aid to the collection is being developed that will allow easy access. For more information about this and other institute collections, contact Bye at 1-8877 or johnbye@badlands.nodak.edu.

Counsel's Corner

In an Attorney General's Opinion dated April 24, the North Dakota attorney general held that development foundations and alumni associations can receive benefits from their related universities, such as office space, utilities, accounting services, etc., or certain benefits from contracts entered into by the universities, without violating the North Dakota Constitution.

The constitution, in Article 10, Section 18, provides that the state, with certain exceptions cannot make loans or make donations to private entities. However, where the relationship is part of an enterprise of the university or constitutes an exchange for value, often called a quid pro quo in law, then there is not a donation.

The attorney general recognized the extensive value of the donations and services the alumni and development associations provide to universities. The University System is in the process of formalizing these relationships by written contracts between these nonprofit organizations and their related universities.

*Rick D. Johnson
General Counsel*

People

Harter named free enterprise fellow

Chuck Harter, associate professor of business administration, recently was named a Sam M. Walton Free Enterprise Fellow for the Students in Free Enterprise (SIFE) team at NDSU. The program encourages students to take classroom knowledge and apply it to real-life situations to better their communities through educational outreach projects.

Harter directed the NDSU SIFE team to a first runner-up finish at the 2000 SIFE Regional Exposition and Career Opportunity Fair in April. Competing teams gave 25-minute presentations and were judged on its creativity and innovation, results of education programs, success in utilizing resources and documentation of activities. Regional champions from the United States and 10 other countries presented their projects at the international exposition in Kansas City, Mo., in May.

About 300 Sam M. Walton Fellows are selected nationwide, and they train more than 30,000 SIFE team members each year. The Wal-Mart Foundation created the fellowship for SIFE faculty advisers in 1985 and in 1992 re-named it for Samuel More Walton, the company's founder.

Now in its 25th year, SIFE is a non-profit organization that works in partnership with business and higher education to provide college students the opportunity to develop leadership, teamwork and communication skills through the principles of free enterprise. The program is active on more than 700 college campuses in 48 states and 15 countries.

Goreham named to honorary position in Korean rural development group



Goreham

Gary Goreham, associate professor and chair of sociology, was recently appointed "honorary scientist" for the Rural Development Administration (RDA), a central government agency for agricultural research and extension in Korea. It has about 1,200 agricultural scientists in all agricultural disciplines in 10 research institutions.

"I look forward to contributing to comparative research in the rural United States and Korea," Goreham said.

Ji-Woong Cheong, a professor at Seoul National University, nominated Goreham for the position. The two have collaborated on projects examining community development issues and the role of rural churches, agricultural cooperatives and sustainable agriculture in rural communities.

In the honorary position, Goreham is expected to provide scientific and technical advice on research programs. When feasible, honorary scientists are often invited to the research institutions for consultations, and the RDA may support the travel expenses of the trip. A few honorary scientists also participate in collaborative research projects at host institutions.

According to Goreham, the RDA is involved in many types of activities, from plant production and biotechnology to community economic development and sociological studies of rural communities.

He also is in the process of developing a student and faculty exchange program with Korea. "It's only faculty at this point," Goreham said. "Right now, we have one post-doc in our department, Duk Byeong Park, and we plan to host two more faculty this fall. None of our faculty or students have had the opportunity to study in Korea yet, but we hope to in the future."

President Joseph A. Chapman said, "This is exciting news for Gary and the whole university. This type of outreach on the international scale shows our engaged university model can succeed on international levels."

Reception planned for Stark

Carol Stark, associate to the dean of graduate studies, will be leaving her position at the end of the month. A reception is planned for 2-3:30 p.m. Wednesday, June 28, on the second floor of Old Main, outside the graduate school office. All faculty, staff and students are welcome to attend.

Stark has been employed at NDSU since 1984, and spent her first year with the community and regional planning department. She then moved to the graduate studies office, where she has worked for 15 years.

Danbom named editor of online book review

David Danbom, professor of history, has been named book review editor of NEWDEAL, a listserv for those interested in the history of the United States between 1929 and 1952. Each year NEWDEAL publishes approximately a dozen extended reviews of 1,500–2,000 words and carries online discussion of the books reviewed.

Senior receives Astronaut Scholarship

NDSU senior Kirk Hartel has been selected for the prestigious Astronaut Scholarship. Hartel, who is majoring in biotechnology and minoring in chemistry, is one of 17 students across the country who will receive \$8,500 for the 2000-01 academic year.

Established in 1986 by the Mercury 7 astronauts, the Astronaut Scholarship Foundation aims to strengthen America's position in science and technology by awarding scholarships to third- and fourth-year undergraduates and post-graduates who demonstrate special characteristics of mental ability, self-discipline and creative drive in a science or engineering field. More than 30 former astronauts are involved in raising funds for the scholarships.

"I was extremely surprised to have been selected for the Astronaut Foundation scholarship and honored to represent NDSU through this award," said Hartel, a native of Watford City, N.D. "NDSU has provided exceptional means for undergraduates to peruse research experience in their area of study, beyond what is expected of academic requirements."

Hartel will study during the next academic year in the laboratory of William Berzonsky, assistant professor of plant sciences. He may work with molecular markers to transfer scab resistance from wild wheat into specialty wheats.

"Kirk is an excellent student. His academic record is impeccable," said Berzonsky, who nominated Hartel for the scholarship. "He has an interest in science and plant sciences that you rarely see in an undergraduate student. He is the perfect recipient of the award."

Hartel plans to pursue a doctorate in plant sciences, and says he looks forward to attending graduate school at NDSU. "I want to later work in the research industry to facilitate the development of quality traits and healthier food products, through plant biotechnology," he said of his career goals.

The scholarship program holds an annual meeting for recipients in Orlando, Fla. Hartel plans to attend the May 2001 meeting which is expected to include meeting astronauts, a tour of the Kennedy Space Center and a visit to the U.S. Astronaut Hall of Fame.

Bromley's "Cuba" exhibited in Minot

The Taube Museum of Art, Minot, N.D., is hosting Kimble Bromley's "Cuba" exhibition, through July 28. The exhibition contains approximately 25 works, including oil paintings, pastel paintings and prints as a result of a painting residency Bromley spent in Cuba. The work was chosen by the North Dakota Art Gallery Association to tour North Dakota for the year 2000. For information or gallery hours contact Sue Feist, interim director of the Taube Museum of Art, at 701-838-4445.

Bromley, assistant professor of art, joined the NDSU faculty in 1996. He is a member of the College Art Association of America, Chicago Artists' Coalition, Art Advisory Council to the Kentucky Arts Council, Partners of the Americas, Center for Cuban Studies and Chicago Art Institute.

Bison win softball championship, coaches honored

The Bison softball team claimed its first national title May 21. It was the team's third NCAA tournament appearance.

"The big key for us was to go out and have fun, and play relaxed," said NDSU head coach Mitch Hanson, who took over a program that went 4-32 in 1995. "This is a very special moment. We've been adding together the pieces over the past six years."

Julie Fromm, Michelle Wiest, Nikki Flynn-Gregg and Gerice Olson were named to the all-tournament team.

Flynn-Gregg and Fromm also were selected to the Louisville Slugger/National Fastpitch Coaches Association Division II All-America first team. Shelly Rhein was named to the second team. Flynn-Gregg and Fromm are the first NDSU softball players to earn first team All-America honors. Fromm was a second team pick last year.

Also, for the second straight season, the softball coaching staff of head coach Mitch Hanson and assistants Darren Mueller and Mike McLeod was one of eight NCAA Division II staffs named Speedline Regional Coaching Staffs of the Year by the National Fastpitch Coaches Association member coaches in each region.

Hanson, in his sixth season, led the Bison to a 68-10 overall record, breaking the team's own Division II record for most wins in a season.

Even named Woman Athlete of the Year

NDSU senior Jayne Even was named winner of the Honda Award as the NCAA Division II Collegiate Woman Athlete of the Year, following national balloting among NCAA-member schools. She received the award June 12 at a banquet in Orlando, Fla. This spring Even helped lead the Bison to a national runner-up finish in the school's ninth berth in the NCAA Division II Final Four.

Even is the third NDSU athlete to win the award. Volleyball player Janet Cobbs (1989) and basketball player Kasey Morlock (1997) also received the honor.

A senior from Sioux Falls, S.D., Even was named the WBCA Division II Player of the Year and became only the second NDSU player to claim the North Central Conference scoring title, averaging 22.1 points per game in the process. Overall, she led the 28-4 Bison in scoring and rebounding.

A mass communication major with a 3.67 grade point average, Even was the recipient of a NCAA Postgraduate Scholarship. She was named to the GTE/CoSIDA College Division Academic All-America second team and NCC All-Academic first team.

The awards program is sponsored by American Honda Motor Co., Inc.

Women's track team scores big at championships

Eight student-athletes earned All-America honors in eight different events as the NDSU women placed fourth at the NCAA Division II Outdoor Track and Field Championships in May at North Carolina State University's Paul Derr Stadium.

The 400 relay team of Kristen Bachmeier, Jill Theeler, Andi Noel and Tamara Wigley-Brudy placed third with an NDSU record time.

The 1,600 meter relay team of Bachmeier, Wigley-Brudy, Rachel Kraft and Theeler took fifth place and established a new school record. Kraft also placed third in 800 meter run.

Wigley-Brudy and Theeler each earned All-America honors in the 400 meter dash. Wigley-Brudy finished third, while Theeler was sixth. Theeler has earned 14 NCAA All-America certificates to become NDSU's all-time leader passing 12-time All-American Jane Loskot-Wick (1993-97).

Crystal Cummins placed fifth in the triple jump, and Julia Karst-Gray finished third in the shot put. NDSU sophomore Molly Peppel placed 11th.

Senior Marcie Augst placed fourth in the hammer throw, and Noel took fifth place in the heptathlon with 5,169 points to earn NCAA All-America honors.

Events

Radiation short course to be offered

A short course on laboratory use of radioactive material is scheduled for 8 a.m.-noon Friday, June 16, in the Memorial Union room 349. The course is designed for new or potential users of radioactive materials in the laboratory or field application. It also serves as a refresher course for those currently using radioactive materials.

Topics will include basic theory of radioactivity; biological interactions with radiation; radiation protection; minimizing exposure level; rules and regulations; and safe handling, decontamination and safe handling procedures.

Steve Charlton, director of NDSU occupational safety and environmental health, is scheduled to teach the course. The cost of the session is \$25 for employees of NDSU and cooperative agreement institutions, and \$50 for others. For more information or to register, call 1-7759.

Pharmacy faculty, students attend collaborative research symposium

College of Pharmacy faculty members presented their work and explored areas for collaboration with regional researchers at the first Engebretson Symposium on Drug Discovery and Development at the University of Minnesota in May.

The symposium, initiated by Duane and Glenn Engebretson, Sun City West, Ariz., is the first step in an effort to promote and advance collaborative drug-development efforts among researchers from the NDSU College of Pharmacy, the University of Minnesota College of Pharmacy and Mayo Clinic, Rochester, Minn.

The Engebretson brothers, who owned and operated Devils Lake Drug Co. for 23 years, are graduates of the University of Minnesota College of Pharmacy. In 1946, after serving in the military, they returned to their native Devils Lake to work in the company, then owned by their father, Elmer. In 1949 they purchased his share of the business, and they retired in 1972.

Several years ago their mother, Ethel, who died in 1996, established the Elmer and Ethel Engebretson Trust, which sets aside money to be shared by the three institutions. The trust, which provides approximately \$20,000 annually to each institution, requires collaboration to gain access to the funds. The trust will be combined in the future with charitable remainder unitrusts created by Duane and Glenn Engebretson to provide significant funds for the effort.

"In the years ahead, as my brother Glenn's foundation trust and my foundation trust come into play at our deaths, we foresee bonanza funds that will make a huge difference in the progress of your research efforts," said Duane Engebretson in opening the symposium. "We truly hope for your many successes in our foundation's efforts in the crucial years ahead, and we know that you all will go the extra mile to achieve these successes and discoveries."

Charles Peterson, dean of pharmacy, said the symposium is the first step in what will be a long and mutually-beneficial effort. "We have some very special talent here at NDSU, as does the University of Minnesota and Mayo Clinic. This

process provides tremendous opportunities for the three institutions to combine the best of their research into a major program. The collaboration also will provide opportunities to expand our research programs at NDSU."

In addition to Peterson, pharmaceutical sciences faculty who represented NDSU were William Shelver, professor and chair, Stephan Balaz, associate professor, Steven O'Rourke, associate professor, Inder Sehgal, assistant professor, and Jagdish Singh, associate professor.

Each faculty member gave a half-hour presentation of his research, and graduate students who work under them displayed posters of their work outside the symposium.

"It was phenomenal to see the level of research that's being conducted, and to see how NDSU measures up with much larger programs that have been around for a long time," Peterson said. "I'm very proud of the researchers we have and the programs they've established. The research we presented was equal to or exceeded their new discovery and research, so the symposium boosted our levels of confidence and enthusiasm for what we have going on. We don't need to take a back seat to anyone."

Symposiums will be held annually on a rotating basis at the three institutions to allow researchers to share their progress and the collaboration that has developed.

Orientation dates set for June, July

NDSU will welcome approximately 1,800 new undergraduate students and 1,500 family members to campus for orientation and registration in June and July. The orientation sessions are designed to help new students and their family members feel more comfortable with the transition to NDSU. Students also will complete registration for fall classes during their visit to campus.

Orientation dates:

June 27	transfer and non-traditional students
June 28-29	freshmen and family members
June 29-30	freshmen and family members
July 10-11	freshmen and family members
July 11-12	freshmen and family members
July 12-13	freshmen and family members
July 13-14	freshmen and family members

Call Project Success at 1-8379 with questions or to request a schedule.

Trollwood presents 'Three College Night' July 21

A special "Three College Night" is planned at Trollwood Park July 21. Faculty, staff, alumni and friends from NDSU, Moorhead State University and Concordia College are invited to attend a performance of the comedy "Damn Yankees" at 8:30 p.m.

Reserved tickets are \$10 for chair seating in a section set aside for NDSU. Advance reservations are required. Anyone interested should contact Shari Anderson at the Alumni Center at 1-6800 by July 17. Tickets will be sent in the mail.

Opening ceremonies set for NDSU/tribal colleges summer camp

Opening ceremonies for a new Navy-funded summer camp were held June 5, at the NDSU Alumni Center. The camp is part of a collaborative project between NDSU and North Dakota's five tribal colleges that is designed to increase participation by American Indian youth in mathematics, science and engineering.

The collaboration is funded through June 30, 2002, with a \$575,000 grant from the U.S. Navy, which is interested in increasing the number of engineers and scientists from under-represented groups. An additional \$700,000 is available for fiscal 2003-2004 if the project proves successful during its initial years.

"We are trying to attract students into careers in science, mathematics and engineering and help them make the smooth transition from high school to the community college and over to NDSU," said G. Padmanabhan, co-principal investigator for the project and professor and chair of civil engineering and construction.

Six students from Turtle Mountain Community College, a Sitting Bull College student, two high school mathematics teachers and one Turtle Mountain Community College faculty member are attending the two-week summer camp. The session at NDSU will be followed by another two-week camp for high school students at Turtle Mountain Community College.

Planned activities at the NDSU summer camp include presentations about the different disciplines in science, mathematics and engineering; hands-on activities; and visits to local industries. The students also will work on research projects under the mentorship of NDSU faculty members.

"By the end of the camp, we are looking for the students to have a good exposure of the various disciplines and the career prospects in these areas. Also, the research projects will help them see the applications of the disciplines," Padmanabhan said.

The summer camp is part of a sweeping effort to prepare, nurture and retain American Indian students for careers in mathematics, science and engineering. Under the program, NDSU faculty, tribal college faculty and high school teachers also have developed a series of Sunday academies, mentoring projects and scholarships.

The high school component is designed to attract, recruit and prepare Native American students for entry into the tribal colleges, and then students who earn associate of science degrees would be encouraged to continue their education at a four-year institution such as NDSU. Scholarships are available at both the tribal colleges and NDSU. "It is a continuous pipeline that we are looking at here from the reservation high schools to the community colleges to NDSU and out into the practicing world," Padmanabhan said.

Tribal colleges participating in the overall program include Turtle Mountain Community College, Fort Berthold Community College, Cankdeska Cikana Community College, Sitting Bull College and United Tribes Technical College.

Gallery plans faculty, staff art exhibition

The Memorial Union Gallery has planned a faculty and staff juried art exhibition for Aug. 14-Sept. 13. All NDSU faculty and staff are eligible to participate, and each person may submit up to three entries in all mediums. Entries must be ready to hang or mount.

Pieces are due to the Gallery by Friday, Aug. 11. For more information or to make arrangements to drop off pieces early, call the Gallery at 1-8239.

Germans from Russia wedding exhibit featured at Library

The NDSU Library is hosting the photographic exhibit, "Germans from Russia Weddings: From the Steppe of South Russia and Bessarabia to the Dakota Prairies," through Nov. 1. The exhibit is located in the new Marie Rudel Portner Germans from Russia Room.

Also featured are textiles and clothing items donated to the Germans from Russia Heritage Collection and housed with the Emily P. Reynolds Historic Costume Collection, College of Human Development and Education.

The exhibit highlights wedding photos from Bessarabia, Black Sea, Crimea, Dobrudscha, Mennonite and Volhynian German-Russian weddings. The photos depict wedding costumes and customs from 1870 through 1940. The earliest wedding photo, with Russian text, dates back to 1870.

Part of the exhibit can be viewed on the Web at: www.lib.ndsu.nodak.edu/gerrus/exhibits/grweddings.html.

For more information, contact Jay Gage, exhibit curator, or Michael M. Miller, Germans from Russia bibliographer, at 1-8416 or mmmiller@badlands.nodak.edu.

Shorts and Reminders

Valleyfair discount tickets available

Discounted "Good Any Day" tickets for Valleyfair are now available for faculty and staff in the Office of Human Resources, Room 205 Old Main. Present your faculty/staff ID card at time of purchase.

2000 NDSU ticket prices are as follows:

- Adults—\$21.90 (a \$6.05 savings off the regular admission of \$27.95)
- 60 years and older—\$7.95 (no discount from regular admission) - *these tickets are not available on campus*
- Children, 4 years up to 48" tall—\$7.95 (no discount from regular admission)
- Children, 3 years and under—free

For more information, contact the Office of Human Resources, 1-8961.

Child care openings

The Center For Child Development at NDSU is currently enrolling children for the 2000-2001 school year. A number of full-time openings are available for 4-year-old children. For more information contact Deb Habedank, director, at 1-8281 or habedank@badlands.nodak.edu.

Positions Available

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

Administrative Secretary/#3816
Research Administration
\$19,500 minimum/year
June 16

Secretary/#854/1467
Plant Sciences
\$18,000 minimum/year
June 16

Administrative Clerk/#1414
Residence Life
\$19,000/year
June 19

Cashier/#1340
Varsity Mart
\$6.50/hour (10-month position)
June 23

Administrative Secretary/#389
Psychology
\$7.45 minimum/hour (10-month position)
June 26

Custodian/#1163
6:30 a.m.-3: p.m.; Monday-Friday
Dining Services - West Dining Center
\$15,807/year
June 15

Admission and Records Associate/#2394
Registrar's Office
\$19,794+/year
June 21

Assistant Textbook Manager/#3290
Varsity Mart
\$23,000+/year
June 15

Web Systems Administrator
Information Technology Services
Salary negotiable depending on experience
June 12

Application Developer/#4621
Information Technology Services
\$30,000 minimum/year
June 16

Research Specialist/#1532
Entomology
\$22,000+/year
June 14

Coordinator of Service Desk and Student Employment/#3619
Memorial Union
\$20,000+/year
June 29

Writer/#5070
 University Relations
 \$25,000+/year
 July 1

Publications Coordinator/Graphic Designer/#5072
 Publications Services
 \$25,000+/year
 July 1

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

Research Opportunities

The Office of Research Administration in Old Main 201K announces the following funding opportunities and deadlines. For more information, call 1-8114; or refer to the given Web site or contact person. For information about other grants, check the Research Administration Web site at www.ndsu.nodak.edu/ndsu/sizer/resadmin.html and click on "Funding Opportunities."

**Department of Defense (DOD)
 Office of Naval Research (ONR)
 Multidisciplinary Research Program of the URI (MURI)**
www.onr.navy.mil/sci_tech/special/onrpgadh.htm
www.onr.navy.mil/sci_tech/special/muri2001/#III
Deadline: July 13 (white papers); Nov. 15 (proposals)

The Multidisciplinary Research Program of the University Research Initiative (MURI) is a multi-agency DOD program that supports research teams whose efforts intersect more than one traditional science and engineering discipline. Thirty-eight specific areas of interest for research are described in the program announcement. The topics collectively address the following areas: biomimetics, nanoscience, smart materials and structures, information technology, compact power, cognitive readiness, smart sensor webs and electronics. Innovative ideas that address these research areas are encouraged. Proposers are urged to consider carefully the research issues posed and, as appropriate, to contact the research topic chiefs to discuss potential research efforts. Inquiries are welcome. Proposals may be submitted only by U.S. institutions of higher education with degree granting programs in science or engineering, or by consortia of academic institutions.

**U.S. Department of State/Council for International Exchange of Scholars (CIES)
 Fulbright Scholar Program**
www.cies.org
Deadline: Aug. 1

Faculty members are invited to apply for the 2000-2001 Fulbright Scholar Program. Through this program, scholars expand their professional interests, enrich their teaching and advance their scholarship. The Fulbright Scholar Program is the U.S. government's most comprehensive offering of academic exchange opportunities. Awards in every discipline (for research and/or lecturing) are offered in 140 countries. In addition, awards in many countries can be in any discipline proposed by the applicant. The duration of the grant is variable. Awards range from two to 12 months (most average six months or less). Grantees for this program come from a broad

range of faculty ranks and institutions. Grants are awarded to junior faculty and professors emeriti and to scholars at research institutions and comprehensive universities, small liberal arts colleges, community colleges and minority-serving institutions. Foreign language facility is not required for most awards. Applicants for the program must be U.S. citizens and hold the doctorate or equivalent professional/terminal degree.

**National Science Foundation (NSF)
 Faculty Early Career Development**
www.nsf.gov/pubs/2000/nsf0089.txt
Deadline: July 25 (biological sciences); July 27 (social and behavioral sciences)

The National Science Foundation is seeking proposals to support early career faculty development (CAREER) activities for faculty members likely to become academic leaders in science, mathematics and engineering. Applicants must be untenured and employed in tenure-track positions at U.S. institutions in the last four years and have earned their doctorate within the last eight years. Applicants must not have previously received the NSF CAREER award or the Presidential Early Career Award for Scientists and Engineers (PECASE). The program is intended to support the critical future role of new faculty members in integrating research and education and in fostering the natural connections between the processes of learning and discovery. Successful applicants will propose creative, integrative and effective research and education plans. Proposals should demonstrate activities that exemplify the process of continuous learning and the quest for new knowledge.

**National Science Foundation (NSF)
 Elementary and Secondary Informal Science Education**
www.nsf.gov/pubs/2000/nsf0099/nsf0099.txt
Deadline: Aug. 2 or Aug. 14 (preliminary proposals); Nov. 15 (full proposals)

The National Science Foundation is seeking applications under a revised program announcement for all elementary, secondary and informal science education projects, including informal science education projects that foster stimulating lifelong learning opportunities outside of school to promote appreciation, interest and understanding of science, mathematics and technology for youths and adults. A new After School Centers for Exploration and New Discovery (ASCEND) program will also be a part of this year's community-based activities. Organizations including colleges and universities, state and local education agencies, school districts, professional societies, private foundations, museums, zoos, community centers and marine centers are eligible to apply. Proposals may be submitted for projects in any field of science, mathematics, engineering and technology typically supported by NSF. The program especially encourages projects that provide creative and innovative informal learning activities that reflect and apply recent research in science, mathematics and technology education, that reach large audiences and have a regional or national impact. ASCEND projects are expected to provide innovative opportunities for engaging middle and high school youths in substantive out-of-school activities. Projects should promote technological literacy by exploring science, mathematics and engineering in creative after-school and weekend programs.

American Diabetes Association**Research Awards**www.diabetes.org/research/archive/descrip1.asp**Deadline: Aug. 1**

This program provides grant support to both new and established investigators. Applications will be considered in any area that is relevant to the etiology or pathophysiology of diabetes and its complications. Funding of \$20,000-\$100,000 per year for up to three years is available for the purchase of equipment and supplies and for salary for technical assistance and the investigator.

Calendar**June**

Through June 17 PEARS Printmaking Workshop,
"Traditional Plate Lithography," Art Building, room 103

13 Classes begin

19-22 N.D. 4-H Extension Youth Conference

23 Plant Sciences—Vanessa Stewart, Dryland Research Institute, Agriculture Western Australia, "Meeting the challenge of herbicide resistance - Integrated Weed Management Research and Extension in Western Australia," 2:30 p.m., Loftsgard 380

July

Through July 15 N.D. Governor's School

4 Independence Day, administrative offices closed,
no classes

5 Administrative offices open, classes resume

9-15 N.D. High School Speech Camp

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