

Chapman names Bjerke NDSU assistant to president



Bjerke

The Adjutant General of the North Dakota National Guard will step down from that role in December to become assistant to the president of North Dakota State University. Between May and December, Keith Bjerke will assist President Joseph A. Chapman on special projects.

“Keith brings the very kind of experience we need,” said Chapman. “He has many years of public service experience, he has strong leadership abilities and he has the ability to articulate a vision for NDSU that will be an important part of his new job.”

Bjerke was appointed Adjutant General in July 1993, by Gov. Ed Schafer. He delayed his full-time appointment at NDSU to complete his term in the Schafer Administration and to allow North Dakota's next governor to make his or her own selection to the Guard's top leadership post.

“I am very grateful for the opportunity that President Chapman is extending to me,” said Bjerke. “I'm an NDSU graduate and it means a lot to me to serve this university in this new way. President Chapman has a tremendous vision for NDSU, including the Research and Technology Park, his appreciation for students and his connectivity with the people of North Dakota. I am looking forward to helping him move forward with this vision.”

As Adjutant General, Bjerke oversees 3,500 Army National Guard and 1,100 Air National Guard members. He also is responsible for the Division of Emergency Management and supervises statewide disaster response coordination for any local, state or federal disaster declaration in North Dakota.

A 1961 NDSU graduate in animal husbandry, Bjerke was, in 1993, president of World Perspectives Services, Inc., an agricultural consulting firm in Washington, D.C. Prior to that, he was administrator of the Agricultural Stabilization and Conservation Service and executive vice president of the Commodity Credit Corp. From 1964 to 1989, he was the owner and operator of the 3,500-acre Spruce Row Farm, Northwood, N.D.

The recipient of numerous military and service honors, he currently is on the board of directors of the Pioneer Mutual Life Insurance Co., Fargo, and previously served on the boards of the 9th Federal Reserve Bank, Minneapolis, and the Minneapolis Grain Exchange.

Ground breaking ceremonies held for Health and Wellness Center

Ground breaking ceremonies were held April 14 for the new NDSU Health and Wellness Center, and even inclement weather couldn't dampen the enthusiasm of students and administrators. Due to snow and freezing rain, the ceremony was moved indoors to the Memorial Union Alumni Lounge.

Located on the west side of campus at 18th St. N. and Centennial Boulevard, the \$5.2 million project will include a one-story clinic with exam rooms, offices and a pharmacy and a two-story building with a student lounge, locker rooms, drop-in child care facilities, a running track, workout machines and aerobics room. It will

Student Health Service closed over break

The Student Health Service will be closed April 21-24. Regular hours will resume Tuesday, April 25.

Libraries announce Easter break hours

Hours for the NDSU Libraries during Easter break are as follows: All libraries will close at 5 p.m. Thursday, April 20, and remain closed Friday - Sunday, April 21-23. Regular academic hours resume Monday, April 24.

A current listing of hours can be obtained by using the HRS command on the online catalog, by consulting the Libraries' Web page at www.lib.ndsu.nodak.edu, or by calling 1-9456.

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offer individual counseling and classes about such issues as fitness, nutrition and smoking cessation.

"Today we begin a new chapter in student life on this campus. The Student Health and Wellness Center will play a key role in our students' fitness, well-being and health education," said President Joseph Chapman during the ceremony. "To our students, I am extremely proud of you. Your effort was extraordinary and it is my prediction that you will have done something that will change the campus climate in the future." Chapman also acknowledged the work of Gary Narum, associate vice president of student affairs, who served as adviser and mentor for the students involved in the project.

The center, which has been under discussion since 1991, is student-funded through a \$38 per semester fee paid by full-time students. Bonds on the project will be paid off during the next 30 years.

"The campus is going to be very excited," said senior Angie Nelson, chair of the Student Health and Wellness Center Committee. "The center will be a place that promotes the pro-activity of a healthy lifestyle."

Brad Olson, student body president, said the center will be an important asset for students. "The center will be a great addition to the campus itself," he said. "The best thing about the facility is that it will be run by the students, just like the Memorial Union. This will create more jobs for students and make it feel more like a home for them. This is truly a great day for NDSU."

Dignitaries attending the ceremony included Joe Peltier, member of the State Board of Higher Education, and several Cass County state legislators.

Construction on the facility will begin later this month and is expected to be completed by the fall of 2001.

Residence halls see high retention rate

NDSU students apparently are enjoying life on campus. Sixty-three percent of students currently living in the residence halls have signed up to live on campus again next year.

According to Prakash Mathew, associate dean for student life, NDSU's residence halls have had a 60 percent retention rate since 1994, which is a national record. "This is truly wonderful news," he said. "There is no requirement that the students stay for a second year. It tells us something good is happening there."

Mathew believes the Living and Learning program in the residence halls is a key factor for the high number of students choosing to return. "The program is designed so it's not just a place to sleep, it's also a place to learn."

He also credits Deanne Sperling, student housing officer, for her successful retention campaign, part of which included a packet for current residence hall students that compared costs and benefits of campus life to off-campus living. Factors such as housing costs, meal preparation and the ability to walk to classes were highlighted as advantages to on-campus living.

NDSU taps Cornell administrator as Physical Plant director

Dick Rayl, NDSU vice president for business and finance, announced Bruce Frantz, associate director of maintenance management at Cornell University, Ithaca, N.Y., has been named NDSU Physical Plant director.

Frantz is currently responsible for managing a \$12 million endowed and statutory operating budget for the 8 million-square foot Cornell campus. He joined Cornell in 1985 as manager of maintenance production and was named associate director of maintenance management in 1992. From 1978 to 1984, he was director of physical plant and an engineering supervisor for Columbus Services, Inc., New Castle, Pa., a facilities management company serving educational, government and commercial customers. Prior to that, he was a foreman at Pennsylvania State University, University Park, Pa.

"He has wonderful people skills," said Prakash Mathew, associate dean of Student Life and chair of the search committee, noting Frantz was selected from a pool of four qualified finalists. "His interpersonal skills are superb, he has Physical Plant experience and he has worked at a land-grant university. He is visionary, a very good listener and how well he relates to people came across very clearly during the interviews."

Frantz earned a bachelor's degree in business administration and a graduate degree in park management from Pennsylvania State University.

His approximate starting date is May 15.

University Senate gives first reading to bylaw changes

The University Senate on April 10 approved on first reading a number of proposed changes to its bylaws. The proposals were forwarded by the Special Committee on University Governance.

Among the changes are the addition of a faculty caucus and the elimination of the Scheduling and Registration Committee and Student Affairs Committee as standing committees of the University Senate. Another change is to have Senate Executive Committee members act as liaisons with standing committees. Also, standing committees would now be required to provide a yearly summary of their activities to the Senate.

The faculty caucus would consist of all non-administrative faculty, full-time lecturers and any administrative faculty member who is serving as an elected senator. Any member of the Senate could call a meeting of the caucus to address any matter of faculty concern, and the presiding officer-elect would give notice of the meeting and serve as chair.

The Senate defeated a motion that would have allowed the caucus to elect its own presiding officer and approve its own procedural bylaws. Senators approved a motion prohibiting liaisons from serving as chairs of standing committees and defeated a motion that would have made them non-voting committee members.

Second reading and final approval of the changes is scheduled for the Senate's May 8 meeting.

Promotions, tenure approved

The 2000 list for NDSU faculty promotions and tenure has been finalized. Tenure was granted by the State Board of Higher Education at its meeting April 4. Promotions were approved by President Joseph Chapman.

Promotion to full professor

- Joel Caton, animal and range sciences
- George Flaskerud, agricultural economics
- Brian Steffenson, plant pathology
- Jeff Clark, sociology/anthropology
- Tim Sellnow, communication
- Bahman Bahrami, business
- Fong-Yuen Ding, industrial and manufacturing engineering
- Gary Nuechterlein, zoology
- Warren Shreve, mathematics
- Alan White, botany/biology

Promotion to associate professor and tenure

- Laura DeHaan, child development and family science
- Douglas Blanks-Hindman, communication
- Elizabeth Blanks-Hindman, communication
- Susan Ray-Degges, apparel, textiles and interior design
- James Hansen, accounting
- Ayse Sahin, mathematics
- Karen Froelich, business
- Ratna Babu Chinnam, industrial and manufacturing engineering
- John Cook, industrial and manufacturing engineering
- Mark Soucek, polymers and coatings
- Odette Gould, psychology

Promotion to senior lecturer

- Judith Ary, health, physical education and recreation

Tenure

- Charles Harter, business
- Gerrard Macintosh, business
- Jagdish Singh, pharmaceutical sciences

Theatre arts program granted accreditation

The NDSU Department of Theatre Arts has been granted associate membership in the National Association for Schools of Theatre. The membership is the result of a year-long accreditation process culminating in approval by the commission on accreditation at the association's annual meeting, held in Albuquerque, N.M. Lori Horvik, assistant professor of theatre arts, was the departmental liaison for the accreditation process and represented the department at the annual meeting.

The National Association of Schools of Theatre was established in 1969 to improve educational practices and maintain high professional standards in theatre education. Included in the membership are outstanding independent schools, universities and colleges that teach theatre. The association has been designated by the U.S. Department of Education as the agency responsible for the accreditation of all theatre curricula.

John Miller, director of the division of fine arts, said, "NDSU's Department of Theatre Arts has worked hard these past two years to redefine its programs, identify goals for the next few years and present its excellence to the region. In doing so, this excellence has been recognized by NAST in the accreditation certificate. We're enthusiastic about the future."

Bridges graduate program seeks proposals

President Joseph Chapman, Vice President for Academic Affairs Craig Schnell and the Information Technology Roundtable are requesting planning and implementation proposals from departments and faculty members for the new NDSU Bridges program, a distance learning project for students seeking graduate degrees. Proposals are due by 5 p.m. Friday, June 9. Awards are expected to be made on June 19.

The new program is expected to use a distance delivery infrastructure, including the very high speed Backbone Network System; connection to the Great Plains Network; membership in Internet2; node status in the National Computational Supercomputer Alliance Technology Grid; Information Technology Services' Advanced Technology program, Multimedia Center and Instructional Design Center; Continuing Education; and other NDSU innovations.

Planning proposals should describe in detail the process a unit will follow to develop a high quality proposal. Implementation proposals should fully detail how a unit will develop, manage, deliver and assess their distance delivered graduate degree program.

A successful Bridges proposal should contain a specific description of the distance program and demonstrate that a department or unit is committed to the innovation over a long period; is knowledgeable of the potential problems, costs and impacts; has formulated a reasonable, detailed timetable and milestone chart; has explored all contingencies; has thoroughly scanned related programs and opportunities; has performed a thorough internal audit of existing and needed infrastructure; and has matched their strengths with clear opportunities.

The expected starting date of funded planning programs is July 1. The earliest starting date of funded distance degree programs is Aug. 15.

Proposers must provide five paper copies of a proposal, plus the original signed proposal and one copy on diskette to Old Main 103. More information and a detailed request for proposals are available from the Office of the Vice President for Academic Affairs on the Web at www.cs.ndsu.nodak.edu/~itr/bridges_announce.html and www.cs.ndsu.nodak.edu/~itr/bridges_rfp.html.

Parking permits to go on sale May 8

Faculty and staff parking permits are scheduled to go on sale at 8 a.m. Monday, May 8, at Thorson Maintenance Center. Renewal notices will be sent out April 27 to faculty and staff who purchased 1999-2000 permits. Payment options are cash, check or payroll deduction (benefited staff only). Permits charged to payroll deduction will be charged in four \$15 payments beginning Sept. 29, and will be taken on a pre-tax basis as allowed by IRC section 132(F).

Vet Tech Club animals bring joy to veterans

Animals bring joy and healing—that's the premise of an ongoing project by the Veterinary Technology Club at NDSU. One day each month during the academic year, club members bring puppies, kittens and other animals to the Veterans Administration Medical Center, Fargo.

What happens is only slightly less than magic. Faces light up, spirits rise and the visits seem to brighten the day of patients and staff alike.

"They just love it when we come with our animals," said Kristi Maier, president of the club. "The veterans get so much out of it. They'll wait for us in the hallways outside their rooms just to see the animals, and they'll still be there when we come back around."

The club, which was established in 1981, has been bringing animals to the center for the past five years. It's a project the students decided on their own to organize.

Most of the club members are students in the NDSU veterinary technology program. Accredited by the American Veterinary Medical Association, the program prepares graduates for traditional veterinary practice careers and emerging non-traditional careers in animal health care.

The club brings seven to 10 animals on each visit to the hospital, often including beagles, kittens, rabbits and, on one occasion, a chinchilla. The animals are usually from the NDSU veterinary technology program, but occasionally students bring their own pets.

"The animals are so comforting to the veterans. It's a little like pet therapy for them," said Maier, a fourth-year college student in her first year of the veterinary technology professional program. "Sometimes some of the veterans won't even let us take a kitten off their bed. They lay there with them and the patients seem to just love it."

The project brings happiness to the Veterans Administration patients and staff, the animals learn through socialization and the students gain valuable lessons of relating to the public.

"We train the students to be veterinary technicians and work with the animals. However, a large portion of their time will be spent with clients promoting proper health care for the animals," said Amy Ellwein, research specialist of veterinary and microbiological sciences and a club adviser. "By going to the VA Hospital they get hands-on experience teaching people how to treat and respect animals. At the same time, the students also get a better understanding of working with people in our community."

The next time the club shares some joy with the veterans is scheduled for 3:30 p.m. Monday, May 1.

People

Arnell receives Gunkelman Award



Arnell

Karen Arnell, assistant professor of psychology, received the 2000 Mary McCannel Gunkelman Recognition Award during ceremonies April 12 at the NDSU Alumni Center. The award recognizes the NDSU student or employee who has made the most significant and unselfish contribution to creating a happy environment for the enjoyment of students. The honor includes a \$600 cash award.

"I'm really surprised," said Arnell, who was nominated by several of her students. "It means a lot to me because students are busy and worried about their grades. It's nice to have some feedback from them that you are inspiring them and having an impact."

President Joseph Chapman praised the efforts of Arnell and the other nominees. "We had an impressive list of 37 nominees for this prestigious award. Each and everyone of them has helped to make this campus a brighter and more cheerful place," he said. "NDSU is and must be a welcoming, friendly place and I salute their efforts to keep it so."

In nomination letters from students, Arnell was commended for her enthusiastic approach to teaching and research and her concern for students.

"Upon entering the psychology department office area, a distinct and unmistakable sound can be heard: the laugh of Dr. Karen Arnell," wrote student Scott Wolf. "Dr. Arnell brings a joy that seems to make even the most impossible or mundane task that much more challenging, exciting and fun."

Student Naomi Bell wrote of Arnell, "She is one of the most influential professors at NDSU. Karen is a highly motivated, friendly and inspiring individual."

In her nomination letter, student Jennifer Nodes wrote, "Contagious. That's the only way to describe Karen's spirit. Karen is an incredibly devoted instructor, a motivational and highly-regarded researcher and an awesome adviser of the Psychology Club and Psi Chi National Honor Society."

Arnell joined the NDSU faculty in 1998 after two years in Cambridge, England, on a research fellowship at the Medical Research Council's Applied Psychology Unit. She earned her bachelor's degree at the University of Calgary and her master's degree and doctorate in psychology at the University of Waterloo, Ont.

The award was established in 1987, with the first award in 1989. It honors Mary McCannel Gunkelman, who died in 1985. She was a 1942 graduate of the NDSU College of Home Economics, who believed the more enjoyable the campus and programs, the better NDSU would be now and in the future.

Rao honored with teaching award

M.B. Rao, professor of statistics, was recently presented with an award for Distinguished College or University Teaching of Mathematics 2000. He received the award at the meeting of the North Central Section of the Mathematical Association of America held March 31-April 1, in Duluth, Minn.

The Mathematical Association of America was founded in 1915 to promote the exchange of ideas on teaching mathematics in four-year colleges and universities and to encourage undergraduate research. The North Central Section was founded in 1916 to serve the mathematical community in Minnesota, North Dakota, South Dakota, Manitoba, Saskatchewan and Western Ontario. The section has invited nominations from the mathematical community for the distinguished teaching award since 1993, and one award is given per year.

Political science faculty present research at conferences

Valerie O'Regan, assistant professor of political science, recently presented two portions of her research agenda at regional political science conferences. At the South Dakota Political Science and Public Affairs Conference on April 8, she presented the paper "When Does the Level of Representation Become Critical," which examines the level of female membership in policy making bodies needed for the adoption of different policy initiatives associated with women's issues. Her study utilizes a cross-sectional, time series approach based upon a unique data set she compiled of policy and political membership of numerous democracies over several decades.

O'Regan's second presentation was a collaborative project with Stephen Stambough, assistant professor of political science. This research produced the paper "Cue Voting: The Election and Re-election of Women Senate Candidates," which was presented at the Western Political Science Association Annual Conference March 25 in San Jose, Calif. This project explores the likelihood of female voters supporting female U.S. Senate candidates based upon a gender voting cue from 1988-1992.

In addition to this work, Stambough also presented a paper entitled "The Accidental Senator" at the Western Political Science Conference. This research examined the re-election activities and experiences of political novices who successfully sought a U.S. Senate seat as their first entry into elective politics. In particular, this research examines how the opposition party reacts to these political amateurs while they seek re-election.

Stambough also participated in the South Dakota Political Science and Public Affairs Conference by organizing and participating in a scholarly roundtable about the 2000 presidential elections. Stambough's discussion focused on the historical impact of divisive presidential primaries and the potential effect it might have in this year's presidential election.

Department of Sociology and Anthropology hosts visiting scholars

The Department of Sociology and Anthropology is hosting three visiting scholars from South Korea in the 1999-2000 and 2000-01 academic years.



Park

Duk Byeong Park, a rural adult education specialist, arrived at NDSU on Feb. 28 and will remain through the 2000-01 academic year. He is conducting a comparative study of the condition of farms, rural communities and rural families on the northern plains of the United States with those in Korea. He is specifically looking into communications, sustainable agriculture and microbusinesses. Park, a post-doctoral appointment, earned his bachelor's degree, master's degree and doctorate in rural adult education at Seoul National University, Seoul, South Korea.

Ji Woong Cheong and his wife, Chija Kim, will join the department this summer and could remain for up to six months, according to Gary Goreham, associate professor and chair of sociology and anthropology. Cheong is a professor of community development and sociology/adult education at Seoul National University, Suwon, and Kim is a professor of education at Seoul National University, Seoul. They will be working on a variety of research projects regarding rural communities, cooperatives and farm families.

Goreham said the visiting scholars add breadth of interest in anthropological research in the region. "They certainly provide an international background to the studies that we're doing in the department," he said. "They also let the students know that the kinds of issues we're facing in North Dakota, South Dakota and Minnesota are similar to those in other parts of the world." Goreham also said the department will be working with the scholars from South Korea to develop future exchanges of faculty and students between NDSU and Seoul National University.

HPER presents faculty awards

The Department of Health, Physical Education and Recreation recently announced faculty award winners at its annual Scholarship and Awards Banquet.

Denis Isrow, professor, received the Professional Involvement Award; Donna Terbizan, associate professor, received the Teacher of the Year Award; Brad Strand, professor and chair, received the Researcher of the Year Award; and the Adviser of the Year Award was shared by Isrow and Terbizan.

Student honored by YWCA

Nicole Kahl, a fourth year architecture student from Hector, Minn., received the YWCA Woman of the Year—Student In Higher Education Award at the YWCA's banquet April 11.

Each year the YWCA solicits nominations for an outstanding woman from the Cass-Clay area who has demonstrated outstanding leadership or achievement in her field and in the community. There are 12 individual categories.

Besides serving as the head coordinator of the Volunteer Network, Kahl has been involved in several service organizations on and off campus that do service on campus and in the community. This spring she represented NDSU at the national Campus Outreach Opportunity League conference in Hartford, Conn. She is the Alumni Chair for Mortar Board, and a member of Golden Key National Honor Society, the American Institute of Architecture Students and Tau Sigma Delta Honor Society. Previously she was an active member of Libra Honor Society and Habitat For Humanity, and she has maintained a 3.6 grade point average.

NDSU student wins toothpick bridge contest

Andrew Budde, a civil engineering student at NDSU, took first place in the 26th annual toothpick engineering contest sponsored by Moorhead State University and the F-M Engineering Club. Budde won \$100 for his first place prize.

The contest, designed to teach fundamentals of engineering design, attracted 75 elementary through college students who built model span bridges out of wooden toothpicks. The object of the event is to build a model span bridge by gluing together roughly 500 round, wooden toothpicks.

The bridges had to be strong enough to support nine-inch metal weights while clearing a 22-inch span. During the contest, weights were stacked on top of each model and the one that supported the heaviest load before collapsing won.

Budde's toothpick bridge supported 140.9 pounds, or 952.5 times its own weight.

Student wins top honor at animal science meeting

Renee Hawkins, a senior from Inver Grove Heights, Minn., majoring in animal and range sciences, recently received a first place award for a presentation to the Midwest Section of the American Society of Animal Science and the American Dairy Science Association.

Hawkins received a \$300 award and a plaque from the organization at its annual meeting in Des Moines. As part of the undergraduate contemporary issues competition, Hawkins researched and presented a paper on genetically modified organisms. The activity is for students interested in researching livestock industry issues.

Hawkins recently served as manager of NDSU's Little International, a showmanship event coordinated by the Saddle and Sirloin Club that involved about 250 students. She will be interning this summer with Vigortone Ag Products, a manufacturer of vitamin and mineral premixes for livestock.

Events

Mehta to present 'last lecture'

Sudhir Mehta, professor of mechanical engineering, is scheduled to give a last lecture presentation, sponsored by the Department of Residence Life, at 7:30 p.m. Tuesday, April 25, in the Stockbridge Hall Main Lounge. Mehta's lecture is titled "There Must Be More to Life—Let's Explore It Together."

The Last Lecture Series is a program where faculty members are selected and challenged to present a lecture as though it were their last. Some relate the lecture to their academic discipline while others have focused more on personal interests, making each lecture unique for its audience.

All students, faculty and staff are invited to attend. Refreshments will be served. For questions, contact Karla Thoennes at 1-6255 or Jerry Cole at 1-3236.

Festival Concert Series to present Ostroushko, Magraw

The Festival Concert Series will wrap up its season with a concert by Peter Ostroushko and Dean Magraw. The duo is scheduled to perform at 8 p.m. Saturday, April 29, in Festival Concert Hall.



Ostroushko and Magraw have toured North America and Europe, both as soloists and together. They have been collaborating on live and recorded performances for the last decade.

The Boston Globe called Ostroushko

"one of the finest and possibly the most versatile of the current crop of multi-instrumentalists." His compositions are an ethnic mix of styles influenced by his Ukrainian heritage. His resume is filled with varied experiences, playing with musicians such as Willie Nelson and Emmylou Harris, and making appearances on programs including *Prairie Home Companion*, *The David Letterman Show* and *Mr. Rogers' Neighborhood*.

Magraw is an accomplished guitarist whose mix of folk and jazz is influenced by music from India to the British Isles. *Acoustic Access* magazine calls Magraw "amazing" and "astonishing." The *Chicago Tribune* said he is capable of "creating an aura of introspection, even when the playing burns red hot." His performing experiences also span a spectrum of styles. He has performed with classical violinists and chamber orchestras, and bluegrass, jazz and traditional Irish musicians.

Tickets for the concert are available through the Memorial Union Ticket Office and Ticketmaster. Prices are \$13 for adults, \$10 for senior citizens and NDSU employees, \$6 for students and children and \$5 for NDSU students.

Internet entrepreneur to address technology conference

Gene Hoffman Jr., a 24-year-old who founded Emusic.com, will speak at the second annual "Telecommunications Technology in North Dakota" conference Wednesday, May 31, at NDSU. Scheduled from 9 a.m.-5 p.m., the conference, sponsored by Sen. Byron Dorgan, is free and open to the public.

Hoffman recently was named to Forbes magazine's "E-gang" list of the most successful innovators of the new digital revolution. In the past year, the young chief executive officer raised more than \$90 million for his Web-based company, acquired RollingStone.com and testified before Congress on Internet issues. Hoffman, who heads a 190-person company, will talk about the digital economy and share with conference participants opportunities that exist for rural states like North Dakota.

"I've organized this conference to look at how we can use technology in our businesses, in our schools, in our hospitals and in our everyday lives to enhance our quality of life and to increase economic development in our state," Dorgan said. "The Internet offers enormous economic opportunity for North Dakota and other rural states."

The conference also will include workshop sessions on how the Internet offers opportunities in e-commerce, education, health care and other areas. Dorgan noted a special workshop for senior citizens interested in learning how to use computers and the Internet.

New this year, Dorgan said, will be a technology products demonstration by the Consumer Electronics Association, organizers of the world's premiere consumer technology show. The demonstration will feature several award winning products introduced at this year's show.

Joining Dorgan in organizing the conference are NDSU, the Information Technology Council of North Dakota, Red River Trade Council and the University of North Dakota.

North Dakotans and others can register online at www.ttnd.org or by calling 1-7015 or toll-free at 1-800-726-1724.

Architecture/landscape architecture projects to be displayed in Gallery

A preview of projects by 53 graduating architecture and landscape architecture students is scheduled to be exhibited April 18-19 in the Memorial Union Gallery and Alumni Lounge. A reception, sponsored by F-M Architects is planned for 4-6 p.m. Wednesday, April 19.

The students' projects chosen as finalists in the design competition will have their work exhibited in the Gallery April 20-May 13. An awards reception is scheduled for 4-6 p.m. Friday, May 5, at the Gallery. Funding for the exhibit is provided by NDSU Student Government.

Gallery hours are 9:30 a.m.-6 p.m. Monday-Thursdays; 9:30 a.m.-1 p.m. Fridays; and 11 a.m.-2 p.m. Saturday, May 13.

Nursing faculty to present at assessment luncheon

All NDSU faculty are invited to participate in a luncheon at 11:45 a.m. Tuesday, April 25, in the Memorial Union Prairie Rose room. It will recognize faculty from the Department of Nursing for their continuing excellence in assessment activities and to learn about their assessment practices.

After a create-your-own-fajita buffet, nursing faculty will discuss "Departmental Assessment: Asset or Affliction." This short presentation will be followed by a question and answer session to provide an opportunity for participants to learn more about the assessment activities conducted by the faculty in the Department of Nursing.

Copies of "Classroom Assessment Techniques: A Handbook for College Teachers," by Thomas Angelo and K. Patricia Cross, will be available for departments that did not receive a copy at the initial assessment luncheon March 23. This book is a standard reference, featuring 50 assessment techniques; examples of classroom use are provided for each of the techniques.

Participants are asked to pre-register for the luncheon by noon Thursday, April 20. Contact Bonnie Erickson at 1-8262, or boericks@badlands.nodak.edu to register. The luncheon is sponsored by the University Assessment Committee as part of a series of events made possible by the grant from the Bush Foundation.

AIA fellow to present architecture seminar

Jeffrey A. Scherer, fellow of the American Institute of Architects and president of Meyer, Scherer and Rockcastle, Minneapolis, is scheduled to present "Doing, Being, Knowing and Feeling: The Art of Renewal in the Practice of Architecture" at 4:30 p.m. Wednesday, April 26, in Loftsgard 114.

The lecture will focus on the guiding principles of Meyer, Scherer and Rockcastle and how they are put into the real world of architectural practice.

"Our work will be used to illustrate our commitment to the design principle of 'accessible meaning,'" said Scherer, who is a consultant working with a planning group of the Fargo Public Library. "This meaning is the inner essential significance of what is built, its value to people and its expressiveness. By accessible we mean that the meaning readily connects to people."

Issues covered the lecture will include the management of design in a service company, the integration of a mission statement into the practice of architecture and understanding the role of mentorship in the creation of architecture.

NASA scientist and CDC disease detective to speak at Hot Zone event

A NASA scientist and a former disease detective from the Centers for Disease Control will highlight NDSU's Hot Zone event April 28.

The event opens at 11 a.m. in NDSU's Festival Concert Hall with an address by Lyle Conrad, a Jamestown native who became one of the world's pioneers in tracking down and containing epidemics. From noon to 1:30 p.m., lunch will be served on the Plaza of the Reineke Fine Arts Center and visitors can visit the Hot Zone Bizarre Bazaar, a light-hearted look at science through a collection of displays featuring weird science, biological curiosities, biological threats and NDSU research.

At 1:30 p.m., Alexander Dunlap, a medical doctor and veterinarian who served as a scientist for NASA, is scheduled to speak in Festival Concert Hall.

NDSU's veterinary and microbiological sciences department hosts the annual Hot Zone event to highlight biological research and issues. For more information on participating in the Bizarre Bazaar, contact Steve Foley at 1-8591.



Conrad

Conrad gained his first experience in tropical medicine as a volunteer with the newly formed Peace Corps in 1962, where he established a program of preventive medicine for volunteers in Nigeria. After studying epidemiology and infectious diseases at Harvard university, he joined the U.S. Centers for Disease Control where he established the agency's epidemiology field services division. Over his 28-year career, Conrad trained more than 500 medical epidemiologists in field epidemiology and participated in studies of outbreaks in 27 countries, including smallpox in Nigeria, cholera in Bangladesh, malaria in Nepal, typhoid and anthrax in Haiti, measles in Puerto Rico, Lassa fever in Nigeria and Marburg in Zimbabwe. He also taught epidemiology to health professionals around the world including those in the former Soviet Union. Since his retirement from the CDC in 1995, Conrad has consulted on epidemiology internationally.



Dunlap

Dunlap is finishing his medical training at the University of Tennessee. He took a leave of absence from that program in 1991 to serve at NASA. During his time there he served as project veterinarian, team member or support scientist for several space shuttle missions. In those positions he supported life science research carried out on shuttle flights. As a payload specialist alternate for the 1996 Neurolab shuttle flight, Dunlap and other scientists cooperated closely with researchers in space to conduct 26 life science experiments focusing on the effects of microgravity on the brain and nervous system. Before beginning his studies in human medicine, Dunlap earned his degree in veterinary medicine from Louisiana State University and was a practicing veterinarian.

American Indian artwork to be featured in Alumni Lounge

The American Indian bead and quill work of Sheila Sears Degrugillier, a genetics lab technician at the USDA laboratory on campus, will be on display in the Memorial Union Alumni Lounge during the month of April.

Degrugillier has spent the last 25 years interested in genetics, art and archaeology. Her interest in American Indian art and archaeology led to the accumulation of stone and beaded artifacts. Though an interest in genealogy, she discovered that her Grandfather Sears was a member of the Mohawk nation.

Twelve years ago she began learning the traditional American Indian crafts, including the preparation of animal hides for clothing and storage containers. Later she began doing beadwork and parfleche painting. Degrugillier apprenticed with master quillworker, Mary Elk of New Town, N.D., to learn the art of porcupine quill work on leather.

"My beadwork, parfleche painting and quillwork represent how I feel about the world around me—its plants and animals. I use traditional styles and techniques, often incorporating American Indian symbolism in my art," she said. "I make my own designs. Some specific designs such as the 'wampum' border on beadwork and the 'virtues' diamond on parfleche containers are used on items made only for my immediate family."

Student pharmacy chapter to be inducted into national organization

The newly-formed NDSU student chapter of the National Community Pharmacists Association (NCPA) will be inducted into the national organization at 4 p.m. Wednesday, April 26, in the Alumni Center Crary Lounge.

Speakers at the ceremony will be Tony Welder, member of the NCPA Executive Committee and owner of Dakota Pharmacy, Bismarck; Galen Jordre, executive vice president of the North Dakota Pharmaceutical Association; and Charles Peterson, dean of the College of Pharmacy.

Kristina Boostrom, resident in the North Dakota Institute for Pharmaceutical Care, organized the NDSU chapter with assistance from Jayme Steig, second-year PharmD student. Boostrom said the goals of the organization are to inform its members of developments in the pharmaceutical industry, provide them with options in independent pharmacy and to expose them to unique pharmacy practice settings. The chapter also plans to create a program in which students will "shadow" an independent pharmacist for a day.

The chapter's officers are: Steig, president; Katie Steinke, first-year PharmD, president-elect; Kristine Pederson, second-year PharmD, secretary; and Daniel Gwynn, second-year PharmD, treasurer.

The NCPA, located in Alexandria, Va., represents the professional interests of the owners, managers and employees of nearly 25,000 independent pharmacies to the federal government and its agencies. Its student outreach program was launched in 1987 to assist schools of pharmacy and inform students about career opportunities in independent community pharmacy.

McNair scholars to present research

The McNair Scholars 11th annual Research Presentation Day is scheduled for April 27, at the Alumni Center. The day is an opportunity for NDSU's McNair scholars to present their research. A schedule of the presentations follows:

8:30 a.m.	Cherish Brown	"Geomagnetic Anomalies"
9 a.m.	Jeffrey Sell	"The Costs of an Exotic Parasite on an Endangered Fish"
9:30 a.m.	Jacob Velde	"Initial Design and Construction of Unique Problem Solving Systems and Components"
10 a.m.	Marissa Wisdom	"Quantitative X-Ray Diffraction Analysis of Coal Combustion By-Products"
10:30 a.m.	Heather Krein	"Levels Effect of Collaborative Recall"
11 a.m.	Scott Reule	No title available
11:30 a.m.	Scott Peterson	"Palladium, Balanol, Sugars and the McNair Program"
12:30 p.m.	Todd Sherwood	"Prostate Cancer and its Spread"
1 p.m.	D.J. Klocke	"Molecular Cloning of the Introns of the Ornithine Decarboxylase Gene of Musca Domestica"
1:30 p.m.	Kirk Hartel	"Development of Microsatellite Molecular Markers for Analysis of Wheat Stem Sawfly Genetic Diversity"
2 p.m.	Shannon Bennett	"Determining the Function of the Feline Calcivirus Open Reading Frame 3 Protein Product"
2:30 p.m.	Benjamin Peake	"PCR Analysis of the Virulence factors k99 and iss in Bovine E. Coli Isolates"

The McNair program is designed to prepare upper division students for successful participation in graduate education, achievement of a doctorate and attainment of a professional position in an institution of higher learning. Students participating in the program receive a monthly stipend while engaged in active research during the year.

Enrollment in the program is limited to 25 students. The McNair Program is a federally funded TRIO program that operates within the Division of Student Affairs.

Student leadership reception planned for April 26

The fourth annual Student Leadership Recognition Reception is scheduled for 5-7 p.m. Wednesday, April 26, in the Memorial Union Dakota Ballroom. A 30-minute program is planned for 5:30 p.m.

The featured speaker will be NDSU alumna Cyd Runsvold. Awards will be presented in the following categories: "Who's Who Among Students in American Colleges and Universities," outstanding individual volunteer and organization volunteers, outstanding academic and organization advisors, best educational, social, cultural, and community service programs and outstanding student leader.

The reception was developed to recognize the contributions of student leaders to NDSU and the community. The reception is sponsored by the Memorial Union Student Activities Office. For more information contact Shari Ellertson, assistant director for organizations and Greek life, at 1-8242.

Shorts and Reminders

Union Food Court specials April 19-26

The Corner Deli

Wednesday: roast beef

Thursday: ham

Friday: closed

Monday: chicken

Tuesday: pastrami

Wednesday: roast beef

More Than a Burger

Wednesday: breaded chicken

Thursday: 1/4 pound cheeseburger

Friday: closed

Monday: 1/4 pound cheeseburger

Tuesday: chicken poppers

Wednesday: broiled chicken

A La Carte

Wednesday: barbecued pork on bun

Thursday: hand-carved ham

Friday: closed

Monday: hot ham and cheese wraps

Tuesday: hand-carved roast beef

Wednesday: pasta bar

Soup of the Day

Wednesday: minestrone

Thursday: chicken rice

Friday: closed

Monday: vegetable beef

Tuesday: baked potato

Wednesday: vegetable, wild rice, chili beef

*Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 to check out daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kim or Kristina at the Union Buffet at 1-8122.

Positions available

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

Data Entry/General Office Clerk/#0686
Registrar's Office
\$17,600+/year
April 21

Payroll Specialist/#4561
Payroll
\$17,600/year
May 1

Equipment Operator/Delivery Driver/#0648
Physical Plant
\$16,640 minimum/year
April 19

Bindery Specialist
Document Publishing
\$15,500 minimum/year
May 3

Agricultural Research Technician/#4543
Plant Pathology
\$2,055 minimum/month (nine-month position; April-Nov.)
April 24

Seedstocks Specialist/#1644
Carrington Research Extension Center
\$25,000 minimum/year plus residence included with position
April 20

Research Specialist/#4617
Central Grasslands Research Center, Streeter, N.D.
Salary commensurate with experience
May 1

Position openings also are available through the NDSU Web site at www.ndsu.nodak.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/ndsuzer/resadmin.html and click on "Funding Opportunities."

**National Science Foundation (NSF)
Program for Gender Equity in Science, Mathematics,
Engineering, and Technology (SMET)**
www.nsf.gov/pubs/1999/nsf9925/nsf9925.htm

This program is committed to bringing about the needed change in education, and academic and professional climates to develop interest, knowledge and involvement of girls and young women in SMET. Projects include:

Small Experimental Projects
Deadline: May 1

Up to \$100,000 for up to 18 months for projects directed to critical transition points that facilitate or hinder the successful

participation of women and girls in SMET education from grade school to graduate school and on to careers.

Information Dissemination Activities

Deadline: None

Up to \$75,000 for symposia, workshops, conferences and up to \$100,000 for other types of activities for up to 18 months.

**American Educational Research Association (AERA)
AERA/Spencer Pre-Dissertation Fellowship Program**
www.aera.net

Deadline: May 8

The AERA, in partnership with the Spencer Foundation, invites doctoral students in educational research to apply for two fellowship programs: 1) the one-year program awards up to \$16,000 plus \$4,000 in travel funds for professional development activities, and 2) the travel fellowships award \$4,000 to students who receive financial support at their home institutions and wish to take part in professional development activities. Applicants must be U.S.-based full-time doctoral candidates who are approximately midway through their program but have not begun work on their dissertation.

**Horticulture Research Institute
Grants Program**

www.anla.org/research

Deadline: May 15

The Horticulture Research Institute (HRI) is committed to directing, funding, promoting and communicating research that increases the quality and value of plants, improves the productivity and profitability of the nursery and landscape industry, and protects and enhances the environment. HRI-supported projects focus on a significant problem or opportunity of the nursery and landscape industry, encourage environmentally responsible management practices, increase nurserymen's business or financial expertise or improve and expand the market for plant material. The priorities for this year's projects are crop production strategies, marketing/consumerism, pest management strategies, post-production practices, production/operational efficiency and resource/waste management.

**Department of Agriculture (USDA)
Cooperative State Research, Education, and Extension
Service (CSREES)**

**Initiative for Future Agriculture and Food Systems
(IFAFS)**

www.reeusda.gov/ifafs

**Deadline: May 22 (NOTE: this is an extension from the
previous May 8 deadline)**

The purpose of the IFAFS is to support research, education and extension grants that address critical emerging agricultural issues related to 1) food production, 2) environmental quality and natural resource management or 3) farm income. Priority will be given to projects that are multi-state, multi-institutional or multidisciplinary or projects that integrate agricultural research, extension and education. Also, in support of the agency's goals to enhance the competitiveness and sustainability of U.S. agriculture, consideration also will be given to projects that incorporate an international dimension with demonstrable domestic benefits. In general, programs within IFAFS can bring the agricultural knowledge system to bear on issues impacting small- and mid-sized producers and land managers, enabling improvements in quality of life and community. Priority areas for this initiative include: agricul-

ture genome and agricultural biotechnology; food safety, food technology and human nutrition; new and alternative uses and production of agricultural commodities and products; natural resource management, including precision agriculture; and farm efficiency and profitability, including the viability and competitiveness of small- and medium-sized dairy, live-stock, crop and other commodity operations.

Calendar

April

Through April 28 Baccalaureate photography exhibition by Melanie Brown, Reineke Visual Arts Gallery

19 Architecture and Landscape Architecture—W. Dale Ruff, AIA, "Viking Gothic Churches and a Replica Dream Realized," 5:30 p.m., Loftsgard 114

19 USDA-ARS—Rob Sabba, "Characterization of BY-2 Tobacco Cells Habituated to Cellulose-Inhibiting Herbicides," 10 a.m., Northern Crop Science Lab, large conference room

20 Chemistry—Sajan P. Joseph, Lilly Research Labs, "N-Acyldihydropyridines in alkaloid synthesis," 3:45 p.m., Dunbar 152

20 USDA-ARS—Joe Bowers, synthesis chemist, Gulf Coast Laboratory Corporation, Ocean Springs, Miss., "Assorted Drug Syntheses," 10 a.m., Biosciences Research Lab, large conference room

21 Holiday/recess, no classes, offices closed

24 Holiday/recess, no classes, offices resume normal business hours

26 Jazz Ensembles concert, 8 p.m., Festival Concert Hall

26 Architecture and Landscape Architecture—Jeffrey A. Scherer, FAIA, president, Meyer, Scherer & Rockcastle, Ltd., "Doing, Being, Knowing and Feeling: The Art of Renewal in the Practice of Architecture" 4:30 p.m., Loftsgard 114

27 Varsity Band and Brass Ensemble concert, 8 p.m., Festival Concert Hall

28 Psychology—Graduate students presentations, 3:30 p.m., Minard 209

28 History—Dan Simone will discuss his prospectus for a master's thesis on a history of automobile racing in the Fargo-Moorhead area, 3 p.m., Minard 407

29 Festival Concert Series presents Peter Ostroushko and Dean Magraw, 8 p.m., Festival Concert Hall

30 Spring Choral Pops concert, 2 p.m., Memorial Union Ballroom

May

2 Gold Star Concert Band concert, 8 p.m., Festival Concert Hall

3 Spring Gala Performance, 7:30 p.m., Festival Concert Hall; followed by dessert reception

4 Inaugural ceremony of President Joseph A. Chapman, 10 a.m., Festival Concert Hall

4 Inaugural dinner, 7 p.m., Ramada Plaza Suites; \$25 per guest

4 Inaugural dance, 9 p.m., Ramada Plaza Suites; open to all

4 Chemistry—Mark Soucek, "Cycloaliphatic Epoxide Crosslinkable Core-Shell Latexes: A New Strategy for Waterborne Epoxide Coatings," 3:45 p.m., Dunbar 152

5 Last day of classes

5 Psychology—Graduate students presentations, 3:30 p.m., Minard 209

5 Spring Ceramic Sale, noon-6 p.m., Art Building

5 PEARS and Student Print Sale, noon-6 p.m., Art Building, room 103

8-12 Final exams

12 Surplus sale, noon-2 p.m., Auxiliary Enterprises building

13 Commencement

15 On-site registration for standard four-week summer courses

16 Classes begin

29 Memorial Day, administrative offices closed, no classes

June

9 Last day of four-week classes

12 On-site registration for standard eight-week summer courses

12-17 PEARS Printmaking Workshop, "Traditional Plate Lithography," Art Building, room 103

13 Classes begin

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