

Rain forces campus cleanup

The cleanup is underway at a number of campus buildings after a June 9 thunderstorm dumped more than three inches of rain on Fargo-Moorhead. The Memorial Union, Churchill Hall, Katherine Kilbourne Burgum Family Life Center, the electrical engineering building, Ceres Hall and the Main Library were affected to varying degrees.

The damage did not affect camps, classes and other university activities, which continued as normal on Monday.

The building most affected was the Memorial Union, which had up to ankle-deep water in parts of the lower level. The water came into the building through an open pipe connected to a steam pipe construction site located to the west of the Memorial Union. University officials credit the Fargo Fire Department for its assistance in preventing further damage.

According to Mark Dahl, Physical Plant associate director for maintenance and construction, "The water carried some silt in with it, creating a layer of mud over the carpeted areas in the Cul-de-Sac Lounge and contract Dining Services. The bowling alley ball-return chambers under the floor were inundated with water."

Dahl said the Memorial Union cleanup is expected to take about a week to complete. "The first day we did everything we could to get the water extracted. Now, we're in the process of getting things dried out using fans and dehumidifiers."

Dahl said the water at other campus locations was cleaned up within hours.

He said Churchill Hall had about three inches of water that came from roof drain pipes and backed up into the building. The Family Life Center had some water that seeped in through walkway doors and went down a corridor. Ceres Hall's mechanical room received muddy water, which came in through another pipe related to steam pipe work. The electrical engineering building's mechanical room had about three inches of water. At the Main Library, some seepage along the building's south wall caused wet carpeting.

"This was no comparison to the June 2000 flood. It was of minimal magnitude compared to that event," Dahl said. "We're in good shape with the cleanup."

The damage is being assessed and no cost estimate has yet been made.

Libraries closed Independence Day

All NDSU Libraries and the Institute for Regional Studies will be closed Thursday, July 4, in observance of Independence Day. Regular summer session hours resume Friday, July 5. For a current listing of hours, consult the Libraries' Web page at www.lib.ndsu.nodak.edu, use the HRS command on the online catalog or call the information tape at 1-9456.

Union Food Court hours announced

Union Food Court hours through Saturday, Aug. 24, are:

- Roll On In (bakery)—7 a.m.-2 p.m.
- Coffee Cart—7 a.m.-2 p.m.
- Grab and Go—10 a.m.-3 p.m.
- Corner Deli—10 a.m.-2 p.m.
- More Than a Burger—10 a.m.-2 p.m.
- Pizza Express—10 a.m.-2 p.m.

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Horse park groundbreaking held



Groundbreaking ceremonies for the new North Dakota Horse park

With a bugler sounding the call to the gate, groundbreaking ceremonies for Fargo's new North Dakota Horse Park were held May 23. The event was moved indoors to Shepperd Arena on the NDSU campus due to blustery weather conditions.

The park, which will be located along 19th Avenue North and one-half mile west of 45th Street, is funded with \$2.5 million from the North Dakota Racing Commission, \$1 million in tax increment financing created by the City of Fargo and \$100,000 from the Fargo-Moorhead Convention and Visitor's Bureau.

"It's a great partnership that will create additional economic development. As it grows into the horse park that everyone is talking about, it will be a marvelous facility," said Fargo Mayor Bruce Furness during the ceremony. "We've looked forward to this groundbreaking, and to a year from now when there is the actual completion of the horse park."

Ken Pawluk, president of the North Dakota Horse Park Foundation, said the project will spur tourism. He noted that eight days of live horse racing has an economic impact of \$7.7 million, and he envisions as many as 100 days of horse events each year once the project is fully operational.

Cole Carley, executive director of the Convention and Visitors Bureau, said, "This is a terrific day for Fargo-Moorhead. This facility is going to be good for the economy of this community in ways beyond tourism and agriculture. We're very proud to have been a little bit of help to these folks."

NDSU's new equine studies program is expected to be an important part of the horse park effort. The NDSU equine center will be owned and operated by the NDSU Development Foundation, with the NDSU academic unit being the primary tenant.

Representing NDSU at the ceremony, Patricia Jensen, vice president, dean and director for agricultural affairs, said, "It feels like the culmination of an idea and the realization we have about an equine program coming into reality."

Jensen said the equine studies program, which began in fall 2001, had 45 students during its first year. She said 25 students would have been considered successful.

"Not a day or week goes by that we don't get phone calls about this new program and interest from students," Jensen said. "The horse park and the entire mechanism that we are putting in place allow us to look at our equine academic program and dream that it can have the best quality and be the best program in the entire United States."

NDSU construction projects abound

The sounds of construction reverberate in nearly all corners of the NDSU campus. This is the summer that students and faculty may come to remember as the days of heavy machinery and hard hats.

"This is a dynamic time for NDSU," said Bruce Frantz, director of Physical Plant. "With all that is going on, this is the busiest we have been in ages. It's an exciting, fun time."

The numbers are staggering. According to Frantz, NDSU has about \$16 million in construction and maintenance projects going on now, and other projects totaling about \$30 million are planned for the near future.

Major construction work currently underway includes the final stages of the \$2.3 million F Court residence hall project, completion of the \$3 million Sudro Hall addition and initial work on the \$7 million Living/Learning Center, which will be completed in July 2003.

That, however, is just the top of the list.

Perhaps the most obvious to visitors is the work to replace steam lines in various parts of campus. Because of damage caused by the June 2000 flood, steam pipes need to be replaced and streets, parking lots and sidewalks are being torn up for the project scheduled to be completed Sept. 30.

"Two years later, we are still working on projects associated with the flood. We have about 15 different buildings where we're doing the steam work," Frantz said, noting that an emergency generator also is being installed for five buildings. "Buildings need to have steam available for hot water and heat when the students come back at the end of August, so we'll have that connected by then. We'll be working on the outside issues of that project during September."

But, Frantz's 150 Physical Plant personnel have much more on their "to do list" for this summer. From painting the Katherine Kilbourne Burgum Family Life Center to installing a fire alarm system in Dinan Hall to putting an elevator in Ehly Hall to renovating laboratories and the auditorium in Stevens Hall to remodeling portions of Old Main and the Memorial Union, their task sheet seems endless.

"We'll try to do the majority of the work during the summer months. We'll also bring in some contractors to supplement our work force, just because we won't be able to do all the work ourselves," Frantz said. "There's a lot of work to do, but we have even more exciting projects coming up in the future."

He said planning is proceeding for the \$5 million NDSU downtown Fargo campus location, \$2 million equine studies center and \$3 million addition to Minard Hall. In addition, the architect selection has begun for a proposed \$20 million building for the College of Business Administration.

"There is a lot of stuff going on," Frantz said. "As the university grows, there is more demand."

All of this work comes on the heels of the recent construction projects at the NDSU Research and Technology Park, the one-year-old Wellness Center and the new Animal Nutrition and Physiology Center.

"In the short time frame that President Chapman has been here, I consider him as the 'brick and mortar president,'" Frantz said. "I have a hard time believing that in such a small, concentrated time period there has been this much activity."

Wold-McCormick named registrar



Catherine Haugen, dean of enrollment management, has announced that Kristi Wold-McCormick has accepted the position of registrar. She will begin her duties on July 1.

"We are excited to welcome Dr. Wold-McCormick back to campus. She has strong roots here," said Haugen, noting that she received a bachelor's degree and master's degree from

NDSU. "She worked in the NDSU Office of Admission for at least nine years, the last three of which she served as associate director."

Wold-McCormick went on to earn a doctorate in higher education from the University of North Dakota. For the past three years, she held positions in public relations and higher education in Colorado, including working in admissions and as an adjunct professor and course director at Colorado Technical University, Colorado Springs.

"I'm thrilled to return to campus and serve NDSU in this important role," said Wold-McCormick. "There are so many exciting opportunities in this area to enhance our networking with and service to faculty and students at NDSU. I look forward to joining an already strong and talented team."

Wold-McCormick succeeds Deanna Sellnow, associate professor of communication, who served as interim registrar from Aug. 1, 2001, to May 31. "Dr. Sellnow provided a nice service to the university when she accepted the position on an interim basis during a transitional period," said Haugen.

Livestock operations manual, letter of reprimand follow sheep audit

Five NDSU committees have been formed to develop an operations manual to be used in all NDSU livestock units. The action follows a state audit report on the university's sheep operations which cited the lack of clear, written policies on matters including co-mingling of privately owned livestock with state animals, inventory control and records keeping. In addition, Vice President for Agricultural Affairs Patricia Jensen has placed a letter of reprimand in the permanent file of sheep herd manager Wes Limesand. Limesand returned to work June 3 following being placed on administrative leave March 21.

"We asked for the state audit because we felt an outside perspective was the best way to identify the changes we need to make in our livestock operations across the state," said Jensen. "The operations manual will be our blueprint so that every employee knows exactly what is and what is not acceptable practice in managing public resources. Limesand's letter of reprimand is a proportional response which makes it clear that any future violations will be grounds for dismissal."

Committees will develop operations manual sections for the sheep herd, beef unit, swine unit, farm shop and general management procedures, herd health and biosecurity issues. The committees have until June 14 to present draft reports.

Navy research summer camp opens

Opening ceremonies for the third annual Office of Navy Research summer camp were held June 3 at the NDSU Alumni Center.

The camp is part of a collaborative project between NDSU and North Dakota's tribal colleges that is designed to increase participation by American Indian youth in mathematics, science and engineering. The collaboration is funded through a grant from the U.S. Navy, which is interested in increasing the number of engineers and scientists from underrepresented groups.

The opening ceremony featured Gray Cloud Drum. Several student research presentations also were scheduled, including Little Hoop Community College's Collette Peltier, who spoke on "Health Issues on N.D. Reservations," Heather Peltier, who addressed "Native Plants on the Spirit Lake Reservation" and Dixie Omen, who presented "Devils Lake on the Rise." Turtle Mountain Community College's Nicole Nadeau discussed "Code Talkers" and Shawn Poitra spoke on "Fingerprinting." Marie Cloud of Sitting Bull Community College discussed "Water Quality Testing Along the Grand River."

Eighteen students and six faculty from four tribal colleges, and six reservation high school teachers were scheduled to attend the two-week camp.

EPSCoR infrastructure improvement awards

North Dakota EPSCoR/ASEND has awarded several infrastructure improvement awards for 2002. The awards include equipment and seed grants, and doctoral dissertation and graduate student awards.

Five equipment grant awards totaling more than \$352,000 were made to Xiwen Cai, assistant professor of plant sciences, for a fluorescence microscopy system; Qun Huo, assistant professor of polymers and coatings, for a Langmuir trough system; Alan Kallmeyer, associate professor of mechanical engineering, for a high/low velocity impact test system; Dinesh Katti, professor of civil engineering, for a dynamic mechanical materials test system; and Lawrence Reynolds, professor of animal and range sciences, for a real-time PCR system.

Ten faculty seed grants totaling \$256,000 were made to Nikita Barabanov, mathematics; Madhusudan Bhandary, associate professor of statistics; Alan Denton, assistant professor of physics; Stephen P. Foster, associate professor of entomology; Anna Grazul-Bilska, assistant professor of animal and range sciences; Ron Hutchison, assistant professor of biological sciences; Rajendra Katti, associate professor of electrical and computer engineering; Stephen O'Rourke, associate professor of pharmaceutical sciences; Wayne Reitz, assistant professor of mechanical engineering; and Subbaraya Yuvarajan, professor of electrical and computer engineering. EPA seed awards were given to Hutchison and Craig Stockwell, assistant professor of biological sciences.

Doctoral dissertation awards were presented to civil engineering student Mohamed Mater, and pharmaceutical sciences student Feirong Kang. A graduate assistantship was made to Anthony Stamness, who will study with Gordon Bierwagen, professor and chair of polymers and coatings.

Science and mathematics scholars honored

Approximately 200 students, donors and faculty attended the College of Science and Mathematics Scholars Day luncheon April 27 honoring students who received scholarships during the 2001-02 academic year. The college awarded more than \$81,000 in scholarships during the year.

Philip Boudjouk, vice president for research, creative activities and technology transfer, and Alan R. White, dean of science and mathematics, gave opening remarks.

Senior Kari Mitchell, Amidon, N.D., thanked donors on behalf of scholarship recipients. During the 2001-02 academic year, Mitchell was the recipient of an Advanced Undergraduate Research Award; the Fred A. Bristol Jr. Scholarship; the Eivind Horvik Memorial Award for Scholarship in Physics; a McCarthy Science Teacher Education Scholarship; a McNair Scholarship and the James and May Sugihara Scholarship.

Kendall Nygard, professor and chair of computer science, gave a presentation on his research projects related to "Mission Planning for Unmanned Air Vehicles (UAVs)," describing the planning involved in computer analysis and optimum flight paths for unmanned aircraft.

People

Neas selected for EDUCAUSE committee



Neas

Bonnie Neas, assistant vice president of federal government regulations and director of internet research, has been selected to serve a three-year term on the EDUCAUSE Evolving Technologies committee.

The committee plays an important role in identifying leading edge and experimental technologies geared toward making a difference in higher education.

"I have relied on EDUCAUSE many times over the years to provide guidance, through its professional development programs, conferences and professional journals, on how to best serve our institution and state," Neas said. "This committee is only one example of how a member can be involved in learning what the latest technologies are and how they may be applied to his or her environment."

EDUCAUSE is a nonprofit association whose mission is to advance higher education by promoting the intelligent use of information technology. Membership is open to institutions of higher education, corporations serving the higher education information technology market and other related associations and organizations. The current membership comprises more than 1,800 colleges, universities and education organizations, including approximately 180 corporations.

Neas added, "EDUCAUSE is a fantastic organization that provides its higher education members opportunities to advance their information technology leadership skills."

Mehta, Krishnan named associate vice presidents

Craig Schnell, vice president for academic affairs, has announced the appointment of two NDSU faculty members to associate vice president positions. Sudhir Mehta, professor of mechanical engineering, was named associate vice president for academic affairs/academic and R.S. Krishnan, professor of English, was named associate vice president for academic affairs/administrative.

"The professors are excellent choices for associate vice presidents," said Schnell, noting the positions are part-time appointments. "Their individual talents and their long history on campus make them a great fit for their new duties as NDSU strives for the next level of excellence in academic matters."



Mehta

Mehta will be responsible for assisting in the development of new academic programs and guiding individual programs through the approval process; and providing leadership in the development of innovative instructional strategies.

Mehta joined the NDSU faculty in 1984 after working as an assistant engineer with Tata Consulting Engineers, Bombay, India. He received his bachelor's degree and doctorate in optimal control/mechanical engineering at the Indian Institute of Technology, Bombay, and his master's degree at State University of New York, Buffalo.

Most recently, he has led the NDSU Faculty Institute for Excellence in Learning to promote the use of active learning in the classroom. During the past three years, about 100 instructors have been trained in Problem-Based Learning techniques.

Mehta's many honors include being selected as a Fellow of the American Society of Engineering Education, 2002 Apple Polisher Award, 1997 North Dakota Professor of the Year Award from the Carnegie Foundation, 1999 Hewlett Packard Award and 2000 Peltier Award for Innovative Teaching. He has received the Carnot Award for teaching excellence from Pi Tau Sigma four times.



Krishnan

Krishnan will be responsible for providing leadership in the implementation of faculty development initiatives; developing and administering programs for the orientation and mentoring of new faculty; and assisting in the screening processes for faculty awards.

He joined the NDSU faculty in 1984 after being an instructor of English at the University of Nebraska-Lincoln for 10 years. Krishnan earned his bachelor's degree in English and psychology from the S.I.E.S. College, University of Bombay, India; his master's degree in English from Wichita State University; and his doctorate in English at the University of Nebraska-Lincoln.

The former coordinator of the Scholars Program in the College of Arts, Humanities and Social Sciences, Krishnan's vita lists 15 refereed publications and 24 refereed papers. He received the college's 1997 Distinguished Service Award, and has been active with many university committees, including the Graduate Council, NDSU Development Foundation Grants and Award Committee, Presidential Inauguration Committee, Endowed Professorship Committee and the Bush Foundation Grant Steering Committee.

Krishnan also presents frequent lectures to groups associated with Lutheran and Unitarian Churches and Rotary Clubs on aspects of Hinduism, Eastern philosophy, meditation, literature and ethics.

Emeritus appointments approved, retirees named

NDSU President Joseph A. Chapman has approved emeritus professor appointments for eight retiring faculty, effective July 1.

The group includes Sarah Jacobson, associate professor of business administration; Arland Oleson, professor of biochemistry; William Shelver, professor and chair of pharmaceutical sciences; Donald Stuehm, professor of electrical and computer engineering; Denis "Izzy" Isrow, professor of health, nutrition and exercise sciences; James Lindley, associate professor of agriculture and biosystems engineering; Richard Frohberg, professor of plant sciences; and Lynn Brun, retired faculty in soil science.

"The people granted professor emeritus status have all provided dedicated, quality service to the university and North Dakota for a long period of time," said Craig Schnell, vice president for academic affairs. "Their commitment to excellence is a legacy that the entire campus should try to emulate."

Jacobson joined the NDSU faculty in 1991. Her teaching responsibilities included organizational behavior, human resource management, cultural pluralism and the management of organizations, and organizational research. She conducted research in several areas of management and organization, and has been published in various management journals. Jacobson served as presiding officer of University Senate, on the university's diversity council, the women's studies advisory board and was a peer reviewer. She received a bachelor's degree from Grinnell College, Grinnell, Iowa; a master's degree in business administration from the University of Connecticut Storrs, Mansfield; and a doctorate from the School of Management at the University of Massachusetts, Amherst.

Oleson retired in December after 33 years at NDSU. He joined the faculty as an assistant professor of biochemistry in 1968, and was promoted to associate professor in 1975. He was promoted to professor in 1983. The chair of biochemistry from 1988-1995, Oleson's research focused on nucleic acid and metabolism. He was the first to carry out plant cell tissue culture at NDSU. Oleson earned a doctorate from the University of Minnesota, and was a postdoctoral research associate in biochemistry at MIT from 1964-1968.

On the faculty since 1960, Shelver served as assistant dean of pharmacy from 1973-1976 and as associate dean from 1976-1982. He held the position of chair of pharmaceutical sciences from 1993 until his retirement. Shelver earned a bachelor's degree in pharmacy and a master's degree in pharmaceutical chemistry from NDSU, and a doctorate in organic chemistry from the University of Virginia.

Stuehm retired after nearly 26 years at NDSU. He taught electronics, solid state and fields during the 1967-68 academic year, and then taught at the South Dakota School of Mines and Technology from 1973-1976. He returned to NDSU in 1976 and has since taught power systems, protection distribution, circuits and machines. Stuehm received a bachelor's degree in electrical engineering from Northrop University, a master's degree in electrical engineering from NDSU and a doctorate from Colorado State University.

An NDSU faculty member for 39 years, Isrow earned his bachelor's degree at Adams State College in Colorado, his master's degree in educational administration at NDSU and his doctorate in education from the University of Utah. He also earned an associate degree in allied health sciences from the Community College of the Air Force. Isrow taught first aid and athletic training.

After 25 years of service, Lindley retired May 31. He provided expertise in agricultural structures, livestock housing and waste management, and taught structural design for biosystems, bioenvironmental engineering, structural and environmental systems, waste management and bioprocessing, and advanced structures and environmental systems. He published a textbook, "Agricultural Buildings and Structures," in 1996, and his research has been reported on in more than 50 publications. Lindley has accepted a position with Curry-Wille and Associates, a consulting engineering firm in Ames, Iowa.

Frohberg began his career at NDSU in 1964. He is only the third hard red spring wheat breeder in NDSU history. During his career he developed 21 cultivars of hard red spring wheat, one cultivar of hard white spring wheat and collaborated on three more varieties of hard red spring wheat.

Also retiring are Edward Glass, professor of polymers and coatings; Lois Nelson, chair of the Tri-College nursing program; and Sandy Gronhovd, lecturer in mechanical engineering.

Glass joined the NDSU faculty as a professor of polymers and coatings in 1980. Prior to that, he worked at Union Carbide's Research Center in South Charleston, W.Va., from 1963-1980. He received a bachelor's degree in chemistry from Louisiana State University and a doctorate in physical organic chemistry from Purdue University. Glass's primary research has been in water-borne coatings and water soluble polymers.

Nelson has served as chair of the Tri-College Nursing Consortium since 1985. Prior to that, she was an assistant professor at Gustavus Adolphus College, acting dean for the School of Nursing at the University of South Dakota, chair of the associate nursing program at NDSU, and, most recently, was professor of nursing at Minnesota State University Moorhead. Nelson received a bachelor's degree in nursing from Gustavus Adolphus College and master's degrees in education and nursing from the University of Minnesota. She earned a doctorate in education from the University of South Dakota. She completed the Certified Registered Nurse Anesthetist training program at the Minneapolis School of Anesthesia, and has been certified as a Clinical Specialist in Psychiatric Nursing since 1984.

Gronhovd retired from NDSU after 24 years of service. She taught technical writing for 17 years and held a position in the English department. She has written numerous publications, conducted several workshops on technical and professional writing and has been a consultant for government and industry. Gronhovd earned a bachelor's degree in philosophy from the University of North Dakota and a master's degree in English from NDSU.

Students complete internships with Sen. Byron Dorgan

NDSU graduate student Bill Jason Garcia and junior Brandon Hirsch recently completed internships with U.S. Sen. Byron Dorgan's office in Washington, D.C.

"An internship is a wonderful way to gain first-hand experience that cannot be taught in the classroom," said Dorgan, noting the students could observe committee hearings, news conferences, Senate floor proceedings and other special events in the Capitol. "Interns have the unique opportunity to see our government at work and to make a difference in people's lives—all at a young age."



Garcia and Dorgan

Garcia, of Brownfield, Texas, completed a three-month internship. He served as the press intern for Dorgan's office this past spring, assisting the media staff in their day-to-day communications with journalists from North Dakota and throughout the nation.

"This was a great way to learn first hand about the dynamics and complexities of Congress," said Garcia, who graduated with a degree in political science and anthropology from NDSU in 2000. Garcia is currently pursuing a master's degree in political science and public administration. After receiving his master's degree, Garcia hopes to enroll in law school or a doctoral program.



Hirsch and Dorgan

During his five-month internship, Hirsch provided administrative and legislative support. "I developed an array of skills that can be applied to any future job. It was fun and a great experience," said Hirsch of the internship.

Hirsch is majoring in management information systems. Following graduation, he would like to work in systems administration or on a political campaign. He is the son of Marvin and Delila Hirsch, Fessenden, N.D.

Godfrey and Larson named Coaches of the Year

NDSU's Ryun Godfrey and Don Larson were named the North Central Conference Outdoor Track and Field Coaches of the Year and each received regional honors as well. The awards, voted on by NCC track and field coaches, were announced May 20.

In addition, Godfrey was named the United States Track Coaches Association Division II National Women's Coach of the Year in both Indoor and Outdoor Track and Field, and the Division II North Central Region Indoor and Outdoor Track and Field Coach of the Year.

He led the Bison women to their fourth straight NCC Outdoor Track and Field title and their ninth title in the last 10 years. It is the third time that Godfrey, who is in his third season at NDSU, has won the outdoor title. He also led the Bison women to the 2002 NCAA Division II indoor national championship in March.

Larson, in his 23rd year at NDSU, also was named Division II North Central Region Men's Outdoor Track and Field Coach of the Year by the USTCA. He led the Bison men to their 15th NCC Outdoor Track and Field title this season, and qualified 16 athletes for the national meet.

Stoltenow to lead CRDF workshop

Charles Stoltenow, assistant professor and extension veterinarian in animal and range sciences, has been selected by the United States Civilian Research and Development Foundation (CRDF) to develop and lead a group of American scientists at a joint workshop on "Research on Minimizing the Impact of Terrorist Acts on Civilian Populations." The workshop, funded by the Department of Defense, is scheduled for late July in Washington, D.C.

The workshop is a means to further efforts by the United States to provide gainful employment for Russian scientists in their home country instead of working for or defecting to terrorist organizations or countries.

A Russian team under the leadership of Igor Shemyakin, one of Russia's foremost authorities on anthrax, also will attend.

The American team includes Lynn Rust, assistant professor of veterinary and microbiological sciences and molecular biologist; Eric Garber, USDA research biologist and biochemist for Scientific Consultants, Fargo; Jane Christopher-Hennings, veterinarian and molecular diagnostician at South Dakota State University, Brookings; and Mike Piontkowski, veterinarian and lead anthrax scientist for Colorado Serum Co., Denver.

"I've tried to put together a team of engaged scientific experts from the academic and private sectors that cut across historically provincial areas of expertise and mold them into a unit capable of providing the best from each organization they represent," Stoltenow said. "Bioterrorism is a set of problems that require a different process to find the solutions."

Stoltenow and Shemyakin previously worked together in September when Stoltenow traveled to Obolensk, Russia, as part of the National Academies National Research Council's Exchange Program with Russian Institutes in the Biomedical Sciences. Obolensk is home to Russia's bio-weapons program. Stoltenow was included in the program as an anthrax specialist.

Women's basketball 'table crew' honored

The NDSU women's basketball table crew received the Noel Olson Volunteer of the Year award during the North Central Conference honor awards dinner May 19 in Alexandria, Minn.

The award, now in its fourth year, recognizes the commitment of former NCC commissioner Noel Olson to the advancement of conference visibility, credibility and excellence.

The "crew" members are Collette Folstad, Betty Patterson and Donna Terbizan, who collectively have volunteered 63 years for the Bison women's basketball team.

Folstad, a former head and assistant coach at NDSU, is a 23-year volunteer. Patterson has been a crew member for 22 years and Terbizan for 18. In addition to tracking scores and the shot clock, the crew gathers after each game to give critique, advice and counsel to head coach Amy Ruley.

The award will be presented periodically to honor individual volunteers who have made significant contributions to the NCC. Award recipients are selected by representatives from each of the conference's 10 member schools.

Mahalingam elected to second term as ACADIA president



Ganapathy Mahalingam, associate professor of architecture and landscape architecture, has been re-elected to a second term as president of the Association for Computer Aided Design In Architecture (ACADIA). Mahalingam also has served the association as a steering committee member and outreach officer.

Mahalingam

ACADIA was founded in 1981 at Carnegie Mellon University to facilitate communication and information exchange regarding the use of computers in architecture, planning and building science. Focusing on the software, hardware and pedagogy involved in education, ACADIA is committed to the research and development of computer aides that enhance design and creativity, and that contribute to the construction of humane physical environments. Its members consist of prominent researchers and educators in the field of computer-aided architectural design.

"It is a humbling experience to be elected for a second term by your national and international peers to lead an organization such as ACADIA," Mahalingam said. "The recognition is a testimony of the respect my peers have for my work and the confidence they have in me to lead the organization into its next phase. This is also an honor for NDSU."

ACADIA works with its sister organizations in Europe, Asia and Latin America to provide forums for the timely exchange of research results, educational practices and professional practice issues in the field of computer-aided architectural design.

For more information about ACADIA, visit www.acadia.org.

Theeler named Athlete of the Year

NDSU's Jill Theeler was named Division II North Central Region Women's Outdoor Track and Field Athlete of the Year by the United States Track Coaches Association.

Theeler, a senior from Mitchell, S.D., qualified for the NCAA Division II meet in the 200- and 400-meter dashes, and the 4x100- and 4x400-meter relays. She won the NCC championships in the 200, 400 and 4x400 events. She is a 16-time NCAA All-American.

In addition, Theeler and Nicole Danielson, a junior golfer from St. Cloud, Minn., were named to the 2002 North Central Conference Academic At-Large Team.

Danielson is a pharmacy major with a 3.73 cumulative grade point average. She is a two-time All-NCC performer, and was selected to represent NDSU at the 2002 NCAA Foundation Leadership conference held May 26 in Buena Vista, Fla.

Theeler, a business administration major with a minor in accounting, maintains a 4.0 grade point average. This is the third time she has been named to the NCC Academic At-Large Team.

Receiving honorable mentions were Sarah Borgenschutz, golf; Michelle Pilcher, Annie Dougherty and Jordan Hoffert, cross country and track; and Katie Staton, Tamara Brudy and Molly Peppel, track and field.

Rust accepted to Russian research exchange program

Lynn Rust, assistant professor of veterinary and microbiological sciences, has been accepted to the National Research Council Exchange Program with Russian Institutes in the Biomedical Sciences.

Rust will spend two weeks this fall visiting research institutes in the Moscow region to become familiar with research and related work on pathogens being carried out at the institutes.

"I anticipate exchanging new ideas, establishing scientific connections and enriching the NDSU community with these contacts in very real way," Rust said. She also plans to apply for visiting scientist funds to host a Russian collaborator as a program follow-up.

Rust was encouraged to apply for the program by Charles Stoltenow, assistant professor of animal and range sciences, who suggested her interest in gene expression regulation is a type of collaboration in which the Russian scientists are interested.

Mueller named softball coach

Lynn Dorn, director of women's athletics, has named Darren Mueller as head women's softball coach. Mueller served as interim head coach during the 2002 season after replacing Mitch Hanson, who resigned in January.

"We are pleased Darren has accepted the full-time position and that we've retained him because of the documented success the program has enjoyed," said Dorn.

Mueller led NDSU to the 2002 North Central Conference and NCAA Division II North Central Region championships. The Bison compiled a 44-10 record overall.

"I'm excited about the opportunity and I'm looking forward to the next challenge. We certainly want to continue the success we've been able to achieve over the past eight seasons," said Mueller, who was named the 2002 NCC Co-Coach of the Year.

Mueller has been active on the local softball scene for more than a decade, and was named to the North American Fastpitch Association All-World tournament team in 2000. He earned All-American honors in 1996. He will be the head coach for an USA Athletes International Fastpitch Softball team that will tour Australia and compete in the University World Games tournament July 22-Aug. 4.

Mueller is a 1994 NDSU graduate with a bachelor's degree in physical education. He also was an assistant director of marketing at NDSU, and will continue to assist in that area.

Third-year architecture design awards

Third-year architecture design studio students competed for awards sponsored by the North Dakota Masonry Institute.

A jury of practicing architects, faculty and former award recipients selected a project designed by Nicholas Lynch as the top prize winner. Danielle Foertsch received second place, and David W. Miller was third. Each received a cash award.

Winners of the masonry competition in landscape architecture are Randy Huntmeier, first place; Charles Stewart, second place; and Derrick Wolbaum, third place.

McNair Scholar selected

NDSU junior Robert Kargbo, a chemistry major from Fargo, has been selected for the McNair Scholars program.

Each scholar is supported by a faculty and library mentor. Kargbo's faculty mentor is Gregory Cook, associate professor of chemistry, and his library mentor is Alan Stevens, life sciences librarian.

Students chosen for the program are college juniors and seniors who show an interest in research and who have the aptitude to pursue a doctorate. In addition to a monthly research stipend and an opportunity to attend conferences related to their studies, the program provides educational and support services to help prepare the scholars for post-graduate work. It is anticipated that the scholars will pursue careers in college teaching and research after completing their doctorates.

The program is named after Ronald E. McNair, a member of the Challenger space shuttle crew. The NDSU program, one of the original 14 programs in the nation, is funded by the U.S. Department of Education and administered by the Office of TRIO Programs in the Division of Student Affairs.

Student receives Astronaut Scholarship

NDSU senior Kimberly Stanek has been selected for the prestigious Astronaut Scholarship. Craig Schnell, vice president for academic affairs, was notified of Stanek's \$8,500 award in a letter received May 21 from Astronaut Scholarship Foundation associate director Linn Burnaw.

"The students who receive the Astronaut Scholarship demonstrate high levels of innovation, creativity and drive. I am delighted that Ms. Stanek has been selected for this high honor," Schnell said, noting that Stanek is a native of Bismarck, N.D., who is majoring in mechanical engineering with a polymers and coatings option.

Scholarship candidates are nominated by faculty members and reviewed by a scholarship board at 17 cooperating educational institutions. The committee's selections are presented to the foundation's board of directors for final approval.

In a letter of nomination, Gordon Bierwagen, professor and chair of polymers and coatings, wrote that Stanek is "one of the most strongly motivated students" who is "very aggressive in pursuing goals and objectives." He wrote that Stanek performs data analysis and contributes to the department's bronze protection studies.

The Astronaut Scholarship Foundation provides scholarships for college students who exhibit motivation, imagination and exceptional performance in a science or engineering field. It aims to strengthen America's position in science and technology by awarding the scholarships to third- and fourth-year undergraduates and post-graduates. To date, more than \$1.4 million has been awarded.

The foundation was established in 1984 as the Mercury Seven Foundation by astronauts Malcolm Scott Carpenter, L. Gordon Cooper Jr., John H. Glenn Jr., Walter M. Schirra, the late Alan B. Shepard Jr. and the late Donald K. (Deke) Slayton, and Mrs. Betty Grissom, widow of astronaut Virgil (Gus) Grissom, flight surgeon Dr. William Douglas and Henri Landwirth, an Orlando, Fla., businessman and friend of the astronauts.

Gemini and Apollo astronaut James A. Lovell currently serves as president of the foundation and board chair.

Softball players honored

Three NDSU softball players were named to the National Fastpitch Coaches Association (NFCA) Division II All-North Central Region first team.

Lindsey Graham, a sophomore from Great Falls, Mont., was one of three pitchers named to the first team. Graham, who also was named North Central Conference and North Central Regional MVP, is 29-4 on the season with two saves and 12 shutouts.

Junior first baseman/pitcher Melissa Hobson, Placentia, Calif., earned first team NFCA All-Region utility player honors, while junior designated player/outfielder Jessie Benson, Sioux City, Iowa, earned first team designated player honors.

Graham also was selected to the 2002 Louisville Slugger/ NFCA Division II All-America first team. She was a three-time NCC Player of the Week and was the Louisville Slugger/NFCA Division II Player of the Week April 22. Graham is the fifth NDSU player to earn All-America honors.

In addition, Graham; Hobson; freshman outfielder Joslyn Else, Sioux Falls, S.D.; junior outfielder Jess Christensen, Mankato, Minn.; and sophomore second baseman Jenny Bakke, Anoka, Minn., were named to the 22-member All-NCC first team.

The Bison are the 2002 NCAA Division II North Central Region and NCC tournament champions. They made their third NCAA national tournament appearance in four years.

Soccer players named to USASA team

Three NDSU women's soccer players have been named to the United States Amateur Soccer Association (USASA) Region II Select Team.

Senior midfielder Kelly Gilbertson, Bloomington, Minn., and sophomores Brooke Hartman, Victoria, Minn., and Olivia Cole, Champlin, Minn., will compete in one of four tournaments scheduled for July 28-Aug. 3 in Houston.

Gilbertson, a midfielder, was an all-conference performer during her career at NDSU. She was selected to the USASA National B team in 2001.

Hartman is a defender, and was named to the National Soccer Coaches Association of America (NSCAA) All-Central Region and All-North Central Conference first teams.

Cole, a forward, led the Bison with 12 goals, including six game-winners and four assists.

Pharmaceutical sciences presentation

Pharmaceutical sciences doctoral student Akanksha Gupta presented her research abstract at the U.S. Shock Society's annual conference on shock held June 8-11 in Big Sky, Mont.

Gupta's presentation, "Chronic Peritoneal Sepsis Produces Upregulation of Myocardial iNOS, preproET-1 Proteins and ET-1 Levels in Diabetic Rats," was given as part of the Young Investigator Research Forum created to expose young investigators to new areas of research.

The Shock Society is made up of scientists and clinicians associated with shock and trauma research. Gupta's abstract is co-authored by her adviser, Avadhesh C. Sharma, assistant professor of pharmaceutical sciences.

Events

Printmaker Barnes exhibit in Memorial Union Gallery

"Discussions with Myself," a exhibit by printmaker Michael D. Barnes, is scheduled to be on display in the Memorial Union Gallery through July 12.

The exhibit is being held in conjunction with the third annual Printmaking Education and Research Studio (P.E.A.R.S.) summer printmaking workshop.

The exhibit is based in self-investigation and a reflection of the artist's subconscious. The images often depict solitary figures that exist within vacuous environments and are tempted or agitated by particular elements.

Barnes will instruct the P.E.A.R.S. workshop, a program promoting printmaking production and innovation in the Upper Midwest. The workshop is offered through the art department and the Memorial Union Gallery.

Barnes is an assistant professor of art at Northern Illinois University, DeKalb. He earned a bachelor's degree in printmaking from Alma College, Alma, Michigan, and a master's degree in printmaking from the University of Iowa, Iowa City. He received the 2001 Illinois Arts Council Artists Fellowship Award, as well as the Plains Art Museum Residency-Printmaking Fellowship. He also received the 2002 Frans Masereel Centrum Residency in Katerlee, Belgium.

Summer gallery hours are 10 a.m.-2 p.m. Monday-Friday and by special arrangement.

For more information, e-mail Rebecca.Kilzer@ndsu.nodak.edu, call 1-8239 or visit the gallery's Web site at www.ndsu.nodak.edu/memorial_union/gallery.

Summer concert series set

The schedule of the NDSU Summer Concert Series has been announced. The concerts are held from noon to 1 p.m. every Tuesday and Thursday at the NDSU Memorial Union's East Patio or in the Cul-de-Sac lounge if weather does not permit an outdoor performance. The events are free and open to the public.

Upcoming concerts include:

June 13—Russel Peterson, saxophone
 June 18—Connie Hill
 June 20—Easily Amused, folk
 June 25—Margot Wagner, folk
 June 27—Brennen Leigh, folk
 July 2—Suzie Nickell, country/folk
 July 9—Josh Harty, folk
 July 11—Nicole Parsch, folk
 July 16—Dennis Warner, folk/country
 July 18—To be announced
 July 23—Gaone Mokhawa, blues
 July 25—Sarah Morrau, folk
 July 30—To be announced
 Aug. 1—Charlie Parr

The Summer Concert Series is a program of the Memorial Union. For more information, call 1-7787.

Engineering and architecture to sponsor PBS shows

The College of Engineering and Architecture is local sponsor of two new series on PBS.

"Great Projects: The Building of America" is a documentary series that highlights major engineering achievements in the United States. Local air times are scheduled for 9 p.m. Tuesdays in July.

"Cyberchase," a children's show that teaches math skills with humor and games, is scheduled at 3:30 p.m. Mondays in July.

The documentary series, narrated by Stacey Keach, portrays the beauty of technology, its social and political context, and its impact on daily life.

"A Tale of Two Rivers," scheduled for July 9, shows how engineers harnessed the power of the Mississippi River's levees and floodways, and the building of Hoover Dam on the Colorado River.

"Electric Nation" is scheduled for July 16. The show documents the way in which electricity became a part of every American's life.

"Bridging New York," scheduled for July 23, gives credit to Othmar Amman for building six of the 11 bridges that unite the New York City islands to the rest of the country.

"The Big Dig," scheduled for July 30, features Boston engineer Fred Salvucci and the city's Central Artery/Tunnel project, the largest, most complex and technologically challenging highway project ever attempted in American history.

"Cyberchase" is an animated series for children ages eight to 11. Engineering and architecture is set to sponsor episodes on July 8, 15, 22 and 29. Three young heroes use brainpower to thwart the dastardly villain, Hacker, in his quest to take over the cyber world. Each episode ends with a live-action segment that explores math in the real world. Some of the subjects include navigation, finding meaning from data, estimation, and probability and chance.

Shorts and Reminders

Motor pool forms available online

New and revised motor pool forms are now available online. The new state fleet vehicle accident report, the volunteer request for state fleet vehicle and the revised motor pool vehicle reservation forms are found at www.ndsu.nodak.edu/physical_plant/transportation.

For more information, call the motor pool department at 1-9619.

Positions available

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

Administrative Secretary
12 months; 20-24 hours/week
ND EPSCoR
\$9.61+/hour
June 12

Administrative Secretary/#2411
Management, Marketing and Finance
\$21,000 minimum/year
June 17

Administrative Secretary/#2034
M-F; 20 hours/week
International Programs
\$8.65/hour
June 19

Cashier/#3232
12 months; 40 hours/week
6 a.m.-2:30 p.m., M-F
Summer hours vary; weekends as necessary
Dining Services-West Dining Center
\$6.75/hour
Open until filled

Lead Food Service Worker/#1027
12 months; 40 hours/week
11:30 a.m.-8 p.m., M-F; weekends as necessary
Dining Services-Residence Dining Center
\$7.25/hour
June 19

Timecard Custodian
7 a.m.-3:30 p.m., M-F
Non-benefited position
Residence Life
\$7.95/hour
June 13

Custodian/#1407
10 months; 40 hours/week
2:30-11 p.m., M-F
Dining Services-Union Dining Center
\$7.85 minimum/hour
June 14 or until filled

Heating Plant Operator (Entry Level)
Rotating shifts
Physical Plant
\$23,675+/year
June 19

Electrician
8 a.m.-4:30 p.m./7:30 a.m.-4 p.m.; M-F
(Rotating nights/weekend callbacks)
Physical Plant
\$32,000+/year
June 14

Program Specialist/#5422/5423
ND EPSCoR
\$36,000+/year
June 12 (extended)

NDUS Help Desk Consultant
Information Technology Services
\$30,476+/year
June 14

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

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

Calendar**June**

Through June 21 Printmaking Education and Research Studio (P.E.A.R.S.) annual summer workshop. Call 1-8239 or 1-7824 for information.

Through July 12 P.E.A.R.S. exhibit by visiting master printmaker, Michael D. Barnes, "Discussions with Myself," 10 a.m.-2 p.m. Monday-Friday, Memorial Union Gallery.

Through July 29 "Streetscapes" photographic exhibit by Ross Collins, associate professor of communication, 7:30 a.m.-4 p.m. Monday-Friday, President's Gallery

14 Northern Crop Science—Justin D. Faris, research geneticist, USDA-ARS, "Research Ventures in Durum and Wheat Genomics," 10 a.m., Northern Crop Science large conference room. Use west entrance.

20 Biosciences Research—Robin Buell, The Institute for Genomic Research, Rockville, Md., "Rice and Potato: Two Important Species for Comparative Genomics," 3 p.m., Biosciences Research Laboratory large conference room. Use east entrance.

20 Summer band concert, 7:30 p.m., Festival Concert Hall lobby. Free.

July

4 Independence Day holiday; university closed

August

27 Classes begin

September

2 Labor Day holiday; university closed

**University Relations
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