

Presidential inauguration set, Magrath scheduled as speaker

President Joseph A. Chapman's inauguration ceremony has been scheduled for 10 a.m. Thursday, May 4, in Festival Concert Hall, according to NDSU Inauguration Committee Chair R.S. Krishnan. Internationally respected higher education leader C. Peter Magrath, president of the National Association of State Universities and Land-Grant Colleges, will deliver the keynote address.

An inaugural dinner and dance also are scheduled for the evening of May 4 at the Crystal Ballroom of the Ramada Plaza Suites and Conference Center, Fargo, beginning with a social at 5:30 p.m. The dinner is \$25 per person and President Chapman has designated that the proceeds will go toward a general scholarship fund for NDSU students. The dance will start at 9 p.m., following dinner.

In a letter to faculty and staff, Krishnan announced that invitations to the inauguration will be sent out in coming weeks. "We look forward to your participation in the inauguration and related activities," he wrote.

Magrath leads the nation's oldest higher education association, which was established in 1887. With a membership of 206 research universities and land-grant colleges located in all 50 states and the U.S. territories, its universities enroll more than 3.2 million students, award about one-third of all bachelor's and master's degrees and grant 60 percent of the doctorates earned in the country.

A political scientist with a bachelor's degree from the University of New Hampshire and a doctorate from Cornell University, Magrath was president of the University of Missouri System from 1985 to 1991. From 1974 to 1984, he was president of the University of Minnesota, the largest American campus in terms of enrollment with its 60,000 students. Prior to that, he headed the State University of New York at Binghamton for two years.

Magrath also held faculty and administrative positions at the University of Nebraska, Lincoln, and Brown University. He has written numerous books, monographs and articles on American constitutional law and history, higher education and international affairs.

He organized the Kellogg Commission on the Future of State and Land-Grant Universities that is promoting change and renewal as higher education moves into the 21st century. Other national activities include service on the Commission on the Future of the National Science Foundation and the Southern Education Foundation's advisory committee dedicated to promoting educational opportunity for African-American and minority students in the southern states.

The central library on the University of Minnesota's St. Paul campus is named after him.

Varsity Mart plans sidewalk sale

The Varsity Mart has scheduled a sidewalk sale for 9 a.m.-4 p.m. Wednesday through Friday, March 1-3, in the Memorial Union. Clothing, books, supplies and miscellaneous items will be on sale.

Next Issue

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Nominations sought for Gunkelman award

Nominations are being sought for the 2000 Mary McCannel Gunkelman Recognition Award to honor a person on campus who best exemplifies significant and unselfish contributions to creating a happy environment for NDSU students.

Students, faculty and staff are eligible for the award. Nominations should include specific examples of nominees' contributions in making NDSU a pleasant, cheerful campus for students during the past academic year.

Nomination forms are available at www.ndsu.nodak.edu/human-resources/news.shtml and also are available from the Human Resources Office in Old Main 205. All nominations must be received in the Human Resources Office by 5 p.m. Monday, March 27. Nomination forms will be made available in alternative formats upon request by calling 1-8961.

Finalists will be honored and the winner announced during a special reception at 3 p.m. Wednesday, April 12, in the NDSU Alumni Center. The 1999-2000 Gunkelman Award winner will receive a \$600 cash award from the Gunkelman family through the NDSU Development Foundation.

The Gunkelman Recognition Award was established in 1987 with the first award in 1989 in honor of Mary McCannel Gunkelman, who died in 1985. She was a 1942 graduate of the NDSU College of Home Economics. Funds were provided by the late John Gunkelman and his family. The endowment fund now totals more than \$17,000 and is open to additional contributions.

Gunkelman has been described by her family as a person who firmly believed a student would be more likely to reach his or her full potential when working in an enjoyable environment. She also believed the more enjoyable the campus and programs of NDSU, the better the university would be now and in the future.

Brenda Deckard, plant sciences student services officer, was last year's recipient of the award. Other winners have included Lisa Nolan, associate professor of veterinary and microbiological sciences, in 1999; Nick Moret, cashier in the one-o-eight convenience store, in 1997; Louise Heinz, departmental secretary in the Department of Plant Sciences, in 1996; Carol McClafflin, administrative secretary in the School of Education, in 1995; Marilyn Hetland, administrative secretary in the Department of Pharmaceutical Practice, in 1994; Nancy Stroh, Memorial Union activities secretary, in 1993; Jean Kelly, administrative secretary in the Department of Apparel, Textiles and Interior Design, in 1992; Mary Poirer, a clerk in Residence Dining Services, in 1991; Helga Schuschke, a clerk in the Department of Food and Nutrition, in 1990; and Joan Olson, University Business Office, in 1989.

The selection committee is headed by Teri Thorsen, director of the Office of Human Resources. Other members of the committee are Loriann Lymburner, Joan Chapek, Tom Bremer, David Wahlberg, Sandy Holbrook, Bob Neas and Ron Peterson.

Staff Senate to pilot electronic balloting for spring elections

The NDSU Staff Senate will try something new this spring during its annual election cycle. Beginning Monday, March 6, staff members will have the opportunity to nominate their peers online for open Staff Senate positions. Approximately half of the Staff Senators are elected each year for two-year terms. Those with access to desktop computers may use them to access the Web site to nominate, review nominations and vote. Remote locations will be set up at various places on campus to facilitate access for employees without desktop computers. A flyer will be sent to all staff with instructions, locations, and dates.

Although its primary purpose is online course delivery, the Course Info. software NDSU currently licenses from Blackboard can accommodate surveys and voting as well. Access is achieved via the internet. Elizabeth Smith, ITS instructional designer, has been instrumental in adapting Course Info. capabilities for Staff Senate election purposes.

Nomination week will be March 6-10. Once all nominees are verified for eligibility to serve and have agreed to serve if elected, nominees will be encouraged to write a short description of themselves. Descriptions and digital photos will be uploaded to the Blackboard system for viewing during the last week of March. Balloting will occur the first week of April.

Both the nominations and actual votes are anonymous. A paper nomination/ballot option will be available on request to those unable or unwilling to complete these procedures online. Staff members should watch their mail for further details. For questions, contact Nancy Olson at 1-7100 or nolson@plains.nodak.edu.

Study helps truckers attain 'skilled' designation

A study conducted by the Upper Great Plains Transportation Institute at NDSU recently helped resolve a dispute over Texas truckers' and trainers' salaries.

CDB Services, a Texas trucking company, needed to prove to the U.S. Department of Labor that its truckers and those who trained them were skilled workers, requiring a certain level of training and salary. The designation is important, with a high turnover rate in the trucking industry making it difficult to find and retain both trained drivers and driver trainers.

Following a study conducted by Brenda Lantz, an institute researcher specializing in commercial trucking operations, trucking is now listed as a skilled position.

Lantz pointed out that the Professional Truck Driver Institute (PTDI) had used input from more than 250 experts in the motor carrier field, had developed a widely accepted standard of 21 minimum standards necessary to operate a tractor-trailer. Lantz also surveyed more than 700 drivers and 100 managers from trucking companies, discovering that it takes more than two years, the recommended requirement of the Department of Labor, to become proficient in most of the critical areas of the PTDI standards.

For more information, contact Lantz at 1-7766.

Architecture library receives \$10,000

For the second year in a row, the Las Vegas architecture firm of Klai::Juba has given the Architecture and Landscape Architecture Library a \$10,000 grant of books and reference materials under a long-term loan agreement.

Paul Gleye, chair of the architecture and landscape architecture department, said, "The support of Klai::Juba will be instrumental in our ability to enhance the library's resources for art and architecture research by purchasing, among other items, the Art Index Retrospective 1929-1984. Though these resources will remain the property of the Klai::Juba firm, they will be housed in our library for student and faculty use."

Both Dan Juba and John Klai received their bachelor of architecture degrees from NDSU in 1978.

Census information bus to be at NDSU

The U.S. Census Bureau plans to have a tour vehicle on campus March 7 to bring awareness and information about the 2000 Census. The 27-foot recreational vehicle is scheduled to be parked on the west side of the Memorial Union from about 10 a.m. through the rest of the morning. President Chapman is scheduled to give a welcoming address at 10:15 a.m.

The vehicle, which is traveling through the Census Bureau's Denver region, houses several information kiosks, and personnel will be available to answer questions about the census. Other stops in North Dakota include Grand Forks, Bismarck, Minot and Standing Rock Indian Reservation.

Faculty, staff and students are encouraged to stop by the vehicle to learn the importance of the census and to discover how they are to be counted, according to the local census office manager. "Students don't always know that if they are no longer living with Mom and Dad, even if they spend the summers with them, they are to be counted in their own residence," said Jackie Brodshaug, manager of the Fargo office. "The census considers college students as adults for the purpose of the filling out the census. If they live in an apartment off campus, the forms will be mailed to their addresses. If they live on campus, the forms will be delivered."

Brodshaug said the census began in 1790 and has been conducted every 10 years since then. "The census is like drawing a picture of your community and state," she said, noting that April 1 is Census Day.

Census figures are used for many things, including the distribution of federal and state funds, research such as sociology and medical studies, planning public transportation, statistical profiles, establishing recreational programs and developing housing and labor reports.

Policy updates announced

The following policies have been added or revised over the past several months. To see the complete policy, go to www.ndsu.nodak.edu/policy/.

Policy 110 - Employment of Relatives

The revision reflects changes in State Board of Higher Education (SBHE) policy which include clarification of the term immediate family.

Policy 111 - Positions Funded by Federal and Grant Money (new)

This is a new policy developed to comply with SBHE Policy 607.2.

Policy 183 - Nonrenewal and Dismissal of Nonbanded, Nonacademic Staff

The revision reflects current SBHE Policy which changed from 15 to 20 days the period for appeal of a nonrenewal or dismissal by the employee and for the notification of a decision by the chief executive.

Policy 202 - Procedure for Filling Staff Positions

Revision includes changes related to the move to broadbanding and also updates the recruitment process for staff (broadbanded) positions.

Policy 324 - Oath for Teachers

The revision reflects revisions in SBHE Policy 610. The revision specifies that one signed copy of the oath will be filed in the appropriate dean's office and indicates that every member of the academic staff (defined as faculty, lecturers and graduate teaching assistants) is expected to sign the oath prior to beginning their teaching assignment.

Policy 606 - Guidelines for Student Requests for Reasonable Accommodation (new)

Policy 606.1 - Course Substitution (new)

Policy 606.2 - Confidentiality of Documentation (new)

Policy 606.3 - Reduced Course Load (new)

These four new policies address matters related to students with disabilities and their rights and responsibilities.

Policy 712 - Contracts and Agreements

The changes specifically delegate certain contractual authority to various positions and incorporate the requirements of SBHE Policy.

Policy 720 - Foundations (new)

Brings SBHE policy into the NDSU Policy Manual.

Policy 813 - Facilities and Administrative Costs

Revisions accurately disclose indirect cost recovery rebates.

The following policies have been deleted due to their deletion in SBHE policy:

Policy 108 - Hiring Staff Members from Other Institutions

Policy 301 - Courtesy Appointments

Policy 302 - Vacancy Appointments

In addition to the policy changes noted above the following policies have had minor editorial revisions including those related to the change to the broadbanding system: Policies 101, 105, 127, 138, 167, 183, 201, 212, 221, 222, 801.

New technology used to analyze, measure traffic patterns

NDSU transportation researchers are using new technology to measure and simulate traffic patterns that will give local planning officials better ways to regulate traffic flow. The Upper Great Plains Transportation Institute's Advanced Traffic Analysis Center at NDSU is using sophisticated tools such as traffic simulation software and a special Autoscope video system for gathering data on vehicle motion.

The VISSIM software program, developed in Germany, allows researchers to model traffic and analyze delays, congestion, speed and other factors. The ATAC also uses an Autoscope traffic data collection system which employs two video cameras, mounted on 42-foot masts on a mobile trailer. The cameras are connected to a video recorder and Autoscope system, which is programmed to detect vehicles and gather information within a defined zone. The system can record data for several hours.

The center currently is using the equipment on a project to improve traffic signal timing and coordination along Fargo's 25th St. S. corridor from 32nd Ave. S. to Main Ave. ATAC staff and NDSU's Institute of Transportation Engineers student chapter are using the new technology to collect required data.

"When the analysis is completed, drivers will notice better traffic signal coordination along 25th St. S. which will minimize the number of stops they will experience, and therefore, reduce their travel times," said Ayman Smadi, center director. "Less money will be spent on fuel, there will be less damage to the environment and people will have more time to spend with their families."

During another recent project, the center worked with the Fargo Flying J, the North Dakota Department of Transportation and the City of Fargo to look at access arrangements at the Flying J, a busy truck stop along Interstate 29.

"Using the software, we simulated the traffic there, then showed how to configure changes that would improve traffic operations in the area," explained Smadi. "We can show how the same scene looks at different times and traffic levels, all using a computer and without disrupting traffic in the field."

ATAC staff modeled two different Flying J scenarios to show changes that would occur with variations in traffic signal timing, and driveway and turn lane configurations. According to Smadi, VISSIM's animation allows viewers to see cars and trucks, not just numbers, and he considers it a valuable tool when seeking public input on traffic issues.

"A lot of money is spent to improve traffic flow in urban areas, including the Fargo-Moorhead metro area," Smadi said. "Effective evaluation requires an enormous amount of detailed and timely data."

Established last year as the Technology Support Center, the ATAC helps traffic engineers and others make decisions on changes that affect traffic levels, speed, safety and commerce. The ATAC facilitates the use of advanced traffic modeling tools through technical support, hands-on training and research.

For more information, contact Smadi at 1-8101.

New listserv created for work-study employers

A new listserv has been created for employers of federal work-study students for updating and informational purposes. Anyone who has not received a message stating that they were subscribed to the list by Sharon Albrecht, work-study coordinator in the Financial Aid Office, and who would like to be included on the list, should contact Albrecht at 1-7535 or salbrech@gwmail.nodak.edu. Please remember to include your name and e-mail address.

Students start Web radio project

A group of NDSU communication students now have a worldwide audience through a "radio on the Web" project. The Internet Radio Broadcasting group, which recently received temporary student organization status, is placing student-produced news stories and interviews on the Web.

"It's for the hands-on practical experience of communication students, but it also affects the campus as a whole because it is another outlet for people to listen to. It's neat to hear our own stuff," said student organizer Kelly Junker, a junior from Medina, N.D. "The possibilities are almost limitless, depending on the interest we get. We've got to start small and build up."

Currently, there is a 30-minute loop of news and information available to Web listeners. The hope is to expand the time as more students join in. An estimated six to 10 students have participated in the project to date.

"Students have been looking for this type of outlet since KDSU became part of the statewide network," said Douglas Blanks Hindman, assistant professor of communication and the group's adviser. "Even though there are opportunities in the community for hands-on broadcasting experience, students need a chance to do things like they want to do them. They need to do things that don't fit narrow formats and this gives them the opportunity to do things like host a talk show or do a play-by-play broadcast."

Hindman has the equipment for the project set up on an experimental basis in the Ceres broadcast teaching laboratory. He said some of the obstacles facing the group are finding a permanent home, purchasing a computer to serve as a permanent server and raising the funds needed to pay the estimated \$300 to \$1,500 in annual licensing fees so students could use copyrighted music and materials.

"We have a group of fantastic students who are enthusiastic and interested," Hindman said. "I'm excited about its potential."

To hear the students' work, a Web listener must have a Winamp Player, which can be downloaded at www.winamp.com and telling it to play the following location: <http://134.129.102.109:8000>. Or, once you have a Winamp Player installed on your computer, you can point your Web browser to www.shoutcast.com and type "NDSU Web Radio" in the search box at the middle of the page.

Ethics institute approved by SBHE

The new Northern Plains Ethics Institute on the NDSU campus is intended to be a central forum for diverse groups to work together to address social and environmental issues. Approved Feb. 17 by the State Board of Higher Education, the institute is planned to be a place where people can collaborate and develop a holistic approach to basic ethical questions ranging from shifting populations to the economic impact of agriculture to changing technology.

The institute will use a "town and gown" concept for participants and its governing board involving faculty members and community leaders.

"The institute will provide a place for brainstorming alternatives to present situations and discussion of ethics and quality of life issues," said John Helgeland, professor of history and religion and one of the institute's organizers. "Its interests are more on societal ethics rather than the ethics of the individual. We'll ask the questions, 'What kind of world do we want to live in?' and 'How do we propose to get there?'"

The institute evolved from the 1992 Bush Ethics Committee, which developed a series of ethics conferences at NDSU on such topics as health care, agriculture, politics and business. Previous ethics work has included "ethics in the workplace" issues with NDSU Cooperative Education students.

The institute will use the facilities of Group Decision Center as a major tool in the discussion of ethical questions in such areas as education, health care, business and finance, media, civil criminal justice, technology, religion and public life, arts and humanities, transportation, agriculture and the environment.

Located in the Memorial Union, the center is a network of 24 laptop computers linked by GroupSystems software. "The technology enables users to enter their ideas anonymously and simultaneously, giving participants an equal voice in a criticism-free environment. In this regard, the GDC provides an environment where participants can experience an electronic democracy and focus on ideas rather than personalities," said Sharon Cobb, center co-director and one of the institute's organizers. "A number of people can contribute and discuss important issues. It encourages respectful discourse."

Helgeland said, "By its nature, the GDC has the virtue of pulling people together and marshaling resources. We want to build on that."

The institute and center have already participated in a land use ethics study by Mark Meister, assistant professor of communication, and the Fargo Youth Initiative project, which considers issues and concerns of students in middle school through high school. During March, electronic town hall meetings are scheduled in Valley City and Hettinger.

Other members of the institute's development team included Dr. Richard Olafson, professor emeritus, UND School of Medicine, Ed Deckard, professor of plant sciences, and Don Galitz, GDC co-director and retired professor of botany.

New data examines trends affecting railroads

Douglas Benson, a transportation researcher at the Upper Great Plains Transportation Institute at NDSU, will present new nationwide data on the state of America's shortline railroads at an upcoming meeting of the USDA/USDOT Task Force on Rural Transportation.

Information for a shortline database was collected from 1993 to 1996 on a voluntary, confidential basis; data from 1998 is currently being collected. Each year, Benson has used the data to develop and distribute an annual report to railroads, interested observers and participants in the industry, including consultants, suppliers and government agencies.

"Currently there are more than 500 small railroads in the United States," Benson said. "Shortline railroads are an important part of the transportation system, especially for rural and agricultural areas."

Benson's data also is used to discuss public policy issues and develop positions on issues affecting the railroad industry. The data provides a benchmark railroad officials can use to compare their operations with other railroads. Recently, for example, many shortline railroads have needed improvements to their physical infrastructure to handle larger railroad cars, which require heavier track. General financing of those major improvements is a key issue.

"We provide basic information that may be used by those involved in refinancing and financing small railroads," Benson said.

While data is gathered at the Transportation Institute, the project is conducted in partnership with the Federal Railroad Administration, the U.S. Department of Agriculture and the American Shortline and Regional Railroad Association.

For more information, contact Benson at 1-8388.

Policy on contracts, agreement procedures reviewed

The Internal Auditor's Office would like faculty to review Section 801 of the NDSU Policy Manual. It deals with procedures related to the submission and execution of grant or contract proposals and awards.

The policy requires that all proposals submitted to external agencies must be reviewed and approved by the responsible department chair, college dean, the Office of Restricted Fund Accounting and the Office of Research Administration prior to the submission of the proposals. In cases where equipment match funds are required, the vice president for academic affairs' approval also is required.

The policy also states that the Office of Restricted Fund Accounting and the Office of Research Administration must review all contracts and agreements prior to their execution.

Once a proposal has been accepted or an award has been executed, Section 801 states that all correspondence between the principal investigator and the external agency, whether during the proposal review process or the agreement period, should be copied to the Office of Restricted Fund Accounting and the Office of Research Administration. If the correspondence deals with changes in the terms of the award, the Office of Graduate Studies and Research or the Office of Restricted Fund Accounting prior to its submission should countersign the correspondence.

The Office of Restricted Fund Accounting will prepare all financial reports required by the external agencies. The principal investigator will be contacted if assistance is needed in completing the reports.

While principal investigators may feel constrained by this policy, its purpose is making certain that the proposals/awards are in conformity with university and external agency guidelines and requirements. In addition, the centralization of financial information provides an audit feature designed to uncover and correct billing errors prior to submission to the granting agency; thus protecting the \$24 million in external awards NDSU receives each year.

NDSU Section 801 also gives the Office of Research Administration and the Office of Restricted Fund Accounting the right to renegotiate or reject any proposal or agreement that has not been reviewed through the proper channels and signed by the appropriate authorized representative.

For more information on grant and contract financial policies see www.ndsu.edu/policy or contact Karen Hendrickson in Restricted Fund Accounting at 1-8356.

People

Wageman presents report to SBHE

Justin J. Wageman, assistant professor of education, presented a report to the State Board of Higher Education at its Feb. 17 meeting in Mayville.

The report, "Higher Education Research Institute (HERI) 1998-1999 Faculty Survey, Analysis of Results for the North Dakota University System," provided data on faculty members from the doctorate-granting, four-year and two-year institutions within the state of North Dakota.

Student named finalist in photography contest

Kelley Baker, a junior majoring in mass communication, has been selected as a finalist in the 20th Annual Student Photography Contest sponsored by Serbin Communications, Santa Barbara, Calif. Her entry will be published in the book "Best of College Photography Annual 2000."

More than 20,200 entries were submitted from students in the United States and Canada. Judges included Armando Flores, Nikon; Linda Lowell, Brooks Institute of Photography; and Laura Lasworth, Art Center College of Design.

"This contest is really competition at the highest level and it is national in scope," said Ross Collins, associate professor of communication and Baker's photography instructor. "She is the first NDSU student that I know of to place in this competition. Doing so well says quite a bit about her photography. I'm impressed."

Events

American Indian storyteller to perform

Mary Louise Defender Wilson, "Gourd Woman," is scheduled to perform at 7 p.m. Friday, March 3, in the Memorial Union Gallery. She is a Dakotah/Hidatsa elder born into a family of storytellers on the Standing Rock Indian Reservation of North Dakota.

By age 11, "Gourd Woman," fluent in the Dakotah language, was telling stories herself. Her storytelling skills, wisdom and soft-spoken elegance have earned her much respect throughout the Dakotah community. This past year, she was awarded a National Heritage Fellowship from the National Endowment for the Arts, which recognized her artistic merits and contributions.

Her appearance is in conjunction with the American Indian EXPO sponsored by the Office of Multicultural Student Services and NDSU Women's Week. The performance is being funded by Campus Attractions, Multicultural Student Services and the Memorial Union Gallery.

For more information contact Peg Furshong at 1-8239 or furshong@plains.nodak.edu.

Horticulture specialist to present lectures at NDSU

Horticulture plant materials specialist Scott C. Redlin is scheduled to present a series of seminars and lectures the week of March 6-10 at NDSU. Redlin, a native North Dakotan, is a plant pathologist with the USDA Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine in Raleigh, N.C. He received his bachelor's and master's degrees in horticulture and forestry and his doctorate in plant pathology, all from NDSU.

His presentations will deal with the regulatory process that plant scientists go through when moving plant materials across borders, facilitating trade that has been hindered by exotic pest issues and emerging horticultural materials and techniques. His visit is sponsored by the NDSU plant pathology and plant science departments, and by the USDA, Agriculture Research Service, with matching support provided by the NDSU Cooperative Sponsorship Committee.

Redlin's planned presentations are as follows:

Monday, March 6

Horticulture seminar—"Southeastern woody ornamentals; APHIS permit process; and Invasive plants," 4 p.m., Loftsgard 102

Tuesday, March 7

USDA seminar series—"Facilitating trade: U.S. tomatoes to Japan," 11 a.m., USDA BRL room 100

Wednesday, March 8

Plant Sciences 368 (Plant Propagation)—"Vegetative propagation of woody ornamentals; side grafting," 2 p.m., Horticulture Greenhouse classroom

Friday, March 10

Plant pathology seminar—"Plant pathology issues in APHIS," 1 p.m., Loftsgard 114

All interested persons are invited to each presentation. Contact Jim Walla at 1-7069 for more information.

New employee orientation planned for March 7

New employees are invited to attend an orientation session from 8:15 a.m. to noon Tuesday, March 7, in the Memorial Union Prairie Rose Room. The session has been organized by the Office of Human Resources. Employees who have not attended a new staff orientation are welcome to attend. To RSVP or request accommodations related to disability, contact Marlys Knight at 1-8525.

Preschoolers tour theatre department

The Department of Theatre Arts recently hosted 20 preschoolers, ages 3-5 years old, and some of their parents for a tour of the theatre facilities. The tour included looking at the auditorium, standing on the stage with a set, learning theatre terms, touring the paint and costume shops and playing theatre games. The group performed its own production at the end of the tour.

Ellie Storlie, instructor in child development and family science, arranged the tour.

Brown bag seminar to focus on sexual abuse

The YMCA of NDSU is sponsoring "Why Can't I Just Forget About It?" at noon Wednesday, March 8, in the Memorial Union Peace Garden Room.

Michelle Richter, counselor from Counseling and Disability Services, will discuss sexual abuse and how it impacts the lives of victims and survivors. She will share ideas about how to let the healing process begin.

For more information call the YMCA of NDSU at 235-8772.

Reineke Visual Arts Gallery part of multi-site exhibit

The Reineke Visual Arts Gallery will be one of six local sites for "Mike Marth Exhibition: Still Life Series." A portion of the exhibit will be in the gallery March 1-30.

The exhibition will occur simultaneously at five other locations—Plains Art Museum, Spirit Room Gallery and Creative Arts Center in Fargo; Atomic Coffee in Moorhead; and the G.K. Gallery in Cooperstown, N.D.

Receptions are planned at each location Saturday, March 4 at the following times:

- 1 p.m. - Atomic Coffee
- 2 p.m. - Creative Arts Studio
- 3 p.m. - Reineke Visual Arts Gallery
- 4 p.m. - Plains Art Museum
- 5 p.m. - Spirit Room
- 6 p.m. - G.K. Gallery

Marth spent 10 years working on his still life series. He approached the Plains Art Museum about exhibiting his work at several community locations, with the concern that the community recognize the other art spaces in the Fargo-Moorhead area. The "progressive opening" will provide an opportunity to highlight the variety of spaces available for public art viewing.

Women's athletics to host dinner dance

The Women's Athletics Advisory Committee is planning a "Martini Swing" dinner dance for April 15 at the Fargo Holiday Inn. Cocktails are scheduled to begin at 6 p.m., with dinner at 7 p.m. and dancing at 8:30 p.m. The dance is open to everyone.

The semi-formal evening will feature the band Second Chance, and the cost is \$40 per person. More details will be coming soon by invitations in campus mail.

Horizons seminar to debate evolution vs. creation

Craig Jasperse, associate professor of chemistry, is scheduled to present "Evolution versus Creation: What's New About this Old Debate?" at noon Wednesday, March 8, in the Memorial Union Cul de sac lounge.

The seminar is part of the weekly "Horizons" series presented by United Campus Ministry and the University Lutheran Center. The noon forums provide an opportunity for students to interact with faculty, staff and members of the community. For more information call 235-0672 or 232-2587.

Concert choir announces spring tour, to perform at convention

The Concert Choir has planned its annual spring concert tour, which will run March 14-21. The tour will take the group to Sioux Falls, S.D.; Boulder and Denver, Colo.; Provo and Salt Lake City, Utah; Helena, Mont.; and Bismarck. The final stop on the tour will be a home concert scheduled for 8 p.m. Sunday, March 26, in Festival Concert Hall.

Prior to the tour, the choir will perform at the North Central American Choral Director's convention, planned for March 4, in Madison, Wis. The choir was chosen by audition and will perform for more than 1,000 choir directors at the biennial convention.

Over the years, the Concert Choir has performed in 30 states and several provinces in Canada. A European tour is planned every four years; most recently, the group toured Italy in 1998. The choir also regularly performs with regional orchestras and at state and regional music conventions.

Jo Ann Miller has been directing the Concert Choir since she joined the faculty at NDSU in 1989. She also conducts the Madrigal Chorus and University Chorus, as well as teaching choral conducting, choral arranging and applied voice classes.

NDSU students bring history to life in clothing exhibit

Students in a variety of disciplines threw open the doors of history's closet to reveal fashion from the 1880s to the present in an exhibit that premiered in the Memorial Union Gallery Feb. 28. "History's Closet: Everything from Aprons to Zippers," illustrates the changes in society over time through clothing and related objects.

The close to 200 items on display include children's clothing from the early 1900s, women's basketball uniforms from the 1920s and 1980s, a friendship doll given to North Dakota by the Japanese government in the 1920s, a wedding suit from the Great Depression and a coal-burning iron from Taiwan.

"Everyone has a tie to clothing, so I think everyone will be able to identify with this exhibit in one shape or form," said Gwen Peterson, a junior majoring in anthropology and public history. "It's fascinating to see the changes that have occurred in the past century with clothing and the changes in society they represent."

Objects in the exhibit are part of the Emily P. Reynolds Costume Collection, maintained in the Department of Apparel, Textiles and Interior Design in the College of Human Development and Education. Reynolds, who joined the NDSU textiles and clothing department in 1948 and was its chair from 1966 to 1981, started the collection in the 1970s with clothing donated by longtime residents of Fargo. Although the collection has expanded to include more than 5,000 items from all over the state, region and the world, the focus remains on pieces worn or used by North Dakotans.

Six students worked under the direction of Ann Braaten, curator of the collection and senior lecturer of apparel, textiles and interior design, to create the exhibit. In addition to Peterson, the students are Amanda Bren, a junior majoring in apparel and textiles; Wendy Johnson, a senior in family and consumer science education and theatre arts; Tavishi Loomba, a senior in apparel and textiles; Angela Strasser, a freshman in architecture; and Rachel Strom, a junior in apparel and textiles.

The exhibit is arranged according to the letters of the alphabet. For example, aprons are displayed under the letter A, lace represents the letter L, P is for prom dresses, Q for quilts and W for wedding gowns. The students researched the history and design of each piece, wrote interpretive text, mounted the clothing on mannequins and other pieces on pedestals and designed the overall exhibition layout.

"This exhibit gives people a sense of the past, a chance to see how things have changed," said Strasser. "It really is history's closet."

The exhibit, which is free and open to the public, continues through March 20. The gallery is open 9:30 a.m.-6 p.m. Monday-Thursday, and 9:30 a.m.-1 p.m. Fridays.

Shorts and Reminders

Quantity Foods meal

A "Native American" meal is planned for noon Tuesday, March 7, in the lower level of West Dining Center. The meal will feature Indian tacos, re-fried beans, rice soup and pumpkin pie. The cost is \$5.25 or free to those on a meal plan.

Positions Available

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

Custodian/#762

(M-F; 3:30 p.m.-midnight, includes some monthly overtime)

Physical Plant

\$14,560 minimum/year

March 2

Athletic Equipment Technician/#0209

Athletics

\$17,500+/year

Open until filled

Agricultural Research Technician/#4949

Plant Sciences

\$22,500+/year

March 7

Database/Web Application Developer

ITS/Research Administration

\$31,000 minimum/year

Open until filled

Research Specialist

Central Grasslands Research Center, Streeter, N.D.

\$25,500/year

March 1

Loss Prevention Specialist/#4230

Physical Plant

\$28,000 minimum/year

March 1

Research Specialist

Ag and Biosystems Engineering

\$14,000/year (part-time; 20 hrs./wk; funding through May 2001; continuation contingent upon available funding)

March 2

Reference Associate/#0532

Library

\$22,500+/year

March 3

Research Specialist/#4792

Plant Pathology

\$22,000+/year

March 13

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

Director

Center for Writers

\$30,000 minimum/year

March 31

Food Technologist/#3315

Northern Crops Institute

\$26,000 minimum/year

March 31

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

Tri-College University Provost position available

The Tri-College University Provost is half-time for a three-year, renewable term and reports to a board of directors.

Salary is competitive. For a complete list of required qualifications, call 1-9731 or visit www.ndsu.edu/tricollege. The Tri-College University is the 30-year-old consortium of Concordia College, Moorhead State University and NDSU.

Applications should be mailed to: Provost Search, Attn.: Bette Midgarden, Tri-College University, 209 Engineering Technology Bldg., NDSU, Fargo, ND 58105, and must include vita or resume; names of three current references, including addresses and daytime telephone numbers; and an application letter describing relevant administrative skills or experience and reasons for seeking the provost position. Screening begins March 20, and will continue until the position is filled. Candidates must be legally authorized to work in the United States on the day employment begins.

Union Food Court specials March 1-8

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

Wednesday: stir fry chicken

Thursday: hand-carved roast beef

Friday: fish strips

Monday: broasted chicken

Tuesday: hand-carved roast beef

Wednesday: barbecued pork

Soup of the Day

Wednesday: chicken dumpling

Thursday: tomato

Friday: clam chowder

Monday: knoeffa

Tuesday: Wisconsin cheese

Wednesday: minestrone

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 to check out the daily specials.

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 Association for PET Container Resources (NAPCOR) Central Region Office
PET Plastic Bottle Recycling Projects
Contact: Tim Warren, (636) 273-4191 or Twarren@napcor.com
Deadline: March 17

The Central Regional Office of NAPCOR is seeking qualified organizations in the region to undertake projects that support NAPCOR's PET plastic bottle collection and recycling objectives. Proposals suitable for funding might include innovative PET plastic container collection programs for amusement parks, airports, zoos, colleges and universities, sports venues or convenience stores; public education campaigns utilizing unique messages or media delivery; school education or collection programs; or community wide events that draw attention to existing collection systems for PET containers. All proposed projects should have a PET recycling education component.

U.S. Department of Agriculture
Distance Learning and Telemedicine
www.usda.gov/rus/dlt/dltregs.htm
Deadline: March 17 (grants),
Sept. 30 (loans or combination loans/grants)

The Rural Utilities Service (RUS) announces its Distance Learning and Telemedicine Program application window for funding during fiscal 2000. For FY 2000, \$20 million in grants and \$200 million in loans will be made available for distance learning and telemedicine projects serving rural America. The funding will be provided in three categories: (1) \$13 million will be available for grants; (2) \$130 million will be available for loans; and (3) \$77 million will be available for combination grants and loans (\$7 million in grants paired with \$70 million in loans).

U.S. Department of Education
Fund for the Improvement of Education (FIPSE)
European Community/United States Joint Consortia for Cooperation in Higher Education and Vocational Education
www.ed.gov/FIPSE
www.ed.gov/pubs/edpubs.html
Deadline: March 17

The objectives of this program are to (1) promote mutual understanding between the peoples of the European Community (EC) and the United States, including broader knowledge of their languages, cultures, and institutions; (2) improve the quality of human resource development in both the EC and the United States; (3) improve the quality of transatlantic student mobility; (4) encourage the exchange of expertise in new developments in higher education and vocational education and training; (5) form or enhance partnerships among higher education, vocational education, or training institutions, professional association, public authorities,

businesses and other organizations as appropriate in the United States and the EC; (6) introduce an added-value dimension to transatlantic cooperation which complements bilateral cooperation between member states of the EC and the United States as well as other EC and United States programs and initiatives in higher education and vocational training.

National Institutes of Health (NIH)
National Institute on Aging (NIA)
<http://grants.nih.gov/grants/guide/pa-files/PA-00-053.html>
Deadline: March 17

The National Institute on Aging is seeking small grant (R03) applications in specific areas to: 1) stimulate and facilitate the entry of promising new investigators into aging research, and 2) encourage established investigators to enter new targeted, high priority areas in this research field. This Small Grant (R03) Program provides support for pilot research that is likely to lead to a subsequent individual research project grant (R01) that is focused on aging and/or a significant advancement of aging research. Investigators may apply for a grant in one of the following areas: HIV/AIDS and aging, medication and aging, racial/ethnic differences, cardiovascular and cerebrovascular aging, stems cells, tissue repair, and cell replacement in aging; neural modeling, sensory and motor processing, Alzheimer's Disease drug discovery, sleep and circadian processes, extracellular matrix and cytoskeleton, functional senescence, psychoneuroimmunology, vaccine development, health-related consequences of female reproductive aging, biology of age-related prostate growth, nutrient modulation, basic underlying mechanisms of musculoskeletal aging, animal models of aging, tools for research on the genetics of aging, genetic epidemiology, data collection in population aging, personality and experimental social psychology, care for older people and work and older workers.

Society for the Psychological Study of Social Issues
Clara Mayo Grants
www.spssi.org/mayo.html
Deadline: March 31

The Clara Mayo Grants program supports masters' theses and pre-dissertation research on sexism, racism, or prejudice. Individuals who have matriculated in graduate programs in psychology, applied social science and related disciplines, who seek support of their master's thesis or pre-dissertation research are eligible to apply. Studies of the application of theory or the design of interventions or treatments to address these problems are welcome. Proposals that include a college or university agreement to match the amount requested will be favored, but proposals without matching funds also will be considered.

Calendar

March

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

1-30 Mike Marth Exhibition: "Still Life Series," Reineke Visual Arts Gallery

1 Open forum by James Rhyne, candidate for vice president for research, creative activities and technology transfer, 2:30-4 p.m., Memorial Union Century Theater

1 Varsity Band and Jazz Combo concert, 8 p.m., Festival Concert Hall

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

2 Chemistry—Rev. Wilfred Theisen, St. John's University, "Alchemy: Science or Religion?" 3:45 p.m., Dunbar 152

3 Problem-Based Learning workshop, 8-10 a.m. and 1-3 p.m., Memorial Union Century Theater

3 Animal and Range Sciences—Sarah Shellito, "Effects of Dietary Regimen on Conjugated Linoleic Acid Content and Milkfat," 3 p.m., Hultz 104

3 Psychology—John Wagner, "Hippocampal Function: Does Synaptic Plasticity Underlie Behavior?" 3:30 p.m., Minard 209

3 Women's and men's basketball vs. Northern Colorado, 6 p.m. and 8 p.m., Bison Sports Arena

3 Plant Sciences—Daniel Melaas, graduate seminar, "Sustainable and Low Input Agriculture in North Dakota," 3:30 p.m., Loftsgard 380

3-4 Little Country Theatre presents "The Crucible," 8 p.m., Askanase Auditorium

4 Women's and men's basketball vs. Nebraska-Omaha, 6 p.m. and 8 p.m., Bison Sports Arena

6 Open forum by Philip Boudjouk, candidate for vice president for research, creative activities and technology transfer, 2:30-4 p.m., Memorial Union Century Theater

7 Tri-College Seminar—Tri-College Global Climate Change Seminar, Allan Ashworth and Donald Schwert will discuss the response of organisms to climate change, 6:30-9:30 p.m., Van Es 101

8 Open forum by C.A. Speer, candidate for vice president for research, creative activities and technology transfer, 2:30-4 p.m., Memorial Union Century Theater

8 Retirement reception for Jackie Kragerud, 2-4:30 p.m., Northern Crop Science Laboratory

8 Joint departmental and college seminar (Physics, Zoology, Psychology, Electrical and Computer Engineering)—Michael Grace, Florida Institute of Technology, "Snake Infrared 'Vision': What Snakes Know that Biologists, Sensory Psychologists, Physicists, Engineers and the Military Would like to Know," 3 p.m., Loftsgard 114 (see: www.ndsu.nodak.edu/instruct/grier/IRseminar.shtml)

9 Chemistry—Edgar Arriaga, University of Minnesota, "Miniaturizing Analytical Chemistry: Analysis of Cells and Organelles," 3:45 p.m., Dunbar 152

9 TIAA-CREF representative on campus, Old Main, Log Cabin; call 1-800-842-2009 to schedule an appointment

10 Psychology—Jana Iverson, University of Missouri, "Links between Gesture, Speech and Cognition: There's more to the hand than meets the eye," 3:30 p.m., Minard 209

10 TIAA-CREF representative on campus, Old Main, Log Cabin; call 1-800-842-2009 to schedule an appointment

13-17 Spring break, no classes

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 Classes resume

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 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

27 Advising week begins for fall 1999 semester

27-31 International Week

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

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 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

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
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