

## Former VP Rayl dies

Dick Rayl, former vice president for business and finance, died July 2 at St. Mary's Hospital, Detroit Lakes, Minn. Rayl, 65, had retired two days earlier, on June 30.

Rayl had intended to conduct special projects for President Chapman during the six months following his retirement. The work was to have included budgetary, financial and contract issues.

Born in Sidney, Neb., Rayl graduated from the University Nebraska-Kearney. He was NDSU's vice president for business and finance for 13 years, after serving as director of the Office of Management and Budget. He previously worked in private business with Mayrath Inc., Compton, Ill.; Coroon and Black, Minneapolis; Westgo Inc., West Fargo; and York Manufacturing Co., Henderson, Neb.

In a July 8 editorial titled "Dick Rayl's service to N.D. is his legacy," The Forum of Fargo-Moorhead wrote, "During Rayl's service, the university's budget and enrollment grew. The school expanded its public/private research partnerships, especially during the administration of President Joseph Chapman. The campus added to its physical plant, including the downtown center, research buildings and new residence halls. Rayl was a key player in developing the finances for every major project.

"He was fine man. He worked hard to make his adopted state a better place. He succeeded. His legacy in North Dakota is secure," the editorial stated.

## Graduate School re-alignment announced

Craig Schnell, provost and vice president for academic affairs, has announced a re-alignment plan for the Graduate School, effective July 1.

In addition to graduate programs and university studies, the Graduate School's new structure will include Distance and Continuing Education and responsibility for several interdisciplinary graduate programs.

The interdisciplinary graduate programs that will report to David Wittrock, dean of the Graduate School, include the doctoral program in cellular and molecular biology, the master's and doctoral programs in environmental and conservation sciences, the master's and doctoral programs in genomics, the master's and doctoral programs in food safety, the master's and doctoral programs in natural resources management and the teaching certificate and doctoral programs in transportation and logistics.

The College of University Studies will continue to report to the dean.

"We wanted to expand the activities of Distance and Continuing Education, while bringing strong leadership and organization," explained Schnell. "David Wittrock has demonstrated outstanding leadership skills, and we feel the re-alignment will mean better organization and efficiency for our graduate studies."

Schnell added that a request will be made to the State Board of Higher Education to change of the name of the Graduate School to the College of Graduate and Interdisciplinary Studies.

## Tuition discount, waiver application reminder

Faculty and staff who will have dependents wishing to use the tuition discount when enrolling for fall semester are reminded that the application must be submitted to human resources 30 days prior to enrollment. The policy applies to all new and returning students. Tuition waiver requests must be submitted and approved prior to the beginning of the class for which the waiver is requested. Questions regarding admission materials should be directed to the Office of Admission at 1-8643. Questions regarding the discount application and waivers should be directed to [jill.spacek@ndsu.edu](mailto:jill.spacek@ndsu.edu).

## State life insurance rates reduced

NDPERS has signed a contract with The Prudential Insurance Company of America to be the carrier of the state life insurance plan, and the company has reduced policy premiums. The reduced rates went into effect with June paychecks.

Coverage may be increased during the NDPERS open enrollment period beginning in October through mid-November.

Rate information is available on the NDPERS Web site at [www.state.nd.us/ndpers/insurance-plans/group-life.html](http://www.state.nd.us/ndpers/insurance-plans/group-life.html).

## Next Issue

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## Summer school sets enrollment record

NDSU has set a record enrollment for summer school for the third consecutive year. The enrollment was tallied July 11, at the end of the third week of the second summer session.

The university enrolled 3,386 students this year, compared with 3,190 last summer. The increase includes a jump in the number of graduate students from 921 in 2004 to 960 this summer.

“The increased summer school enrollment is a reflection of NDSU’s emphasis on melding student needs with academic requirements: flexible scheduling, interesting courses and an accommodating support system,” said R.S. Krishnan, summer school director.

In addition to the graduate students, the statistics showed that 126 freshmen attended summer school, as did 364 sophomores, 495 juniors, 1,292 seniors and 149 specials. NDSU also had 148 new undergraduate transfer students this term.

## Chinese team visits NCI

The Northern Crops Institute (NCI) recently conducted training in corn purchase risk management for a 17-member Corn Market Education Team from China. The Advanced Grain Procurement Strategies short course ran June 13-17.

NCI director Patricia Berglund said, “Through this course, we want to strengthen understanding of what we grow on the northern plains, particularly the high quality corn. We want the feed industry in China to be ready and able to buy from the U.S. when their market opens up.”

John Crabtree, NCI assistant director, said the weeklong course was designed to educate potential corn importers about the U.S. grain handling system. Course topics included basis analysis, hedging, current grain situation and outlook, commercial standards and inspection procedures, trading strategies, options, Value-at-Risk, corn purchasing strategies, forecasting models, logistics management and transportation trends.

NCI supports regional agriculture and value-added processing by conducting educational and technical programs that expand and maintain domestic and international markets for northern-grown crops.

## Nursing program invites comments

The undergraduate nursing program is soliciting comments from interested persons to be used as part of the evaluation process in determining program quality during its accreditation process.

The program will be evaluated this fall for accreditation by the Commission on Collegiate Nursing Education. As part of the process, a self-study report will be submitted and program evaluators are scheduled to visit campus in October. Comments received will become part of the data used by evaluators in determining program quality.

Comments should be sent to the Commission on Collegiate Nursing Education, One Dupont Circle NW, Suite 530, Washington, D.C., 20036-1120. Comments must be received by Sept. 10, and must be signed. Comments and their authors’ identities will not be shared with the NDSU program.

## Horizon Award nominations sought

The NDSU Alumni Association is seeking nominations for the 2005-06 Horizon Award. The award, which is presented during the Homecoming honors dinner, recognizes alumni who have graduated within the last 10 years and have excelled in their profession or in community service.

Nomination criteria and materials are available at [www.ndsu.alumni.com/programs/alumniawards.htm](http://www.ndsu.alumni.com/programs/alumniawards.htm). Nominations will be accepted until Monday, Aug. 1. For more information, call Marilyn Doeden, alumni program coordinator, at 1-6808 or [marilyn@ndsualumni.com](mailto:marilyn@ndsualumni.com).

## NDSU Libraries publishes book about Streeter, N.D. families

The NDSU Libraries have published “Graf-Buck Family Heritage: Photographs and Memories of Streeter, North Dakota.”

In July 2001, David, Katherine and Philip Westine donated to the Germans from Russia Heritage Collection materials from the estate of their mother, Gertrude Buck Westine. The items comprise what is called the “Ludwig Jr. and Christina Graf Buck Collection.” After reviewing the family history, photographs, recipes and letters, the idea of a book was born.

To order the book, send \$35 plus \$4 postage payable to NDSU Libraries. Mail to Germans from Russia Heritage Collection, Graf-Buck Family Heritage Book, NDSU Libraries, P.O. Box 5599, Fargo, ND 58105-5599. The book’s Web site is [www.lib.ndsu.nodak.edu/grhc/order/nd\\_sd/graf\\_buck.html](http://www.lib.ndsu.nodak.edu/grhc/order/nd_sd/graf_buck.html).

## NDSU conducting UAV-related research

Verlin Hinsz can’t help being excited about the speculation that Grand Forks and Fargo may soon be home to Air Force unmanned aerial vehicles. The high technology aircraft are at the heart of some of his research at NDSU.

“Long before there was talk of UAVs coming to the area, NDSU was doing research to enhance the nature of the military structure for the operation of these vehicles,” said Hinsz, a professor of psychology.

According to Hinsz, it takes a three-person crew on the ground to operate the UAVs on surveillance or reconnaissance missions, and those people are the focus of his work. He is the principal investigator for “Enhancing Coordination and Collaboration in Unmanned Air Vehicle (UAV) Crews,” a research project funded by the Department of Defense, Experimental Program to Stimulate Competitive Research (EPSCoR) and the Air Force Office for Scientific Research.

The research is exploring ways to improve the coordination and teamwork of the pilot, payload/sensor operator and the mission planner. The missions provide special challenges for cooperation because crewmembers sit at individual computer workstations, often controlling a UAV halfway around the world. The flights can last many hours.

To make the experience more real for the researcher participants, Hinsz and his students conduct studies using a UAV flight simulator located in the Criminal Justice and Public Policy building on the NDSU campus.

“Our objective is to find ways to enhance and tweak the training for military personnel. We raise questions and ideas, and relay our information to the Air Force,” Hinsz said. “We want to find ways for crews to ‘leapfrog’ the time that it takes to acquire the expertise so that they work together better as a team. We want to use information to help them make proper team decisions.”

The current research began in 2003, funded with \$500,000 from the Air Force and a \$250,000 institutional match. The work, said Hinsz, puts NDSU on the cutting-edge of emerging technology.

“This is the future,” said Hinsz, who earned his bachelor’s degree from NDSU and his doctorate at the University of Illinois. “The Air Force has remotely operated vehicles, but so do the Army, the Marines, the Navy and the Coast Guard. The implementation of remotely operated vehicles is a very big challenge and opportunity.”

And as the military considers a Predator unit at the Air National Guard’s 119th Fighter Wing in Fargo and adding the Global Hawk UAV at the Grand Forks Air Force Base, Hinsz feels his research can be a plus for everyone involved.

“If they have these people in Grand Forks and the Guard unit in Fargo, we at NDSU can work with them directly to find ways to make them more effective. We have local expertise that these units can draw upon when they want answers to specific questions,” he said.

## Campus ‘CERT’ team in place

If a disaster occurs, the campus is prepared. NDSU has become the first university in the state to have a Community Emergency Response Team (CERT) to handle most emergency situations.

Kristi Crawford, director of FirstLink’s Volunteer Center, said more than 50 of the 101 CERT trained volunteers in Cass County are affiliated with NDSU. “The CERT program is very important here in Cass County because if a disaster strikes, emergency personnel will have trained volunteers to assist them and take care of neighborhoods until more help will arrive,” Crawford explained. “As a result of NDSU being the pioneer in CERT training on a university level, more colleges across the state are looking into training at their institutions.”

The CERT training on campus was initiated through the efforts of Jolean Pederson, public health and safety coordinator for the Office of Safety and Environmental Health.

“The program created an opportunity with our employees to make not only our community, but also our university safer and better prepared to respond to disasters of all kinds,” Pederson said. “The response and support from all levels at the university continues to reinforce our commitment to a healthy and safe work environment.”

The participants have been trained in disaster preparedness, fire suppression, search and rescue, medical operations and disaster psychology. Each attendee also participated in a disaster simulation. According to Crawford, the NDSU team is Cass County’s fifth trained CERT team, and she expects a total of eight teams to be in place by the end of the year.

CERT is a national program under the Citizen Corps and the Department of Homeland Security.

## Faculty members receive grants to study water issues

Three faculty members have received grants totaling \$213,120 to study water issues in North Dakota and Minnesota. Bob Hearne, assistant professor of agribusiness and applied economics at NDSU, received a three-year grant of \$150,392 for a project titled “Assessing the Effectiveness of Local Water Institutions in Water Management.” Steven Shultz, associate professor of natural resource economics, and Jay Leitch, professor in the College of Business Administration, were awarded a two-year grant of \$62,728 for a study about “The Impact of Rural Water Supply Systems on Property Values.” The grants awarded by the National Institute for Water Resources and the United States Geological Survey were among just eight that were funded out of 49 proposals received.

Hearne’s study will focus on the Red River basin in Minnesota and North Dakota, examining how governmental and non-governmental institutions effectively resolve water issues. “While the Red River basin is homogeneous in terms of land use and geographic area,” said Hearne, “it features three different sets of water law. The overall goal of the research is to help strengthen local water management institutions so they might better meet water needs in the Red River basin.”

The research study will examine how successful water institutions reach consensus on broad issues, identify what characteristics help institutions evolve to meet water challenges, and further develop tools to support decision-making by water groups. Surveys will be conducted with state, federal and local officials regarding water issues. The research also will analyze what type of water management programs and institutional frameworks are preferred by residents and water management leaders.

The study by Shultz and Leitch will estimate the impacts of three recent and pending rural water supply systems on agricultural and rural-residential property values across North Dakota from 2000-04. The researchers will collect and analyze data on real estate sales in 17 rural North Dakota counties. “Understanding how water supply projects impact agricultural and rural-residential property values will provide government authorities with an improved understanding of the indirect economic benefits of rural water supply improvements,” said Shultz.

The study will involve the following water projects and counties: Northwest Area Water Supply Project including Benson, Bottineau, McHenry, Renville, Rolette, Towner, Pierce, Ward, Mountrail and Burke Counties; Southwest Pipeline Project including Stark, Hettinger, Golden Valley, Billings and Slope counties; Southeast Water Pipeline Project including Ransom and Sargent Counties.

## Macromedia licenses being reviewed

Macromedia Inc. has alerted college and university campuses nationwide that the use of Macromedia licenses, including Dreamweaver, the Flash Authoring tool and Fireworks, at some educational institutions has violated license agreements. Macromedia is working with these institutions and the Business Software Alliance to remedy the situation and may, in some instances, impose heavy penalties.



NDSU has been asked to review its institutional use of Macromedia licenses, specifically to ensure that trial licenses are not being used to train students on Macromedia products and that campus employees are not actively instructing students to download the trial version to complete coursework.

Macromedia trial licenses are not for sale and are provided only to assist an individual in determining whether to purchase a licensed copy of the software. Trial licenses are strictly prohibited from use for any instructional or training purposes.

Information Technology Services instructs any NDSU staff, faculty or students using Macromedia in this fashion to stop immediately to avoid penalty. Licensed Macromedia products may be purchased through the Varsity Mart.

Any questions or concerns about the use of a Macromedia product and their license agreements should be directed to Sue Fuss, ITS software licensing consultant, at [Sue.Fuss@ndsu.edu](mailto:Sue.Fuss@ndsu.edu).

## Blackboard course migration, new course request deadlines set

Blackboard instructors will use the new Blackboard 6 Enterprise version beginning fall semester. Blackboard 6 Enterprise provides an expanded system for managing assignments and grade books, improvements in course-building functionality and the capacity to withstand periods of heavy usage.

The deadline for migrating courses is Friday, Aug. 5. Instructors who do not take the following steps to migrate courses to the new version by the Aug. 5 deadline may temporarily lose access to their Blackboard courses.

First, identify in Blackboard one master copy for each course taught, rather than storing copies of the same course taught to multiple classes. For more information and instruction, visit [www.ndsu.edu/bbupgrade/springclean.shtml](http://www.ndsu.edu/bbupgrade/springclean.shtml).

Next, visit the Blackboard help page at [www.ndsu.edu/bbhelp](http://www.ndsu.edu/bbhelp) and choose "Request Courses to be Migrated to Version 6." The online form will display all current Blackboard courses. Instructors will be allowed to migrate one Blackboard course for each university course taught. Courses will not be available unless identified as "keepers" by the Aug. 5 deadline.

To ensure the course will be available before the start of fall semester, requests for new Blackboard courses must be received by Friday, Aug. 12. Instructors may use the online course request form found at [www.ndsu.edu/bbhelp](http://www.ndsu.edu/bbhelp). Requests received after the deadline will be handled as quickly as possible but may involve extended delays. The Aug. 12 deadline is for new Blackboard courses only.

For more information, contact Nancy Lilleberg, multimedia coordinator, at 1-7140, or visit [www.ndsu.edu/bbupgrade](http://www.ndsu.edu/bbupgrade).

## ITS staff, services restructuring announced

Information Technology Services has announced plans for some staff realignment, service area restructuring and space consolidation, primarily in the Help Desk and Service Center areas.

The Help Desk will merge with the Service Center, and will be located in IACC 150A. The Help Desk will continue to handle both ConnectND and NDSU password changes, software pick up and optical mark readers drop off. The Help Desk also will handle the former Service Center functions of equipment checkout and specialty printing. The Help Desk telephone number will remain 1-8685, option one.

The Technology Learning Center (TLC) will merge with the former Service Center multimedia area, and plans are to relocate the center to IACC 150C. In addition to one-on-one assistance, TLC staff will support multimedia software, video editing, scanning and graphics. Staff also will assist users with plotting and special print jobs.

The Sponge program, an extension of the TLC, assists instructors and their students with technology-related assignments. The graduate student program coordinator will be located in IACC 150C.

Student Technology Services (STS), a work-based learning program in development during the past year, is expected to be fully implemented by fall semester. Managed and staffed by students, STS integrates all ITS student support into one consistently managed program. The STS management team will be located in IACC 150G.

The Help Desk is scheduled to relocate by Aug. 1, and the other changes are expected to be in place by the beginning of fall semester.

## Payroll form submissions timeline announced

As the beginning of the academic year approaches, the Office of Human Resources encourages all departments, especially those with faculty and other academic staff, to be aware of the timelines for submitting payroll forms.

Because payroll form information cannot be entered for several days each pay period when time slip and leave information is being entered by departments, human resources/payroll cannot enter new employees in the system to generate an employee identification or make changes based on payroll form information for current employees for roughly half of each pay period,

Departmental staff who initiate and/or prepare payroll forms must have fully approved payroll forms in the Office of Human Resources by the close of the business day on the 15th of the month for hires or changes from the first to the 15th of the month, and the last day of the month for hires or changes from the 16th through the end of the month. If the 15th or last day of the month falls on a weekend, the due date is the preceding Friday.

According to Sandra Holbrook, director for equity and diversity, August timelines are especially critical because of the increased numbers of new employees and changes for current employees that occur at the beginning of a new academic year. Holbrook encourages departmental staff to send payroll forms as early as possible.

Staff members responsible for payroll forms are reminded of the following dates through early September:

**July 16-31:**

- No payroll form data can be entered Thursday, July 21-Tuesday, July 26
- Departments enter time and leave from Thursday, July 21-the morning of Tuesday, July 26
- Fully approved payroll forms dated July 16-31 are due Friday, July 29, for Aug. 15 paychecks

**Aug. 1-15:**

- No payroll form data can be entered Friday, Aug. 5-Wednesday, Aug. 10
- Departments enter time and leave from Friday, Aug. 5-the morning of Wednesday, Aug. 10
- Fully approved payroll forms dated Aug. 1-15 are due Monday, Aug. 15, for Aug. 31 paychecks

**Aug. 16-31:**

- No payroll form data can be entered Tuesday, Aug. 23-Friday, Aug. 26
- Departments enter time and leave from Tuesday, Aug. 23-the morning of Friday, Aug. 26
- Fully approved payroll forms dated Aug. 15-31 are due Wednesday, Aug. 31, for Sept. 15 paychecks

**September:**

- No payroll form data can be entered Thursday, Sept. 8-Monday, Sept. 12
- Departments enter time and leave from Thursday, Sept. 8-the morning of Monday, Sept. 12
- Fully approved payroll forms dated Sept. 1-15 are due Thursday, Sept. 15.

Calendars for subsequent months will be posted on the human resources Web site as they become available.

**People****Hu, Shelver articles in journal's top 25**

Two articles by William Shelver, professor emeritus of pharmaceutical sciences, and Xin Hu, postdoctoral fellow of structural microbiology at The Rockefeller University, New York, were on the top 25 "hottest articles" list of the Journal of Molecular Graphics and Modeling.

"A Practical Approach to Docking of Zinc Metalloproteinase Inhibitors" was published in the March 2004 issue, and "Docking Studies of Matrix Metalloproteinase Inhibitors: Zinc Parameter Optimization to Improve Binding Free Energy Prediction" was published in the November 2003 issue.

The articles are based on research conducted by Hu at NDSU's Department of Pharmaceutical Sciences. Hu received partial funding from NDSU's Cobre Center for Protease Research. Shelver was Hu's research adviser.

Articles for the top 25 list are selected by the number of times each article is downloaded from Science Direct during a three-month period. Assistance was received from Stefan Balaz, professor of pharmaceutical sciences, and Greg Wettstein, research work group leader in Information Technology Services.

**Student studies****Civil War documents**

Earlier this month, student Sara Egge, stepped into the Gilder Lehrman Collection's vault in New York and viewed letters written by Nelson E. Dodge, a soldier from Vermont who fought in the Civil War. She will be the first person ever to study these documents.

A native of Yankton, S.D., Egge is one of 15 Gilder Lehrman History Scholars selected from more than 300 undergraduate applicants nationwide. The scholars study at Columbia University for six weeks in a program that combines historical research, seminars with eminent historians and behind-the-scenes tours of rare archives in New York. Each scholar has the opportunity to produce original research resulting from his or her work.

Applicants to the scholarship program this year represented 186 colleges and universities across the United States. This year's scholars hail from such institutions as Yale University, Rutgers University, State University of New York at Oneonta, Princeton University, Grinnell College and the University of Chicago.

"These are the brightest young historians in America," said Professor James G. Basker, president of the Gilder Lehrman Institute of American History, which sponsors the program. "We see them as a kind of Rhodes Scholar among history majors. We hope this spurs them all to consider careers as scholarly historians in the future."

Founded in 1994, the Gilder Lehrman Institute of American History promotes the study and love of American history. It creates history-centered schools and academic research centers, organizes seminars and enrichment programs for educators, produces print and electronic publications and traveling exhibitions, and sponsors lectures by eminent historians. The institute also funds awards including the Lincoln, Frederick Douglass and George Washington Book Prizes and offers fellowships for scholars to work in history archives, including the Gilder Lehrman Collection, which includes more than 60,000 American historical documents.

**Lepper receives geology research award**

Kenneth Lepper, assistant professor of geosciences, was named the recipient of the Gladys W. Cole Memorial Research Award for Postdoctoral Research by the Geological Society of America for research in geomorphology of semi-arid and arid terrains.

Funded by the GSA Foundation, the \$7,600 grant was awarded to Lepper for his research project, "Fence Row Dunes as Archives of Eolian Soil Erosion Rates in West Texas and Eastern New Mexico."

The award was announced in the July issue of GSA Today. Lepper is scheduled to receive the award at the society's national meeting set for October.

## Odney, Waldron, Peltier Awards presented

Three NDSU faculty members were recognized with prestigious annual campus awards at the "Celebration of Faculty Excellence," May 10, at the Alumni Center. Gerald Anderson, associate professor of history, received the Odney Award for Excellence in Teaching; Mark McCourt, professor of psychology, was honored with the Waldron Award for Excellence in Research; and Edward Deckard, professor of plant sciences, was presented with the Peltier Award for Innovation in Teaching.

The awards are sponsored by the NDSU Development Foundation.

"We have a tremendous faculty," President Joseph A. Chapman said during the ceremony. "Very few places have gone through the transformation that NDSU has, and it's because of the people. Our faculty have helped transform NDSU from a regional doctoral institution to a national research university."

Anderson was chosen to receive the Odney Award, which is selected primarily on students' comments that describe a faculty member's ability to stimulate interest in subject matter, demand rigorous thought and demonstrate distinctive competence.

"An award like this for a teacher is the epitome of one's whole career," said Anderson. "Teaching is obviously very important to me, because I care about the students. I am very honored and humbled to receive this recognition."

Anderson earned his bachelor's degree at Concordia College, his master's degree at NDSU and his doctorate at the University of Iowa, Iowa City.

McCourt, who was unable to attend the ceremony, was selected to receive the Fred Waldron Research Award, which was established to recognize outstanding faculty research.

Alan White, dean of science and mathematics, accepted the award for McCourt. He read a letter from McCourt that stated, "It is indeed a rare honor and privilege to join the group of exemplary researchers who preceded me in receiving this award. There is nothing as satisfying as recognition by one's peers, and I accept this award with sincere gratitude."

McCourt was named the College of Science and Mathematics James A. Meier Distinguished Professor in 2001. He earned his bachelor's degree in psychology from the University of California, Davis, and his doctorate in psychology from the University of California, Santa Barbara.

The Peltier Award, established by Joseph and Norma Peltier to recognize outstanding innovation in teaching, was presented to Deckard. He was a co-developer of the Virtual Conferences on Genomics and Bioinformatics, and the co-founder of the Plant Science's Teaching Circle, where participants discuss teaching and learning techniques. He has played a significant role in the development of the Plant Sciences Learning Center.

"The real story is that I don't do much alone. There are lots of people I do things with," Deckard said. "The support of NDSU for good teaching is incredible. They make connections for people across campus. I think if you don't enjoy teaching at NDSU, you just don't enjoy teaching. I think it is a wonderful place."

Deckard earned his bachelor's degree at Purdue University, West Lafayette, Ind., and his doctorate in agronomy/crop physiology at the University of Illinois, Champaign-Urbana, Ill.

Recipients of NDSU Development Foundation grants and awards also were announced.

Board of Trustees Endowment Funds awards recipients were Jay Albrecht, Carolyn Grygiel, Pamela Hansen and Marie Hvidsten. Receiving Centennial Endowment Funds awards were Sandra Albery, Victoria Johnston Gelling, Tina Lundeen, Michael M. Miller, Mary Margaret Mooney and Steve Winfrey. Libraries Endowment Funds awards went to Jay Albrecht, Kevin Books, Pamela Hansen and Michael Thrasher. Gordon A. Larson Agricultural Research Funds awards were given to Marc Anderson, W. David Dai, Harlene Hatterman-Valenti and Catherine Logue.

## NCI elects board officers

The Northern Crops Institute (NCI) announced that Matt Mechtel, a soybean producer near Page, N.D., was elected chair of the Northern Crops Council (NCC), the 13-member governing board of the institute. The NCC elected Mechtel by unanimous vote at their reorganizational meeting on June 29.

Mechtel has served six years on the N.D. Soybean Council, the last three years as chair. He replaces Brian Kaae, a wheat producer from Dagmar, Mont., who served two one-year terms as NCC chair. Kaae continues on the council for another three-year term, representing the Montana Wheat and Barley Committee.

Jennifer Tesch, marketing director for SK Food International, Fargo, is NCC's vice chair, representing agricultural processing.

"The Northern Crops Institute is very fortunate to have these excellent representatives who are willing to take the time and effort to provide us outstanding leadership," said Pat Berglund, NCI director.

Dan Wiltse and Vance Taylor join the council for three-year terms. Wiltse, a producer from Lisbon, N.D., represents the North Dakota Oilseed Council. Taylor is president and general manager of North Dakota Mill, Grand Forks, N.D., and holds the agricultural processing industry seat on the NCC.

Bob Majkrzak, president and CEO of Red River Commodities, Fargo, is the new chair of the NCI's Industry Advisory Board (IAB). Majkrzak succeeds Tesch, who was IAB chair for three years. Tony Flagg, president of Pasta Montana, Great Falls, Mont., and John McLean, a merchant with Cargill, West Fargo, begin three-year terms on the IAB, which provides advice to NCI on educational programming and technical services.

The NCC has 13 members who may serve up to two three-year terms. The council has six permanent members, including the NDSU President, N.D. Commissioner of Agriculture and representatives of the N.D. Wheat Commission, N.D. Oilseed Council, N.D. Barley Council and N.D. Soybean Council. In addition, five producers and two processors from Minnesota, Montana, North Dakota and South Dakota gain seats on the council through nomination or appointment.

NCI supports regional agriculture and value-added processing by conducting educational and technical programs that expand and maintain domestic and international markets for northern-grown crops.



## Greenwald articles published

Several articles by Beverly Greenwald, assistant professor of nursing, recently were published.

"The Stool DNA Test: An Emerging Technology in Colorectal Cancer Screening" and "From Guaiac to Immune Fecal Occult Blood Tests: The Emergence of Technology in Colorectal Cancer Screening" recently were published in Gastroenterology Nursing Journal.

A series of three articles by Greenwald on the use of the Minnesota tube for bleeding esophageal varices also was published in the journal.

Greenwald also was co-presenter of "Colorectal Cancer Prevention and Screening" A Health Benefit Model-Based Education Project Conducted by NDSU Nursing Research Students," at the MeritCare Nursing Symposium held April 19 in Fargo, and the annual meeting of the Society of Gastroenterology Nurses and Associates held May 13-18 in Minneapolis.

In addition, Greenwald gave a public presentation on colorectal cancer screening and prevention on June 7 in the Alumni Center.

## Burnett studies judges' nonverbal communication

An article on nonverbal communication co-written by Ann Burnett, associate professor of communication, recently was published as the lead article in the International Communication Association's Journal of Communication.

The article investigates jurors' reactions to nonverbal communication by judges in mock trials. Participants in 80 mock juries viewed taped segments of direct and cross examination that varied the judges' level of nonverbal involvement. Pre-deliberation questionnaires solicited comments about the judge, while dialogue during mock jury deliberations garnered unsolicited remarks. According to the article, jurors notice a judge's nonverbal cues, particularly negative behaviors such as a judge's lack of involvement and apparent bias.

## Events

### Part-time Jobs Fair scheduled

The NDSU Career Center has scheduled the Part-time Jobs Fair for 11 a.m.-2 p.m. Aug. 25, in the Memorial Union Ballroom.

According to organizers, the event is a way for NDSU departments that hire non-workstudy students to get the word out. "The Part-time Jobs Fair is an excellent opportunity for NDSU departments to publicize job openings," said Kim Teske, Career Center technology coordinator. "This event has been well attended in past years by students who are anxious to work on-campus."

The deadline for departments to register for the event is Friday, Aug. 19. For more information and registration materials, contact Kim Teske at 1-7112.

Teske said departments also may post job opportunities on the Career Center Web site at [www.ndsu.edu/career\\_center](http://www.ndsu.edu/career_center).

## Shorts and Reminders

### Positions Available

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

Athletic Program Assistant/#00023715  
Intercollegiate Athletics  
\$22,000+/year  
July 22

Administrative Secretary/#00018806  
Plant Sciences  
\$22,000+/year  
July 26

Assistant to the Dean  
College of Graduate Studies  
\$35,000+/year  
Aug. 3

H.R. Assistant  
Office of Human Resources/Payroll  
\$20,000+/year  
Open until filled

Account Tech/#00021185  
Business Office  
\$21,500+/year  
July 22

P.M. Custodian/#00021701  
10 months; 40 hours/week  
M-F; 2-10:30 p.m.; summer hours may vary; weekends as necessary  
Dining Services-Memorial Union  
\$8+/hour  
Open until filled

Baker/#0023548  
12 months; 40 hours/week  
Tuesday-Saturday; hours vary; primarily 4 a.m.-12:30 p.m.  
Dining Services  
\$11.10+/hour  
July 20

Chemist/#00020693  
Plant Sciences  
\$25,000+/year  
July 26

Research Specialist-livestock  
Carrington Research Extension Center  
Carrington, N.D.  
Commensurate with education and experience  
Open until filled

Crop Quality Specialist  
Northern Crops Institute  
Salary commensurate with experience  
Aug. 15

Insect Physiologist/#00020607  
Entomology  
Commensurate with education and experience  
Open until filled

Research Specialist/#00020521  
 North Central Research Extension Center  
 Minot, N.D.  
 \$28,000 minimum/year  
 Open until filled

Research Specialist/#00019519  
 Agricultural and Biosystems Engineering  
 Salary commensurate with education and experience  
 Open until filled

Research Coordinator/Alcohol Research Project  
 Orientation and Student Success  
 \$33,000/year  
 July 22

Alcohol and Other Drugs Prevention Coordinator  
 12 months; half-time  
 Orientation and Student Success  
 \$15,000/year  
 July 22

Alumni Relations Coordinator/#00023822  
 12 months; 24 hours/week  
 Architecture and Landscape Architecture  
 \$19,500/year  
 July 31

HRMS Business Analyst/#00023777  
 North Dakota University System (NDUS)—CIS/HECN/HRMS  
 Salary commensurate with experience  
 Open until filled

Fire Management Specialist/#00019422  
 North Dakota Forest Service  
 Bismarck, N.D.  
 \$28,134/year  
 Open until filled

Position openings also are available through the NDSU Web site at [www.ndsu.edu/jobs](http://www.ndsu.edu/jobs).

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

## Calendar

### July

- 20 Live @ Lunch—Jesse Veeder, 11:30 a.m., Memorial Union Cul de Sac Lounge
- 22 Biosciences—Michael Krolski, Bayer Crop Science, “Application of NMR Spectroscopy to the Identification and Quantitation of Pesticide Residues in Environmental and Biological Matrices,” 9 a.m., Bioscience Research Laboratory large conference room
- 28 Northern Crop Science—Richard Oliver, Australian Centre for Necrotrophic Fungal Pathogens, Perth, “Molecular Dissection of the Pathogenicity of *Stagonospora nodorum*; Using Genomics, Metabolomics and Proteomics to Discover Novel Crop Protection Strategies,” 2 p.m., Northern Crop Science Laboratory large conference room

### August

- 3 Live @ Lunch—Dave Tamkins, 11:30 a.m., Memorial Union Cul de Sac Lounge