

Stover is dean of Human Development and Education for a day

Kara Stover, a sophomore majoring in food and nutrition, won the first Dean Switch Day raffle in the College of Human Development and Education and assumed Dean Virginia Clark's responsibilities on March 1. The raffle was



Virginia Clark, dean of human development and education, takes notes in class after trading places with sophomore Kara Stover for a day.

sponsored by the Dean's Student Advisory Council to raise money for a student organization in the college.

While Dean Stover met with the Dean's Advisory Committee and candidates for director of NDSU Libraries and NDSU's vice president for research, creative activities and technology transfer, student Clark attended an organic chemistry class, took an exam in the principles of nutrition and a quiz in food sanitation. At the end of the day Stover and Clark exchanged notes, and Stover made up the exam and quiz the following day.

"It's two totally different worlds, going from the life a student one day to the life of an administrator the next," said Stover, who plans to work as a dietitian and to one day become an administrator in a clinical setting. "It was really exciting, because I was able to see where I may be some day. Being an administrator is not as easy as it sounds."

"This is a good idea for anyone who is not regularly in the classrooms, just to watch the students and have some interaction with them in their classes," Clark said. "It would even provide a different perspective for faculty than when they are conducting a class."

One of Stover's many responsibilities was to select a student organization to receive the funds raised through the raffle. She granted it to the Fashion, Apparel and Business Organization, which is conducting a community service project to create baby quilts for limited resource families at MeritCare Medical Center in Fargo.

More volunteers needed for "Expanding Your Horizons"

Volunteers are still needed for the "Expanding Your Horizons" conference scheduled for April 15, at NDSU. Volunteers are needed in a variety of areas from 8 a.m. to 3:30 p.m.

The program offers more than 800 junior high school girls the opportunity to participate in a series of hands-on workshops offered by women.

For more information contact Karen Murie, project coordinator, at 1-8638 or kmurie@prairie.nodak.edu.

Next Issue

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NDSU forms available on the Web

The ITS Web Development Team has completed its initial work to make a wide variety of NDSU forms available on the Web. Beginning March 15, forms used in conjunction with the following offices will be available electronically: the Equal Opportunity Office, the Office of Human Resources, the Payroll Office and the Office of the Vice President for Academic Affairs. Forms used in conjunction with the Accounting Office have been previously available. In many cases, hard copies of the forms will no longer be provided.

All of the forms may be accessed from the faculty and staff section of the NDSU home page or directly at www.ndsu.edu/forms. Forms used by each of the offices also may be accessed from the individual office home pages.

Many of the forms are available in PDF, on-line Web and a wordprocessing/spreadsheet format (Word, WordPerfect and/or Excel). Forms in the PDF format will require Acrobat Reader 4.0 which may be downloaded from the forms page as well as the NDSU ITS site. The PDF and on-line Web formats allow users to complete the forms on-line and either print them (PDF) or submit them (on-line WEB). Forms in the wordprocessing/spreadsheet formats require that users have the appropriate software; these forms can be downloaded to the user's computer and be completed, printed and saved there for future editing or reuse.

Individuals using the wordprocessing/spreadsheet formats should avoid the following:

- 1) editing the downloaded forms when completing them;
- 2) using electronic forms other than the ones on the Web
- 3) using older versions of the Web forms (the appropriate offices will update the electronic forms from time to time; those who use the downloaded forms should check the date of the form on the Web to be sure they are using the current version).

Only the forms—as they appear on the Web—will be accepted for use by the offices noted above.

Users who experience technical difficulty with a form may contact the ITS HelpDesk at 1-8685. For questions concerning form content, users should contact the appropriate office electronically from the forms page. Other offices that provide forms for institution-wide use may contact Nancy Lilleberg at 1-7140 or nancy_lilleberg@ndsu.nodak.edu to arrange for electronic formats for those forms.

Grad school updates Web address

The NDSU Graduate School has changed its Web site address as a step in upgrading its site. The new address is www.ndsu.edu/gradschool/. The Graduate School would like all departments to update any links to the site and any printed materials with the URL address.

The Graduate School also has obtained a new fax number and would like departments to update this on any lists as well. The fax number is 1-6524.

For additional information call 1-7033.

Student engineering project to help man with multiple sclerosis

A project by NDSU students will give a multiple sclerosis sufferer a chance to expand his world.

The device, developed by three students in the electrical and computer engineering senior design course, allows the user to see people at his front door and to communicate with them. The system combines a voice-controlled computer system, customized audio equipment and a video camera near the door.

“The design team came up with a video capture system that is activated by a motion sensor. When somebody comes to the door, the user sees a picture of him or her on his computer screen. His computer is voice controlled and it has an intercom system that is voice activated. So, he's able to see the individual and talk to him if he wishes,” explained Mike Palmer, staff technician and consultant on the project. “It gives him eyes to the outside and some portability in terms of who he can interact with.”

The recipient is Larry Sharpe of Las Vegas, Nev. What makes this project especially significant to Palmer is that he served in a Navy electronic reconnaissance squadron with Sharpe in 1968-69 and has kept in contact with him through the years.

“I feel really good about it. You always like to do things to help people if you can and that's what I think my job here at NDSU is all about,” Palmer said. “It's gratifying to help an old friend in need.”

For the students who designed and built the system, the project was an important and worthwhile learning experience. “There is a great deal of satisfaction,” said senior Andrew Wojtalewicz, who went to Lac Qui Parle Valley High School in Appleton, Minn. “We're not just developing an electronics system; we're helping someone out. That's the bottom line in this. I'm very confident that it will be a successful project.”

Fellow senior Dan Newton, a native of Belfield, N.D., said the project has helped the students be better prepared for the job market, but he emphasizes that the main reason the students enjoyed the project was knowing it would be an important tool for Sharpe. “It's satisfying because there is someone on the other end who is waiting for it,” he said. “It's nice knowing it's not going to sit on a shelf somewhere.”

Senior Jason Weiers of New Prague, Minn., said, “We learned to meet the needs of the real world and a methodology on problem solving. Once I see our client use the system, it will feel good to know we've accomplished something.”

The senior design project is part of a capstone course, where students are expected to use their knowledge from previous courses to develop successful solutions to real world problems.

“The importance of this work is to relieve the need for caregivers to be continuously available for tasks that occur occasionally,” said Floyd Patterson, associate professor of electrical and computer engineering. “It also allows greater independence for the individual in actually controlling his activities and interactions.”

The students and Palmer planned to travel to Las Vegas March 13-17 to install the equipment in Sharpe's home.

Funding for the project was provided by the National Science Foundation under the Biomedical Research to Aid the Disabled program.

Switch to electronic delivery of mainframe reports underway

In an effort to save paper, time and money, mainframe reports are beginning to be delivered by PageCenter, a report management system. The new method allows mainframe reports to be delivered electronically to a department's mailbox instantaneously upon completion of the mainframe processing. The reports can then be viewed, searched, copied to an electronic spreadsheet, printed or stored for later use. PageCenter also has the ability to instantaneously decollate and distribute the various parts of a report to the appropriate departments.

Ten sessions of PageCenter training for the PC have been completed. Macintosh training will be available soon and will be announced on the PageCenter e-mail list.

"We want to make the implementation of PageCenter a good experience for the NDSU campus," said Rosi Kloberdanz, associate director of ITS. She and Jean Ostrom-Blonigen, internal auditor, are co-chairs of the administrative print committee, which is overseeing the project.

The committee meets monthly and is in the process of establishing priorities for PageCenter conversion. The Fund Summary and Fund Transaction reports are already available through PageCenter and will no longer be routed in a printed format beginning July 2000. As other reports are moved to PageCenter, the printed version will continue for two to three months. Announcements regarding when printed reports will be discontinued will be made to the PageCenter e-mail list.

Other agenda items for the committee include establishing retention schedules for PageCenter reports. Currently, individual departments have no retention requirements regarding most mainframe reports and should be retaining copies only for departmental management purposes. Announcements regarding report retention will be made to the PageCenter e-mail list. Specific questions regarding retention requirements should be directed to Ostrom-Blonigen.

"The emphasis on using mainframe reports via PageCenter will be on viewing rather than printing," Ostrom-Blonigen said. "If departments choose to print their report pages, they may use their departmental printer. In certain instances, such as within the central offices, when 50 or more pages are to be printed in a block, the department may choose to utilize the Document Publishing Center's docutech."

According to Kloberdanz, the committee recognizes that certain mainframe reports will still need to be printed due to their usage requirements. Examples may include effort certifications and fixed-asset inventory reports. For these reports, it is anticipated that the central office running the report will pay the printing costs. For the examples listed above, Restricted Fund Accounting and Accounting Office, respectively, are the central offices involved. In this case, a cost analysis by the Controller's Office, in cooperation with the internal auditor, will determine if any funds need to be transferred internally to the central offices to pay these costs.

For more information regarding PageCenter training, see www.ndsu.nodak.edu/accounting/guidelines/pagecenter/pagecenter.shtml. PageCenter problems should be reported to Kloberdanz at 1-6396 or Ostrom-Blonigen at 1-9413.

Grant allows NDSU to join international engineering consortium

A \$209,000 federal grant was recently awarded to aid in the formation of a consortium between NDSU and five other North American Universities. The program is designed to help prepare engineering students to function effectively in the international business climate fostered by the North American Free Trade Agreement.

Faculty at NDSU began work on the proposal in the fall of 1999. In January, NDSU and its partners, California State University, Chico; the University of Manitoba; the University of Saskatchewan; the University of Zacatecus, Mexico; and the University of Yucatan, Mexico, submitted a joint proposal to the Fund for the Improvement of Post-secondary Education (FIPSE)/Program for North American Mobility in Higher Education. The project, titled "Alliance for North American Mobility in Engineering," was granted in February.

The purpose of FIPSE grants is to promote a student-centered, North American dimension to education and training in a wide range of academic and professional disciplines.

Initial activities proposed for the project include the development and delivery of courses, via the Internet and virtual classrooms, for engineering students in participating institutions. These courses will combine, in an audio-visual format, English or Spanish language training and evaluation, with an introduction to foreign industrial culture.

Following the classroom experience, an exchange of a minimum of 48 engineering students among the three countries, 16 per country, is planned; more will be interchanged as fund availability permits. Students will spend one or two semesters in academic residence and four to eight months in industrial internship in a country other than their own.

Federal funds in the amount of \$209,992 were awarded for the project, payable over a four-year period, which corresponds to approximately 56 percent of the total cost of the United States' part of the project (\$373,119). Approximately 24 percent of that amount, or \$89,300, is expected to come from private sources and the remaining 20 percent, or \$73,827, corresponds to matching funds (release time, waiver of overhead, etc.) from the U.S. universities. In addition to this funding, the Canadian and Mexican governments will provide their participants with CN\$160,000 and 500,000 pesos, respectively.

Each of the three countries has a project director; Orlando Baiocchi, chair and professor of electrical and computer engineering at NDSU, is the project director for the United States. Co-partners for the project from NDSU are Robert Pieri, chair and professor of mechanical engineering; G. Padmanabhan, chair and professor of civil engineering; Nancy Olson, assistant director of continuing education; and Virginia Packwood, director of international programs.

People

Agriculture faculty, staff honored for exceptional service

Thirty-four agriculture faculty and staff were recognized for their service during a recognition and awards program March 1. The individuals were nominated by their colleagues or co-workers. A \$500 honorarium was given to individual award winners in each category.

Charles and Linda Moses Professional Staff Award for Excellence



Egeberg

Roger Egeberg has been a programmer analyst with agriculture communications in the computer services unit since 1984. His responsibilities include developing Web and PC-based software applications to meet the needs of faculty and staff. He also serves as systems administrator for several server systems that support e-mail and Web and database activities of the College of Agriculture.

Rick and Jody Burgum Technical Staff Award for Excellence



Moos

James Moos started his career at NDSU as a lab equipment mechanic in 1975. He is now a maintenance mechanic providing technical support for faculty members in agriculture and biosystems engineering. He provides technical support, constructs, repairs, modifies and tests field and lab equipment, monitors research projects and collects and enters data.

Donald and Jo Anderson Clerical Staff Award for Excellence



Arnott

Donna Arnott began her NDSU career as an administrative assistant in 1992. Her role was expanded in 1994 with the start of joint research/extension leadership at the North Central Research Extension Center. She serves as assistant to both the center director and the northwest district extension director, balancing missions and duties of both research and extension.

Excellence in Teaching Award, Early Career



Bauer

Since joining the animal and range sciences faculty in 1996, Marc Bauer has taught a variety of animal nutrition courses at both the undergraduate and graduate levels. He had limited teaching experience when he came to NDSU, but demonstrated strong classroom skills as noted by high marks for both course quality and instructor ability in course evaluations.

H. Roald and Janet Lund

Excellence in Teaching Award, Senior Career



Meyer

Dwain Meyer joined the NDSU faculty in 1970 and started teaching forage crop production the same year.

He has taught several other courses as well and has developed a field experience course that allows students to gain insight into the professional work environment.

Larson/Yaggie Excellence in Research Award, Early Career



Elias

Elias Elias has been the durum wheat breeder at NDSU since 1990.

He is the only public durum breeder in the U.S. responsible for developing improved durum wheat cultivars acceptable to producers in North Dakota and the region.

Eugene R. Dahl

Excellence in Research Award, Senior Career



Koo

Won Koo joined the agricultural economics faculty in 1981 and has established himself as one of the nation's top economists working in the agricultural trade area. Addressing the continuing debate surrounding bilateral trade agreements between the United State and Canada, he has provided timely advice on the impact of world markets and the alternative trade policies that affect the agricultural sector

of the Northern Great Plains.

Excellence in Extension Award, Early Career



Lardy

Greg Lardy joined the NDSU faculty in 1997, voluntarily starting work several days before his official start date to help prepare materials needed to deal with the effects of the severe winter of 1996-97. He was instrumental in securing grant funding to support the very successful Beef Quality Assurance Program, which has certified more than 900 producers.

AGSCO Excellence in Extension Award, Senior Career



Hughes

Harlan Hughes came to NDSU to provide extension leadership in livestock economics in 1985. His top priority educational program has been writing and publishing the biweekly Market Advisor column, teaching producers and ag professionals how to integrate economic concepts and analyses into their day to day production decisions.

Richard Lyons, professor emeritus of English, dies

Richard E. Lyons, professor emeritus of English, died Jan. 29. He was 79.

A native of Ohio, Lyons earned bachelor's and master's degrees from Miami University, Oxford, Ohio, and joined NDSU's faculty in 1950.

Lyons was an accomplished painter, photographer, playwright and poet. His poems appeared in numerous books, chapbooks, anthologies and popular publications, including the *Quarterly Review of Literature*, *The Kenyon Review*, *The New Yorker*, *The Paris Review*, "Dacotah Territory" and "Heartland II: Poets of the Midwest."

Early in his career at NDSU, Lyons worked closely with the Institute for Regional Studies, helping to investigate the culture, history and heritage of North Dakota. To encourage writers in the state, Lyons urged the institute to publish a series of poetry chapbooks. He was the author of the first book and editor of the series.

He also traveled the state and photographed the work of North Dakota artists, and the slides remain in the institute's holdings. Based on that project, he organized several art exhibitions for the institute, including four one-person shows of North Dakota painters. In 1961, he began a three-year study of art consumers in the state, and his results were published in the 1965 book, "Paintings in Taxicabs."

In 1969 Lyons read his poem, "Garden of the (Dead) Gods," at Nekoma, N.D., during a protest of the installation of an anti-ballistic missile system there. The poem received widespread attention when it was published in the June 15, 1970, issue of the weekly magazine *The Nation*. In 1972 the poem was included in "Enough of Dying!" a collection of stories, essays, letters, plays and poems pleading for peace. The anthology included writings by Malcolm X, Bertrand Russell, Albert Camus, Allen Ginsberg and others.

Lyons retired from NDSU in 1982 and moved with his wife, Marjorie, to Newark, Del. She died in 1983. In 1994, he moved to Gardiner, Maine, where he continued to write and publish poetry. He is survived by two children and four grandchildren.

Ary receives health education award

Judy Ary, lecturer of health, physical education and recreation, recently received the Health Educator of the Year College/University Award from the central district of the American Alliance for Health, Physical Education, Recreation and Dance. She received the award at the annual district conference held in Omaha, Neb., and will be recognized at the group's national conference in Orlando, Fla.

Her courses at NDSU include Personal and Community Health, Lifetime Fitness, Methods of Teaching Health Education and Organization and Administration of Health Education. She coordinates the health education minor and the Lifetime Fitness course and advises all health education minors and a portion of the corporate and community fitness majors. Ary has participated on the President's Commission of Alcohol and Other Drugs, on faculty search committees and as a faculty mentor for a residence hall. She also has participated in writing new health curriculum standards for both K-12 and for higher education accreditation through the North Dakota Department of Public Instruction.

Ary received the HPER department's Teacher of the Year Award and has been twice nominated to "Who's Who Among America's Teachers." The North Dakota Association of Health, Physical Education, Recreation and Dance awarded her with its University Health Educator of the Year Award.

Events

NDSU Spring Clean-up to be May 1

The sixth annual NDSU Spring Clean Up has been scheduled for Monday, May 1. Faculty, staff, students and alumni volunteers will participate in the campus clean-up project, which is sponsored by the Alumni Association, Physical Plant and the NDSU Dining Services.

Registration will begin at 2 p.m. with volunteers gathering at the Memorial Union East Patio for crew and location assignments. Following the clean-up, workers may reconvene at the East Patio beginning at 4 p.m. for hotdogs, chips and pop. Door prizes will be given away at the meal.

NDSU faculty and staff who will be helping with spring clean-up will be dismissed from 2 p.m. to 5 p.m. However, university offices must remain open and classes will remain in session during clean-up. Participating employees will not have to take personal time off, but any NDSU employees not helping with clean-up efforts must finish working their regularly scheduled hours.

In case of inclement weather May 1, the clean-up will be held Tuesday, May 2. For more information contact Liz Christianson at the NDSU Alumni Association at 1-6800. Watch future editions of *It's Happening at State* for more details.

Summer printmaking workshop planned

NDSU's Printmaking Education and Research Studio (PEARS), along with the Memorial Union Gallery, has planned a plate lithography workshop with master printmaker Wayne Kimball. The workshop, "Traditional Plate Lithography," will be offered June 12-17 in the printmaking room of the Art Building.

Participants will receive in-depth, comprehensive instruction on plate lithography, from plate preparation to processing. Special topics planned include salt etches, toner washes, modifiers, multicolor plate work and fountain solutions.

Registration is limited to 15 participants and is on a first-come, first serve basis. For more information on the workshop, contact Kent Kapplinger at kkapplin@badlands.nodak.edu or call 1-8239.

Cater to speak on civility

Catherine Cater, professor emeritus of English, is scheduled to present "Whatever Happened to Civility in Word and Deed? Do We Need to Learn New Manners?" at noon Wednesday, March 22, in the Memorial Union Cul de sac Lounge.

The seminar is part of the weekly Horizons series sponsored by United Campus Ministry and the University Lutheran Center. For more information call 235-0672 or 232-2587.

NDSU faculty to participate in Flax Institute

The 58th Flax Institute of the United States is scheduled for March 23-25 at the Doublewood Inn, Fargo.

Flax experts from the United States, Canada, China and Poland are expected to attend the event. They will present papers in their different, specialized areas of flaxseed research including studying the anti-carcinogenic lignans in flaxseed; using flax straw in particle board, paper, linen and reinforcement for other materials; using linseed oil for paints and coatings; and using flaxseed as cattle feed. If the research on flaxseed as cattle feed continues to prove beneficial, it could greatly increase flax production in North Dakota.

Another topic to be discussed is how a type of linolenic acid from flaxseed, when fed to poultry, swine, dairy animals and fish, appears to result in a more healthful balance of polyunsaturated fatty acids and less saturated fatty acids in the animal products consumed by humans.

Faculty from NDSU scheduled to present papers or lead discussions at the conference include Kristi Tostenson, research specialist in ag and biosystems engineering; Greg Lardy, assistant professor of animal and range sciences; Frank Manthey, assistant professor of cereal science; Mark Soucek, assistant professor of polymers and coatings; Chad Wold, research assistant in polymers and coatings; Steve Zwinger, research specialist at the Carrington Research and Extension Center; and James Hammond, professor of plant sciences.

For more information about the institute, contact Jack Carter at 1-8155.

Brown bag to examine women in music

The YMCA of NDSU is planning "Women in Music: Trends in the FM Area," for noon Wednesday, March 22, in the Memorial Union Prairie Rose room.

A guest panel will discuss how women's impact on the music industry in the past few years. Panelists will talk about some of the causes of the trend, how Fargo-Moorhead has benefited from it and what expect in the future.

The seminar is co-sponsored by the women's studies program. For more information contact the YMCA of NDSU at 235-8772.

Dance group 'Common Ground' to perform March 21

The Festival Concert Series has planned an evening of tap, clogging and Irish step dancing at 7 p.m. Tuesday, March 21, in Festival Concert Hall. The dance troupe "Common Ground" will trace the Irish roots of tap dancing and clogging through related contemporary forms of dance.

Tickets are \$13 for adults, \$10 for senior citizens and NDSU faculty and staff, \$6 for children and non-NDSU students and \$5 for NDSU students. For tickets call Ticketmaster at 1-8458 or 235-7171.

Extension plans food safety workshop

The NDSU Extension Service is planning a food safety workshop for food processors from 8 a.m.-5 p.m. Thursday, April 20, in the Memorial Union Peace Garden room. Check-in begins at 7:30 a.m.

Scheduled speakers are Don Aird, public affairs specialist, and David Wieneke, food specialist. Both are from the U.S. Food and Drug Administration.

The workshop will be broken into two segments. The first, running from 8 a.m.-noon, will cover FDA requirements for marketing food products with a potential for causing botulism, a deadly food poisoning.

The afternoon session, from 1:15-5 p.m., will be an introduction to food sanitation guidelines. It will cover seafood regulations and the eight key areas of sanitation:

- safety of processing water
- cleanliness of food contact surfaces
- prevention of cross contamination
- maintenance of hand washing, sanitizing and toilet facilities
- protection of food from adulteration
- proper labeling, storage and use of toxic compounds
- control of employee health conditions
- exclusion of pests

The registration fee is \$30 and is due April 10. The fee covers the cost of materials and two nutrition breaks. Lunch is not provided. For registration forms or more information, contact Julie Garden-Robinson at 1-7187 or jgardenr@ndsuxext.nodak.edu.

Alumni Association announces 2000 Master's Week honorees

The seventh annual NDSU Master's Week at NDSU is scheduled for April 3-11. Master's Week is sponsored by the Alumni Association in cooperation with individual colleges. It is an opportunity to educate students by exposing them to successful alumni and an opportunity to recognize and honor these outstanding alumni. The masters will share their career-related experiences and knowledge while visiting campus. Each honoree will have the opportunity to present to students, faculty and the NDSU community.

A more complete schedule of events will appear later in It's Happening at State. For more information contact Liz Christianson at 1-6800.

The following alumni will serve as the 2000 Master's Week honorees:

Monday, April 3

Tom Reinarts
Master of the College of Engineering and Architecture
President - Knight, Keller and Gannon
San Francisco
1966 BS, Mechanical Engineering

Tuesday, April 4

Wayne Kranzler
Master of the College of Arts, Humanities & Social Sciences
President - Kranzler Kingsley Communications Ltd.
Bismarck, N.D.
1972 BA, English

Col. Esther Myers
Master of the College of Human Development and Education
Chief Military Consultant to Air Force Surgeon General for Dietetics
Associate Chief, Biomedical Sciences Corps for Dietetics
Travis Air Force Base, Calif.
1975 BS, Home Economics Education and Food and Nutrition

Wednesday, April 5

Richard Pogue
Master of the College of Business Administration
Vice President and General Manager - TRW Lucas Aerospace
Cargo System, Jamestown, N.D.
1970 BS, 1972 MS, Business Economics

Thursday, April 6

Nancy Bologna
Master of the College of Science and Mathematics
Vice President of Organization Effectiveness - Best Buy, Inc.
Minneapolis
1977 MS, Psychology

Tuesday, April 11

Mary Berg
Master of the College of Pharmacy
Full Professor - University of Iowa College of Pharmacy
Iowa City, Iowa
1974 BS, Pharmacy

Noel Estenson
Master of the College of Agriculture
President/CEO - Cenex Harvest States
Inver Grove Heights, Minn.
1960 BS, Agricultural Economics

Events planned for Beaux Arts Week

The Department of Architecture and Landscape Architecture has scheduled its Beaux Arts Week for March 20-25. Several events are planned for the week, including presentations by students and faculty.

The Beaux Arts dinner is planned for 5:30 p.m. Thursday, March 23, in the Memorial Union Prairie Rose Room. The dinner will be followed by an awards presentation at 7 p.m., which is open to the public. A keynote address, "Who Killed Alexander Calder?" by Richard Moorhead, a local architect who is teaching in the department this semester, is planned for 8 p.m.

Harold Linton, professor of art at Bradley University, is scheduled to present "Portfolio Design: A Survey of Design Strategies and Directions" at 5 p.m. Friday, March 24, in Loftsgard 114. The seminar will focus on portfolio methods and techniques.

Linton is an author of eight books on color, design, drawing and architecture. His most recent book, "Portfolio Design," concerns professional preparation in the arts. It has been used by more than 50 art, architecture and design schools across the country.

A workshop on portfolio design, also led by Linton, is planned for 9 a.m.-5 p.m. Saturday, March 25, in Ehly 204. For information on fees and materials needed for the workshop, contact the Department of Architecture and Landscape Architecture at 1-8614.

For more information on the week's other events, contact the architecture and landscape architecture department at 1-8614.

Communication faculty to share assessment techniques

Faculty from the Department of Communication will discuss their successful assessment activities at a luncheon planned for noon Thursday, March 23, in the Memorial Union ballroom. The luncheon is open to all faculty and professional staff from units submitting annual assessment reports.

Communication faculty are scheduled to present "One Department's MAP for Assessment: Methods, Audiences, and Philosophy."

Assessment reports from the Department of Communication have been considered among the best submitted each year. Strong points of their reports include the level of faculty involvement, the range of courses in which assessment of student learning has been conducted, their use of information collected to improve courses and the clarity of their reports.

Each department represented at the luncheon will receive a copy of "Classroom Assessment Techniques: A Handbook for College Teachers." The book describes 50 classroom assessment techniques used to evaluate a variety of cognitive and non-cognitive objectives.

Reservations for the luncheon buffet may be made by calling Bonnie Erickson at 1-8262 or boericks@badlands.nodak.edu.

Surplus sale planned for April 14

Surplus property items will be offered for sale on the second Friday of each month, beginning April 14. The sales are scheduled from noon-2 p.m. at the Auxiliary Enterprises Building.

The sales are open to all parties, but if an individual would like to obtain an item for departmental use, the item will be pulled from the sale.

NDSU does not warrant any items for any purpose or merchant ability of any kind. It is understood that all items for sale are "as-is, where-is." Items may have minimum bids assigned to them. Bid forms will be available at the time of inspection. Terms of sale are cash or check upon pick up.

For more information call 1-8348.

Educational tour to follow Lewis and Clark trail

An educational tour of North Dakota June 2-4 will take participants back in time to retrace the steps of Meriwether Lewis and William Clark. The motorcoach tour of the Lewis and Clark National Historic Trail will visit historic sites from Bismarck to Williston to Medora.

Thomas Riley, dean of the College of Arts, Humanities and Social Sciences, and Mark Harvey, professor of history, will guide tours of historic sites and give interpretive lectures on the stages of the expedition in North Dakota as the bus travels from site to site. With equipment from the Lewis and Clark era, Riley also will explain how the expedition surveyed and mapped the area.

"This is an excellent opportunity to retrace the steps of Meriwether Lewis and William Clark through what is now North Dakota," said Riley. "Tour participants will learn a great deal about the expedition and about the state."

The tour will include stops at nine historic sites, including forts, Native American villages and museums. It includes a dinner cruise on the Missouri River aboard the Lewis and Clark River boat, a buffalo feed during Lewis and Clark Days at the Lewis and Clark Interpretive Center near Washburn, and a traditional dinner hosted by the Three Affiliated Tribes in New Town.

This is the college's second Lewis and Clark Educational Tour. Marlyn Bogart, who joined the tour in 1999, said, "I have been on a few bus trips and they would grade for me about a four or five on a scale of one to 10. This trip would grade a nine or 10."

His fellow traveler, Alvin Swanson, said, "The planning and the timing of the events, along with the leadership, was excellent."

Cost of the tour is \$300 per person based on double occupancy, and includes transportation, accommodations, museum, park and entrance fees and several meals. For an additional \$40, participants earn one graduate-level credit.

For additional information contact Keri Drinka at 1-6131.

Counsel's Corner

Political activity is heating up. NDSU employees and students need to be aware of laws and regulations that regulate political activities on campus, actions by employees or use of state property for political purposes.

Restrictions include such areas as maintaining neutrality by NDSU, activities during working hours, election to public office, use of university property and equipment, use of public funds, location of posters, influencing or pressuring subordinates and campaigning on campus property.

These regulations are somewhat complex, but are generally summarized in NDSU Policy 160. There is also an article on political activities on campus located on the General Counsel's Web page at www.ndsu.edu/general_counsel under the publications section.

Rick Johnson, General Counsel

Shorts and Reminders

Quantity foods meal

A "Taste of Home" meal is planned for noon Thursday, March 23, in the lower level of West Dining Center. The menu will include tomato soup, grilled cheese sandwiches, a relish tray with ranch dip, potato chips and rice krispie bars. The cost is \$5.25 or free to those on a meal plan. Call 1-7023 for reservations.

Union Food Court Specials for March 15-22

The Corner Deli

Wednesday: roast beef
Thursday: Italian combo
Friday: chicken
Monday: turkey
Tuesday: corned beef
Wednesday: roast beef

More Than a Burger

Wednesday: broiled chicken
Thursday: 1/4 pound hamburger
Friday: double cheeseburger
Monday: 1/4 pound hamburger
Tuesday: bacon cheeseburger
Wednesday: breaded chicken

A La Carte

No A La Carte during spring break
Monday: shaved barbecued beef
Tuesday: hand-carved roast pork
Wednesday: stir fry chicken

Soup of the Day

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 the daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kim at the Union Buffet at 1-8122.

Positions available

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

Secretary/#0457

Engineering and Architecture Administration

\$17,500+/year

March 15

Administrative Secretary

College of Pharmacy

\$18,000+/year

March 20

Secretary/#1833, 4270

Plant Sciences

\$18,000+/year

March 20

Food Service Worker/#1069

(7 a.m.-3:30 p.m.; M-F)

Dining Services - Union Dining Center

\$7.10/hour

March 22 (external)

Seed Processing Technician

USDA Plant Materials Center, Bismarck, N.D.

\$17,000 minimum/year

March 22

Database/Web Application Developer

ITS/Research Administration

\$31,000 minimum/year

Open until filled

Research Specialist/#4245

Plant Sciences

\$23,800 minimum/year

March 15

Research Specialist

North Central Research Extension Center

Minot, N.D.

\$24,500 minimum/year

March 15

Life Science Librarian/#0527

Library

\$21,108 minimum/year

March 22

Microcomputer Hardware Technician/#5017

Ag Communication

\$26,250 minimum/year

March 29 (Position available through 6/30/01; thereafter, contingent upon availability of funds.)

Director

Center for Writers

\$30,000 minimum/year

March 31

Food Technologist/#3315

Northern Crops Institute

\$26,000 minimum/year

March 31

Assistant Director for Campus Programs/#4291

Memorial Union

\$30,000+/year

March 31

Coordinator of Greek Life and Student Organizations/#0542

Memorial Union

\$25,500+/year

March 31

Research Specialist/#4617

Central Grasslands Research Center, Streeter, N.D.

\$25,500/year

May 1

Position openings also are available through the NDSU Web site at www.nodak.edu/human-resources/.

Research Opportunities

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

National Institutes of Health (NIH)

Centers for Disease Control and Prevention (CDC)

Food and Drug Administration (FDA)

Small Business Innovation Research (SBIR)

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-00-012.html>

Deadline: April 1, August 1, Dec. 1 for NIH and FDA; Dec. 1 only for CDC

The National Institutes of Health, the Centers for Disease Control and Prevention and the Food and Drug Administration encourage innovative research with commercial promise in areas of particular interest under the Small Business Innovation Research (SBIR) Program and the companion Small Business Technology Transfer (STTR) program. Small businesses of fewer than 500 employees are eligible for SBIR. The STTR program requires the participation of university or other nonprofit entities.

Department of Agriculture (USDA)

Cooperative State Research, Education, and Extension Service (CSREES)

Special Research Grants Program, Potato Research

www.access.gpo.gov/su_docs/fedreg/frcont00.htm (click on March 3)

Deadline: April 3

Proposals are invited for competitive grant awards under the Special Research Grants Program, Potato Research for fiscal 2000. The purpose of this grant program is to support potato research that focuses on varietal development/testing. Varietal development/testing is research using traditional and biotechnological genetics to develop improved potato variety(ies). Aspects of evaluation, screening and testing must support or complement the development of improved varieties.

**National Science Foundation (NSF)
Graduate Teaching Fellows in K-12 Education**
www.nsf.gov/pubs/2000/nsf0046/nsf0046.htm
Deadline: April 3

The National Science Foundation is inviting applications for fellowship and training activities that will enable graduate students and advanced undergraduates in the sciences, mathematics, engineering and technology to serve in K-12 schools at least 10 hours a week as resources knowledgeable about the content and applications of science. The stipend for a graduate student is \$18,000 for 12 months. NSF provides \$10,500 per year per student to cover institutional costs. The stipend is \$5,000 per year for undergraduate students. Institutions may request \$10,000 for software and special materials. K-12 schools must be involved in the development of the project plan. Grantee institutions select fellows; partner with school districts for placement of fellows in schools, and provide appropriate training for fellows. In addition to serving in the classroom at least 10 hours a week, fellows must put in at least five hours of preparation.

**Department of Agriculture (USDA)
Cooperative State Research, Education, and Extension Service (CSREES)
Agricultural Research Service (ARS)
Biotechnology Risk Assessment Research Grants Program**
www.access.gpo.gov/su_docs/fedreg/frcont00.htm (click on March 3)
Deadline: April 10

CSREES and ARS will competitively award research grants to support science-based biotechnology regulation, thereby helping to address concerns about the effects of introducing genetically modified organisms into the environment and helping regulators to develop policies regarding such introduction. The program's emphasis is on risk assessment, which is defined as the science-based evaluation and interpretation of factual information in which a given hazard, if any, is identified, and the consequences associated with the hazard are explored. Research funded through this program will be relevant to risk assessment and the regulatory process. Although investigators are not required to perform actual risk assessments in the research they propose, they should design studies that will provide information useful to regulators for making science-based decisions in their assessments of genetically-modified organisms.

**National Endowment for the Humanities (NEH)
Humanities Focus Grants Education Programs**
www.neh.fed.us/grants/deadlines.html
Deadline: April 15

The Education Development and Demonstration program provides grants to schools, colleges, universities, libraries, museums, and other cultural institutions to improve humanities education in the United States. The program supports teachers and educational institutions at all levels in exemplary efforts to engage students in sustained, thoughtful study of the humanities. The program supports projects that promise national significance by virtue of their content, approach, or reach. Supported projects may enable school teachers and college and universities faculty to engage in collaborative study of important texts in the humanities and to explore how these may be taught effectively; make the humanities integral to the education of future teachers at all levels; foster effective, sustained study of second languages and their cultural contexts; apply new electronic technologies to provide excellent humanities teaching and learning to student audiences; help schools, colleges, and universities develop, revise, and try out significant humanities programs, curricula, courses, and materials with close attention to how their students learn; encourage the wide dissemination of exemplary educational programs and materials; and address other educational issues of national importance to the humanities.

Calendar

March

Through March 20, "History's Closet: Everything from Aprons to Zippers (Emily P. Reynolds Costume Collection)," Memorial Union Gallery

Through March 30, Mike Marth Exhibition: "Still Life Series," Reineke Visual Arts Gallery

13-17 Spring break, no classes

17 Animal and Range Sciences—Vernon Feil, retired chemist, USDA bioscience lab, "Dioxins in Beef," 3 p.m., Hultz 104

20 Classes resume

21 Festival Concert Series presents Common Ground, 7 p.m., Festival Concert Hall

21 Tri-College Seminar—Tri-College Global Climate Change Seminar, Steven Dahlberg, meteorologist, Concordia College; Will Gosnold, geology department, UND; and John Enz, NDSU, will discuss global warming, 6:30-9:30 p.m., Van Es 101

22 Plant Sciences—Jose Luis Gonzales, thesis seminar, "Genetic Analysis of Quality and Agronomic Traits on Chromosome 5B of Triticum dicoccoides," 3:30 p.m., Loftsgard 380

- 22 Women's basketball at NCAA Elite Eight tournament in Pine Bluff, Ark.; scheduled first-round opponent is Delta State University
- 23 Chemistry—Andre Charette, University of Montreal, "Stereoselective reactions involving organozinc chemistry," 3:45 p.m., Dunbar 152
- 23 Concert Band home concert, 8 p.m., Festival Concert Hall
- 23 Architecture and Landscape Architecture—Beaux Arts keynote speaker will present a seminar at 7 p.m. in the Memorial Union Prairie Rose Room
- 24 Biochemistry—Ken Traxler, University of Minnesota-Bemidji, "Direct Localization of the Calmodulin Subunit in Phosphorylase b Kinase," 3:30 p.m., Loftsgard 102
- 24 Psychology—Red River Psychology Conference, student presentations
- 24 Architecture and Landscape Architecture—Harold Linton, Bradley University, "Portfolio Design: A Survey of Design Strategies and Directions," 5 p.m., Loftsgard 114
- 24 Plant Sciences—Gioconda Garcia, graduate seminar, "Physiology and Genetics of Cold Hardiness," 3:30 p.m., Loftsgard 380
- 24 History—David Danbom, "'We Were On Our Own and We Must Make Our Own Decisions, Right or Wrong' Rural Girls in Fargo During the 1930s," 3 p.m., Minard 407
- 27 Advising week begins for fall 1999 semester
- 27 Physics—Randy Fishman, Oak Ridge National Laboratory, "Spin-Density Wave Ordering in Fe/Cr Trilayers and Multilayers," 4 p.m., South Engineering 120
- 27-31 International Week
- 28 Physics—Mark Novotny, Florida State University, "Bridging Widely Disparate Time Scales: Advanced Dynamicalgorithms for the Decay of Metastable Phases," 4 p.m., Memorial Union Prairie Room
- 30 Jazz Combos concert, 8 p.m., Beckwith Recital Hall
- 31 Psychology—Charles R. Fletcher, University of Minnesota, Twin Cities, "Discourse Comprehension," 3:30 p.m., Minard 209
- 31 Plant Pathology/Biochemistry—Margaret Daub, North Carolina State University, "The Photoactivated Toxin Cercosporin: Contributions to Plant Disease and Fundamental Biology," 1 p.m., Loftsgard 102

April

- 3 Fall registration begins
- 4 Chemistry—Kit Bowen, Johns Hopkins University, will present a seminar at 3:45 p.m. in Dunbar 152
- 6 Chemistry—Rick Holz, Utah State University, "Kinetic and Spectroscopic Studies on the Methionine Aminopeptidase from Escherichia coli. Insight into the Binding of the Anti-Angiogenesis Agent Fumagillin," 3:45 p.m., Dunbar 152
- 7 Psychology—Kim Shapiro, University of Wales, Bangor, "The Attentional Blink: Evaluation from an 'Object' Perspective," 3:30 p.m., Minard 209
- 9 Tri-College Percussion Ensemble and Marimba Choir concert, 2 p.m., Memorial Auditorium, Concordia College
- 11 Campus Attractions presents a talk by Arun Gandhi, grandson of legendary peacefighter and spiritual leader Mahatma Gandhi, 7:30 p.m., Festival Concert Hall. The appearance is free to the public.
- 11 NDSU Health Fair, 10 a.m.-2 p.m., Memorial Union
- 12 Free preview night of the Little Country Theatre's "Sylvia," for NDSU staff; 7:30 p.m., Walsh Studio Theatre
- 13 Chemistry—Linda McGown, Duke University, "On-the-Fly Fluorescence Lifetime Detection for DNA Analysis," 3:45 p.m., Dunbar 152
- 13 TIAA-CREF representative on campus, Old Main, Log Cabin; call 1-800-842-2009 to schedule an appointment
- 13 Architecture and Landscape Architecture—Michael Borden, "Vaastu Architecture," 4:30 p.m., Loftsgard 114
- 13-15 Little Country Theatre presents "Sylvia," 8 p.m., Walsh Studio Theatre
- 14 Psychology—Todd Mondor, University of Manitoba, "Auditory Selective Attention and Irrelevance: Evidence From Studies of Inhibition of Return," 3:30 p.m., Minard 209
- 14 TIAA-CREF representative on campus, Old Main, Log Cabin; call 1-800-842-2009 to schedule an appointment
- 14 Surplus sale, noon-2 p.m., Auxiliary Enterprises building
- 16 Little Country Theatre presents "Sylvia," 2 p.m., Walsh Studio Theatre

17-28 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," 4:30 p.m., Loftsgard 114

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

21-24 Holiday/recess, no classes

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

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

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

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

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

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 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