

Athletic director search narrows

The search for a new NDSU director of intercollegiate athletics has narrowed to seven semi-finalists. On March 29, a screening sub-committee of the committee conducting the national search chose the names from a 13-person "A list" of candidates.

Selected to visit campus April 7-8 for interviews were Thomas J. Collins, senior associate director of athletics, Arizona State University, Tempe; Joel W. Erdmann, assistant athletic director, University of South Alabama, Mobile; Alan I. Molde, director of athletics, Gustavus Adolphus College, St. Peter, Minn.; Robert W. Mullen, director of athletics, University of Massachusetts-Dartmouth; Jeffrey W. Schemmel, senior associate athletic director, University of Minnesota, Minneapolis; Gene F. Taylor, associate director of athletics, U.S. Naval Academy, Annapolis, Md.; and Terry L. Wanless, president, Grace Unlimited Consulting, Grand Forks, N.D., and former University of North Dakota athletic director.

"I'm very pleased with the committee's work. We're moving in exactly the right direction," said John Miller, committee chair and director of the NDSU Division of Fine Arts, noting the visiting candidates also will tour NDSU and its athletic facilities. "We're right on schedule. We're bringing in seven people, all with strong credentials, and I couldn't be happier."

Representatives of the search consulting firm Alden-Perry Athletics Search, Amherst, Mass., helped the screening sub-committee through its work selecting the semi-finalists. "They are all going to be good candidates and it will be a very competitive finish to the search," said Betsy Alden, a partner in the firm. "I'm very pleased that the process seemed to go so easily with the committee. People seemed very comfortable with the work and analysis we've done. They understand what they are looking for."

The search committee has the charge of forwarding the names of a minimum of three unranked finalists to President Joseph A. Chapman for his consideration. That information is to also include strengths and weaknesses of the finalists.

Cellular One awarded contract

Cellular One has been awarded a contract to provide cellular telephone service to the North Dakota University System and North Dakota state government.

The contract requires each cellular telephone user to select one of the new plans that best suits their departmental needs.

Two informational meetings are scheduled for 10 a.m. and 2 p.m. Thursday, April 12, in the Memorial Union's Meadowlark Room. The university's Cellular One representative will be available to discuss the available options and answer any questions. Each cellular user is asked to attend one of the meetings to determine their plan change.

If you need additional information or have any questions, please call Kathie Silkey in the telecommunications office at 1-7166.

TIAA-CREF representative to visit campus

TIAA-CREF representative Linda Robinson is scheduled to visit campus at 10 a.m. Thursday, April 17, in the Memorial Union's Peace Garden Room to discuss tax-sheltered annuities. Employees who want to begin planning for retirement by saving money on a "pre-tax" basis, or are interested in the annuities are welcome to attend the presentation.

Next Issue

Publication date: Wednesday, April 11
Submissions due: noon April 5
Old Main 204
Voice: 231-8326
Fax: 231-1989
epuffe@gwmail.nodak.edu

Two to receive honorary doctorates

Catherine Cater, professor emeritus of English, and NDSU alumna Evelyn R. Morrow Lebedeff will receive honorary doctorates during commencement ceremonies scheduled for 9 a.m. Saturday, May 12, at the Fargodome.

Lebedeff graduated in 1928 with a major in home economics, and has maintained a close relationship with the university ever since. A contributor of scholarship monies for more than 20 years, Lebedeff received the NDSU Alumni Achievement Award in 1968.

"When she came to college she was offered a \$200 scholarship to cover four years. Her parents told her if she were to accept it, she would need to pay it back when she could. Evelyn has followed those words throughout her life," wrote Nancy Gress, director of student services and advancement in the College of Human Development and Education, in a nomination letter. "She has given back her scholarship by five endowments, a building and an outdoor laboratory for the child care center."

Lebedeff began a distinguished career of public service by teaching home economics at Sheldon, N.D., and Ada, Minn. From 1936 to 1945, she served as county home demonstration agent in Watonwan County, St. James, Minn. In this capacity, she worked with 4-H Clubs, Young Men and Women's Clubs, and adult groups involved with agriculture and home economics.

She was appointed district home agent supervisor of the Minnesota Agricultural Extension Service in 1945, where she assisted in the establishment of home demonstration work in 26 counties in northwest Minnesota. She held the position until 1956.

Lebedeff decided to further her education, attending the University of Chicago. She earned a master's degree in administration in 1953 and a doctorate in adult education and administration in 1957.

In December 1957, she was named director of family services at Purdue University to work specifically with the Purdue-Calumet Development Foundation in East Chicago, Ill.

In 1958, she accepted a position with the University of Nebraska to travel to Turkey to assist in the development of a School of Home Economics at the University of Ankara. It was a position she held for more than six years.

Her life experiences abound. She personally financed a trip around the world, visiting 24 countries to study educational systems and technical assistance programs.

"Evelyn's incredible life goes on—but a favorite story is that after her success at the University of Ankara, President Nasser of Egypt entertained her and asked that she do the same task at the University of Cairo," wrote Virginia Clark, dean of human development and education, in a letter of nomination, noting that Lebedeff declined the offer. "Other names of people in history like Mahatma Ghandi, King Hussein of Jordan, King Frederick of Denmark, Golda Meir, Saddam Hussein, President Eisenhower and the Pope—she has a personal story with all of them."

Lebedeff was active in many professional organizations, including secretary and president of the State Home Agents Association; served as district counselor, vice president and

president of the National Home Agents Association; and was chair of numerous state and national Home Economics Association committees. She was the Minnesota delegate to the Associate Country of Women of the World meeting in Denmark in 1950 and was a delegate to the 1953 international meeting of the Quota Club in Chicago.

A story on Cater will appear in the April 11 issue of It's Happening.

Equine studies program approved

A new equine studies program at NDSU was approved by the State Board of Higher Education March 29. The program, which anticipates attracting about 50 students each year, will begin this fall and offer an undergraduate major, minor or certificate program.

"I'm tremendously excited about the program because it is going to add quite significantly to our program," said James Tilton, chair of animal and range sciences. "It's also going to benefit many other programs in agriculture and across the university. Students may need some minor supporting courses in this area, so a number of majors across the campus could conceivably benefit from this program."

Tilton said the program is already attracting interest from students in North Dakota and Minnesota, with one student from Wyoming visiting NDSU to inquire about it. "It has generated significant interest on the part of students getting ready to enroll at NDSU and students presently enrolled at other two-year programs," Tilton said. "I've had numerous students come through other departments asking about the program and expressing interest. We're looking for a fair number of students for the fall."

According to the proposal presented to the board, the program will cost \$75,000 per year. The money will come from university discretionary funds, tuition and gifts.

Tilton added that there are discussions underway with organizers of a proposed Fargo racetrack to work together in some areas. "We're putting together memorandums of understanding, but nothing has been finalized," he said. "Until we hear differently, we are treating this as an NDSU venture and trying to build a program as best we can that way."

Nominations sought for volunteer awards

The Volunteer Network is seeking nominations for the annual Outstanding Volunteer Awards, to be presented at the Leadership Recognition Banquet scheduled for Wednesday, April 25, in the Memorial Union. The group honors student volunteers and student organizations.

Nominations are requested by April 11. For more information, contact Ginie Darsow or Nicole Bakke at 1-1055. Nominations also may be sent to 360 Memorial Union or e-mailed to volunteern@hotmail.com.

ND EPSCoR announces doctoral assistantships

North Dakota EPSCoR is accepting requests for doctoral dissertation research assistantship awards scheduled to begin on or about July 1. The assistantships are designed to increase the number of doctoral degrees awarded in North Dakota in the sciences, engineering and mathematics, and to increase the number of proposals eligible to receive funding from the National Science Foundation.

The full request for proposal is posted on the Web at www.ndsu.nodak.edu/epscor. Proposals are due to one of the EPSCoR offices on or before noon Thursday, May 17. Award announcements will be made on or about June 16.

Up to five assistantships may be awarded at each research university. The selection committee at each university consists of the graduate school dean, principal research administrator and two members of the ND EPSCoR steering committee.

Questions should be directed to David R. Givers, assistant project director, at 1-7516, or david_givers@ndsu.nodak.edu.

Interactive video network sets record

The North Dakota Interactive Video Network (IVN) is delivering 101 credit classes this semester, a record for the most credit classes ever delivered by the network in one semester.

John Burbank, IVN director, says setting the record coincides with a critical juncture in the future of videoconferencing in the state. The State Legislature is currently studying plans to expand videoconferencing capabilities to K-12 schools, state agencies, county and city government offices and libraries in North Dakota.

Burbank said IVN's successful 10-year track record provides a glimpse into the future potential of a statewide video network. "Videoconferencing can bridge the gaps in so many ways. Schools that have limited resources will be able to offer classes they couldn't otherwise provide, meetings can be conducted without the need to travel and people living in rural communities will have new access to resources not currently available," he said.

Over the years, IVN has given thousands of North Dakota residents the opportunity to take university classes and receive degrees without having to relocate. IVN students have graduated with degrees ranging from associate's to master's degrees. Classes and programs are varied, including nursing, social work, business administration, education and general education courses.

IVN classrooms are located at all 11 North Dakota University System campuses, the state capitol, the state hospital, five tribal colleges and 23 K-12 schools in the Great Western Network. IVN also provides videoconferencing links to national and global videoconferencing facilities.

IVN delivered its first university credit classes during 1990. At that time, the fledgling network delivered 14 credit classes to six sites across the state. The network now connects 57 classrooms in 32 North Dakota communities. In addition to credit classes, IVN is used to deliver a variety of non-credit classes, meetings and other events.

Entrepreneurship program to begin new sessions

The "Tech Savvy Entrepreneurship Program," a joint effort of the business colleges at NDSU, University of North Dakota and Minot State University, is scheduled to begin its second year of educational sessions April 27-28. The weekend classes are intended to aid area entrepreneurs with business planning, innovative thinking and the establishment of technology-based businesses.

"The Tech Savvy Program's timing is perfect. It complements the Greater North Dakota Association's new economy initiatives and is responsive to many of the needs being identified," said Jay Leitch, dean of business administration. "Not only is this the right time to deliver this type of training, but the market is right for entrepreneurs with good ideas and solid business plans."

The collaborative effort will present six instructional modules, each 12 hours in length, that focus on the development and packaging of competitive business plans. The sessions will be presented simultaneously in Fargo, Grand Forks, Minot and Bismarck via interactive video.

Each presentation team will include a lead entrepreneur and a professional instructor from the hosting university. Individual mentoring for participants also will be provided.

Additional modules are planned for May 18-19, June 8-9, Sept. 7-8, Sept. 28-29 and Oct. 19-20. Each session will be held 5:30-9:30 p.m. on Fridays and 8 a.m.-4:30 p.m. on Saturdays.

During the sessions, participants will explore topics such as evaluating business opportunity, setting goals, competitive analysis, presenting plans to investors, market research and strategy, developing a business strategy, finances, legal and tax issues, licensing, corporate structures, quantitative risk management and building a winning management team.

"I found it much easier to implement the planning process and to develop a valid business plan after completing the program," said Kari Warberg, president, Earth-Kind Inc., New Town, N.D., who participated in last year's sessions.

Mark Neary, president, Bygland Machine Works, Fargo, agreed. "After having been in business for three years without any viable business plan and with no real business management expertise, Tech Savvy provided me with the tools and expertise that enabled me to identify strengths and weaknesses in my business. The business plan also opened the door to access working capital and to begin orderly growth in the company."

Another participant in the 2000 program, Darryl Sale, president and chief executive officer, Super-Res Imaging LLC, Grand Forks, N.D., said, "The Tech Savvy sessions were extremely helpful and increased my awareness of the many aspects of building a business from the ground up."

The registration fee for the program is \$795, which covers the cost of instruction, print materials and refreshments. For more information, contact Galen Cariveau, director of the UND Office of Work Force Development, at (701) 777-2313 or e-mail at galen_cariveau@mail.und.nodak.edu.

Staff Senate nominations sought

The NDSU Staff Senate has 38 vacant positions for the 2001 term. The deadline for nominations has been extended to April 6, with elections scheduled for the week of April 16.

Staff Senate is comprised of approximately 5 percent of the total number of staff members designated as regular benefited employees of NDSU in several band areas. The number of senators in each job category, along with the number of vacant positions for 2001, is shown in the following table.

Band	Title	Total	Vacancies
1000, 3000	Administrative/ Managerial	21	14
4000	Technical and Paraprofessional	10	3
5000	Office Support	14	10
6000	Crafts and Trades	2	1
7000	Service/Maintenance	10	10
Total		57	38

Senate members are normally elected for two-year terms, with approximately half of the membership elected each year.

All classified staff members in the 1000 and 3000-7000 job categories are encouraged to nominate themselves and others for Staff Senate. If you are nominating someone else, please check with him or her before doing so. Nominees also are encouraged to discuss the opportunity of serving with their supervisors before accepting a nomination.

Nominations can be made at http://courseinfo.ndsu.nodak.edu:8080/courses/Staff_Senate/index.html.

When prompted, use your NAID number, without the check digit, for both the username and password. A list of all eligible classified staff is available at the site.

If you have any questions or would prefer to place a nomination by telephone, call a member of the Staff Senate Election Committee. Members are Char Kuss, 1-7712; Jane Lessard, 1-7828; Bill Deissler, 1-8495; Dan Chihos, 1-8627; and Nancy Olson, 1-7100.

NDSU Libraries announces hours for Easter break

All NDSU Libraries will close at 5 p.m. Thursday, April 12, and remain closed through Sunday, April 15. Regular academic hours resume Monday, April 16.

A current listing of hours may be found using the HRS command in the online catalog at www.lib.ndsu.nodak.edu, or by calling 1-9456.

New traineeship program announced

The Center for Advanced Technology Transfer and Traineeships (CATTT) has announced four new traineeship programs for graduate students. The programs are made possible with \$250,000 in new funding from the U.S. Department of Education, and are designed to improve existing links or establish new ones with technology-based companies in North Dakota and the region.

The traineeships can provide matching funds to companies that offer advanced technology training to graduate students at their site. Students become company employees, and the center reimburses the company dollar for dollar up to \$6.25 per hour. The renewable traineeships can last from one semester to one year, and all major areas of study are eligible.

Companies wishing to support technology related research through assistantships or faculty research can obtain matching support of up to \$4,800 each year for two years as part of a cooperative agreement with NDSU.

Students whose thesis or dissertation utilizes advanced technology may apply for a one-year, \$2,400 Technology Transfer Graduate Traineeship. The traineeships are available immediately to current and incoming graduate students. The student and adviser participate in technology transfer workshop in August to establish links with one or more companies who may be interested in their research. The research is presented in a January Technology Transfer Symposium. A faculty adviser must write a letter to the center, describing the research, existing or potential interest in the research by regional companies and the credentials of the proposed trainee.

A two-year, half-time graduate traineeship of \$12,000 per year, is available starting July 1 to a graduate student in any major wishing to work in the office of Dale Zetocha, technology transfer director. The student would prepare a master's thesis on a technology transfer topic. Contact Zetocha at 1-8931 or dzetocha@ndsuxext.nodak.edu.

Interested companies or faculty who have contacts with a company, should contact the center for more information. Applications will be reviewed beginning Monday, April 9.

Additional information about application procedures and deadlines can be found at www.ndsu.edu/cattt. You also may contact Greg McCarthy, center director, at 1-7193 or e-mail Greg_McCarthy@ndsu.nodak.edu, or David Givers, assistant director, at 1-7516 or e-mail David_Givers@ndsu.nodak.edu.

Science, math, engineering, technology program fellowships available

The NDSU Graduate Student University School Collaborative for Science, Mathematics, Engineering, and Technology (GraSUS) program is accepting applications for 10 graduate and eight undergraduate fellowships

Graduate student fellows are eligible to receive \$18,000 per year, and undergraduate students \$5,500 per year. The fellowships, supported by a grant from the National Science Foundation, are scheduled to begin August 16. Each week, graduate fellows will devote 20 hours, and undergraduate fellows will dedicate 10 hours to the program. Much of the time will be spent in pre-college classrooms.

The program's mission is to enhance science and mathematics education in grades 6-12 through the direct involvement of graduate and advanced undergraduate students in science, math, engineering and technology (SMET) disciplines. The program also will provide classroom help and enhanced professional development to science and mathematics teachers.

Applicants must be a U.S. citizen or a permanent resident at the time of application. They must be either be a graduate student enrolled in a science, math, engineering and technology program or be an advanced undergraduate SMET major who has demonstrated a strong proficiency in mathematics and science. Potential fellows will be evaluated on their academic record and other factors related improving grade 6-12 education, evidence of leadership and record of teaching or other educational involvement.

Program information and fellowship applications are available at www.ndsu.edu/grasus. Applications will be accepted at the Center for Science and Mathematics Education, Stevens 224, until 5 p.m. Tuesday, April 17. Applicants will interviewed, and award notification will be made in early May.

People

Newell studies foot-and-mouth disease

Teresa Newell, veterinary pathologist, recently participated in a two-week USDA training program on foreign animal diseases at the Plum Island Animal Disease Center, Plum Island, N.Y.

Newell, an animal disease specialist, says that foot-and-mouth disease is just one of dozens of foreign livestock diseases that threaten the U.S. livestock industry. The program illustrated the number of ways that disease can be spread, including garbage from international flights and the natural migration of birds. Travelers may harbor disease in their lungs, on their clothing or in contraband in their luggage.

"We may seem to be very isolated here, but when you consider travel today, we are definitely at risk," says Newell. "Someone from the United Kingdom could be in North Dakota in less than 24 hours."

The Plum Island Center is the only place in the country where certain highly infectious foreign animal diseases, such as foot-and-mouth, are studied. The center's focus is to keep those diseases out of the United States by finding quicker ways to diagnose and treat them. Research is carried out in "biocontainment," which means people must take specific precautions with their clothing and hygiene when entering and exiting the research areas.

Newell observed live animals suffering from foot-and-mouth and post-mortem examinations. She also studied diseases that threaten livestock in other parts of the world but have been eradicated or have not infected animals in the United States.

She said the training made her more aware of potential problems that the region's livestock producers could face. "It was a pretty sobering experience," Newell said. "I hope that I never have to diagnose a case of any of those diseases. Handling anthrax cases here and seeing the impacts on producers is bad enough. It makes you question whether you really want to be responsible for diagnosing a case of foot-and-mouth and setting off a chain of events like what's occurring in Europe."

Longtime county extension agent dies

Walt Ness, 75, who worked for the NDSU Extension Service for 32 years, died March 25 after a battle with cancer.

A 1951 graduate of NDSU in animal science and agricultural economics, Ness worked as a county extension agent for Barnes, McLean, Traill and Cass Counties. He also worked in public relations for First Bank and the Holiday Inn, Fargo.

His many honors included the Pioneer Award from the Northwest Farm Managers, the International Sugarbeet Institute Meritorious Service Award and the 1999 Agri-business Award presented at the NDSU Harvest Bowl.

He was active in the Red River Valley Fair, Agassiz Club, NDSU Harvest Bowl, President's Ag Club, Team Makers, Rotary, Elks, Eagles and extension service professional organizations. He also was a councilman and member of Olivet Lutheran Church, Fargo.

Faculty present at counseling conferences

School of Education faculty members Bob Nielsen, associate professor; Waulene Pennymon, assistant professor; and Jim Wigtil, professor and chair, were presenters at the American Counseling Association annual conference held March 15-20, in San Antonio.

Nielsen presented his work with the American Association of State Counseling Boards concerning counselor license portability to the ACA Professionalization Committee. He also chaired the AASCB Standards Committee meeting.

Wigtil led the Association for Counselor Education and Supervision Department Chair Network meeting, and represented the Association for Specialists in Group Work on the ACA Governing Council. Pennymon presented "Making the Connection: Multicultural and Social Advocacy Competencies."

Presentations also were given at the North Dakota Counseling Association winter conference in Bismarck. Nielsen and Steve Hundley, assistant professor, spoke on "Affective vs. Cognitive Counseling," and Nielsen presented "National Licensure." Hundley and Wigtil also presented "Efficiency and Effectiveness Considerations for School Counselors."

Ron Stammen, associate professor, and Mark Schmidt, instructor, conducted a pre-conference workshop on "Technology Applications for Counselors and Administrators" at the winter conference.

Agriculture faculty, staff honored for exceptional service

Twenty-nine agriculture faculty and staff were recognized for their service during a recognition and awards program March 20. Individuals were nominated by their colleagues, and a \$500 honorarium was given to individual award winners in each category. Individual award winners are:



Norland

Charles and Linda Moses Staff Award for Excellence

Jack Norland began his career at NDSU as a research technician in animal and range sciences in 1992. He is now part of a research team studying the effects of grazing on prairie ecosystems and other range-related topics.



Gilbery

Rick and Judy Burgum Technical Staff Award for Excellence

Since joining animal and range sciences as a research technician in 1984, Trent Gilbery has worked with various nutrition groups within the department, and with several species of research animals. He is currently a technician in the beef cattle nutrition area.



Jensen

Donald and Jo Anderson Clerical Staff Award for Excellence

Carol Jensen, information processing specialist in agribusiness and applied economics, came to NDSU in 1985 and has been involved in the department's print and electronic publishing efforts. She is responsible for significant advances in departmental teaching, research and outreach activities.



DeVuyst

Earl and Dorothy Foster Excellence in Teaching Award, Early Career

Eric DeVuyst, assistant professor in agribusiness and applied economics, has directed the teaching and research program in production economics and farm management since 1999. He was instrumental in revitalizing the senior farm management class.



Tilton

H. Roald and Janet Lund Excellence in Teaching Award, Senior Career

Jim Tilton, professor and chair in animal and range sciences, joined the NDSU faculty in 1965. During his career, he has taught numerous classes and has twice served as interim department chair. He was the first in his department to offer coursework via the state IVN system.



Lorenzen

Larson/Yaggie Excellence in Research Award, Early Career

James Lorenzen joined NDSU in 1991 and is now assistant professor in plant sciences. His research efforts include potato physiology and germplasm enhancement, with emphasis on resistance to insects and diseases; gene mapping and expression; glycoalkaloid metabolism; and agronomic studies.



Chang

Eugene R. Dahl Excellence in Research Award, Senior Career

Since joining the cereal science faculty in 1984, Sam Chang has done extensive research and development in soybean utilization and processing. He has done work with parameters that affect tofu yield, textural properties, the effects of processing on components and tofu quality, and the effects of physical damage and storage of soybeans on yield and tofu quality.



Holes-Dickson

Excellence in Extension, Early Career

Barb Holes-Dickson, family nutrition program specialist, has been at NDSU since 1996. At that time, 24 North Dakota counties participated in the USDA-sponsored Family Nutrition Program, which brings information on improving nutritional practices and stretching the food dollar to food stamp recipients. Under her guidance, the program will include every county in the state by October of this year.



Flaskerud

AGSCO Excellence in Extension Award, Senior Career

George Flaskerud began his career at NDSU in 1987 as a part-time extension associate in grain marketing. Later that year, he joined the faculty, and now serves as professor in agribusiness and applied economics. He provides program leadership in the areas of integrated crops marketing and farm management, and develops educational materials for producers and field staff.

Graduate student wins award

Erin Hodgson, graduate student, recently took second place and won a cash award for her master thesis presentation, "Within-Field Spatio-Temporal Distribution of Immature Sunflower Midge," at the North Central Branch Entomological Society of America meeting in Ft. Collins, Colo.

Hodgson's faculty advisers are Gary Brewer, professor and chair of entomology, and Ian MacRae, adjunct professor of entomology.

Griffin studies European transportation issues

Upper Great Plains Transportation Institute director Gene Griffin is the academic representative on a panel now studying European transportation issues. The 10-member group was selected and sponsored by the U.S. Federal Highway Administration and the American Association of State Highway and Transportation Officials.

Griffin, who left March 23 and will return April 8, is scheduled to visit Sweden, Germany, France and the United Kingdom. The panel will meet with transportation officials from government, private and academic areas.

Because agencies in the United States are grappling with how to hire and retain technical and administrative workers, the panel will investigate European solutions and failures in hiring and retention, and how they train or retrain workers to meet changing needs.

According to Griffin, transportation has become a high tech business and finding qualified people to fill positions has become more difficult. He points out that the number of engineering students in the United States has not kept pace with growing demand. Another study topic will be human capital issues, focusing on the career goals of incoming students and how their needs can be met in the transportation profession.

Concert choir performs for national choral directors

The NDSU Concert Choir recently performed for the National Choir Directors Association in San Antonio. The choir, under the direction of Jo Ann Miller, was invited to perform for the association as part of their spring tour.

"An invitation of this magnitude is something that maybe happens to a choir once every 50 years, and certainly not in every choral director's life," said Thomas Riley, dean of arts, humanities and social sciences.

Under Miller's direction, the choir has been invited to perform at many state and regional music conventions, and with regional orchestras. The choir tours each spring and has performed in 30 states and several Canadian provinces. They also travel to Europe every four years, most recently touring Italy in 1998.

Miller has been director of choral activities since 1989. In addition to directing the choir, she conducts the Madrigal Singers, and teaches classes in conducting, choral arranging and music education. She also is the musical director for the Fargo-Moorhead Chamber Choral.

Six students selected for McNair Scholars program

NDSU seniors Corey W. Askin, Magdalena Rose Brockel, Tamara G. Brudy and Walter Young II, and juniors Amy Bertelsen and Brandon Kopp have been selected to participate in the McNair Scholars program.

Askin, a Fargo native, is a geology major. Brockel, Bismarck, N.D., is majoring in psychology. Brudy, also from Fargo, is a physical education major. Young is from Peoria, Ill., and is a mechanical engineering major. Bertelsen, Wahpeton, N.D., is a family and consumer sciences major. Kopp is from Fargo, and is a psychology major.

Students chosen for the McNair program are juniors and seniors who show an interest in research and have an aptitude to pursue a doctorate. It is expected that the scholars will pursue careers in college teaching and research upon completion of their doctorates.

Each student receives support from a faculty and library mentor. Donald Schwert, professor of geology, is the faculty mentor for Askin, and Margaret Wilson, assistant professor of psychology, is the faculty mentor for Brockel. Donna Terbizan, associate professor of health, physical education and recreation is the faculty mentor for Brudy and Uday K. Vaidya, associate professor of mechanical engineering, is the faculty mentor for Young. Anissa Wilhelm, assistant professor in the School of Education, is the faculty mentor for Bertelsen and Raymond Miltenberger, professor of psychology, is the faculty mentor for Kopp.

Lura Joseph is the library mentor for Askin. Kathy Enger is the library mentor for Brockel, Kopp, Bertelsen and Brudy. Mark England is the library mentor for Young.

The McNair Scholars program is named for Ronald E. McNair, crew member of the space shuttle Challenger. The Office of TRIO programs in the Division of Student Affairs has administered the program since 1989 when the university was selected as one of the 14 original institutions selected to implement the program.

For additional information, contact McNair Scholars program director Kay Modin at 1-8029.

Moonbuggy team receives NASA grant fellowship

A senior design team in the mechanical engineering department has received a \$10,000 Space Grant Fellowship from NASA. The grant will help the team's efforts to modify a human powered vehicle, called a moonbuggy, which was designed, built and raced in last year's Great Moonbuggy Race.

The team, which has been working since January to modify the suspension, drive train and steering systems, will travel to NASA's Marshall Space Flight Center, Huntsville, Ala., in April to compete in the race again. High school and college design teams build and race their own moonbuggies, and compete with other teams by maneuvering their vehicle through a half-mile course that contains obstacles similar to features found on the surface of the moon.

Team members are Chris Sanden, Milo Thomas, Todd Evensen, Natalie Halstensaard and Eric Schmidt. The faculty advisor is Mohammad Mahinfallah, associate professor of mechanical engineering.

Additional information about the Great Moonbuggy Race can be found at <http://moonbuggy.msfc.nasa.gov/>.

Events

IRB schedules 'On the Road' course

The University of North Dakota is set to host a Public Responsibility in Medicine and Research and Institutional Review Board "On the Road" course Thursday and Friday, April 19 and 20, at the Alerus Center, Grand Forks. The NDSU Office of the Vice President for Research, Creative Activities and Technology Transfer is a major financial contributor to the course.

Thursday's session will focus on biomedical research, while behavioral research will be discussed on Friday. Representatives from area universities, agencies and hospitals are expected to attend.

Phil Boudjouk, vice president for research, creative activities and technology transfer, encourages faculty members, principal investigators and IRB members to attend the course to gain a basic knowledge of regulations and procedures for reviewing research involving human subjects. More information on the course is available from the Office of Research Administration at 1-8908 or on the Web at www.primr.org/101road.html.

The Office of the Vice President for Research, Creative Activities and Technology Transfer will cover any state mileage and registration expenses for those attending the course. If you are interested in attending one of the sessions, contact Kristie Eid, NDSU IRB director, at 1-8908 or e-mail kristie_onstad@ndsu.nodak.edu to coordinate the registration and travel arrangements.

Retirement reception planned for George LaPalm

A reception for George LaPalm, associate professor of civil engineering and construction, is planned for 9-11 a.m. Thursday, April 12, in the Engineering Administration conference room 201. LaPalm will retire in May after 27 years at NDSU. Everyone is welcome to attend the reception.

Groves to present Women's Studies symposium



Groves

Robert Groves, professor of music and music department coordinator, is scheduled to present "An Evolution of Female Imagery in Tin Pan Alley Song Sheets (circa 1890 to 1930)," at 3:30 p.m. Thursday, April 19, in Loftsgard 380.

In his presentation, Groves will explore how "Tin Pan Alley era" sheet music published in New York at the turn of the 20th century, encompassed the most lucrative and far-reaching segment of a growing American popular music industry. He will review, through relevant song texts and cover illustrations, the way in which many racial, ethnic and gender stereotypes of the era were defined and disseminated through this music. He also will discuss the effects on American cultural ideas and attitudes at a time when women's traditional roles and behaviors were openly being challenged and expanded. The presentation will mark the progression of stereotypical imagery of American women written and published by a male-dominated Tin Pan Alley industry between 1890 and 1930.

Groves has a doctorate in music literature from the University of Iowa, and has been teaching at NDSU since 1972. He currently teaches piano students and courses in music literature. He has traveled extensively in North Dakota presenting music-related programs and lectures for the North Dakota Humanities Council Speakers Bureau and for Great Books of the Great Plains.

Everyone is welcome to attend the symposium. For more information, contact Groves at 1-7090 or Robert_Groves@ndsu.nodak.edu. Anyone needing special assistance at the event should contact Kathleen Slobin at 1-8939 prior to the symposium.

Volunteer Recognition Day scheduled

Volunteer Recognition Day, featuring singer/songwriter, James Hersch, is scheduled for Tuesday, April 10. A reception for community volunteers from NDSU is planned for 6:30 p.m. that day, followed by a concert by Hersch at 7 p.m. in the Memorial Union's Cul-de-Sac lounge. The reception and concert are both free and open to the public.

Hersch has devoted his career to helping students and campuses connect with the community in which they live. He will take groups of volunteers to three diverse agencies in Fargo, to perform and interact with children, adults and the elderly.

For more information on the Volunteer Network of NDSU, or to volunteer that day, contact Ginie Darsow at 1-1055 or e-mail volunteern@hotmail.com.

Virologist team lectures slated

The husband and wife virologists Joseph McCormick and Susan Fisher-Hoch are scheduled to present two lectures Friday, April 27, in the Memorial Union's Century Theater. At 11 a.m., Fisher-Hoch will present "The Global Hunt for Emerging Pathogens; Adventures in Microbiology." McCormick's lecture, "HIV and Ebola New Plagues from Ancient Places," is scheduled for 2 p.m.

McCormick and Fisher-Hoch, formerly with the Centers for Disease Control, will discuss their work in both the laboratory and in the field with some of the world's most deadly viruses. They have worked on public health issues around the world, and co-authored "Level 4: Virus Hunters of the CDC." They both recently joined the faculty at the University of Texas School of Public Health, Brownsville.

The lectures are featured as part of NDSU's annual Hot Zone event, highlighting issues in disease and microbiology. The event also includes a "Bizarre Bazaar," scheduled for 1 p.m. that day, which features exhibits and demonstrations on research and unusual science.

NDSU assistive technology expo set

NDSU is scheduled to host the "Assistive Technology Expo" 10 a.m.-3 p.m. Wednesday, April 18, in the Memorial Union's Dakota Ballroom. The event is sponsored by NDSU Disability Services and Student Support Services.

The demonstrations will feature items provided by the Interagency Project for Assistive Technology, a federally funded, state-administered program. Highlighted technologies and devices provide assistance in the areas of adapted living, communication and computer access.

"Assistive technology is a rapidly developing field which is opening up new worlds for people with disabilities. We want to create an awareness on campus and in the community about what's out there," said Cathy Anderson, coordinator of Disability Services, noting this is the first expo of its kind to be held at NDSU. "The technologies that will be shown help people with disabilities become more involved in the environment around them. It can lead to more involvement in school, employment possibilities and social opportunities."

Some of the items expected to be demonstrated include augmentative communication devices, adaptive computer keyboards and input devices, a speaking Franklin dictionary and thesaurus, door knob adapters and a variety of switches and controls.

"Participants will be able to try out the items in a hands-on fashion," Anderson said. "There are expected to be eight tables to show the devices, which will be demonstrated by people from the IPAT."

Established under the Assistive Technology Act of 1998, North Dakota IPAT's mission is to reduce barriers and build the support systems necessary for individuals in the state to obtain and use assistive technology devices and services.

NDSU to participate in National Alcohol Screening Day

As part of National Alcohol Screening Day, NDSU has scheduled alcohol use screenings from 8 a.m.-5 p.m. Thursday and Friday, April 5-6 in Ceres Hall 212. The screenings will give students the opportunity to complete a brief self-assessment about their drinking habits and explore whether their behavior has changed as a result of drinking. Students also will have the chance to talk one-on-one with a health professional and, if appropriate, be directed to services on campus or in the community for further evaluation. The screenings, sponsored by Panhellenic Council, Counseling and Disability Services, and Orientation and Student Success, are confidential.

NDSU student "Tim B." will share his experiences with the negative effects of alcohol. His talk, "It's More Than Just a Drink," will be presented at 12:30 p.m. Thursday, April 5, in the Memorial Union's Peace Garden Room.

Although statistics indicate that college drinking is down from a decade ago, recent studies indicate frequent binge drinking has increased over the past 10 years. Binge drinking is defined for men as drinking five or more drinks in one sitting (four drinks for women), three or more times during a two-week period.

"Binge drinking can result in disciplinary problems, poor academic performance, property damage, risky sexual behavior, physical injury, illness and even death," said Anne Keliher, National Alcohol Screening Day program manager. "National Alcohol Screening Day 2001 will help students learn to recognize an alcohol problem in themselves or someone they care about and find out where they can go to get help."

For more information, contact Laura Oster-Aaland, Orientation and Student Success director, at 1-7750; Peggy Gaynor, Counseling and Disability Services director, at 1-7675; or Sara Collins, Panhellenic Council, at 237-4231.

'Alcohol Insanity Tour' to come to NDSU

Wendi Fox is scheduled to bring her "Alcohol Insanity Tour" to NDSU at 7:30 p.m. Monday, April 9, in the Festival Concert Hall. She will share her thoughts, experiences and personal opinions on how alcohol abuse has become a national catastrophe, especially in the college community.

Fox has spent the last eight years traveling across the county as a stand-up comic. Her comedy has been featured in colleges, clubs, newspapers, on radio and television.

In her presentation, Fox draws from her personal experience of being raised in an alcoholic environment to demonstrate the dangers of alcohol abuse. She cultivates awareness on the correlation between low self-esteem and alcohol abuse in today's society. Fox identifies problems and offers ideas on how to correct them, so that future generations don't carry on the legacy of alcohol abuse.

For more information, contact Megan O'Rourke at the NDSU Campus Attractions office at 1-7221.

Lawn mower, snow blower clinic set

Ag Systems Management and the American Society of Agricultural Engineers has scheduled a lawn mower and snow blower clinic for 7 p.m. Thursday, April 5, in the Ag Engineering building. A tune-up, oil change, spark plug change, air filter cleaning, blade sharpening and wash are included in the \$20 fee.

Pick-up and delivery service is available within Fargo, Moorhead and West Fargo city limits for an additional \$5. To schedule an appointment, call the agricultural and biosystems engineering office at 1-7261.

Bison Ambassadors to host conference

The Bison Ambassadors are scheduled to host the Association of Student Advancement Programs District VI conference April 5-8 on the NDSU campus.

Approximately 250 students from universities in Colorado, Iowa, Kansas, Nebraska, Missouri, and North and South Dakota will participate in the conference. Programs will focus on university advancement topics such as student recruitment, alumni relations and philanthropy. Delegates will participate in educational sessions, team-building activities and networking events.

The public is invited to attend a performance by the F-M Acro Team at 7:30 p.m. Saturday, April 7, at the Bentson-Bunker Fieldhouse.

4-H Club exchange student to give presentation

Sara Fritel, International 4-H Club Youth Exchange student, is scheduled to give a presentation at 2 p.m. Friday, April 6, in the Family Life Center's 4-H Foundation Library.

Fritel, a native of Wolford, N.D., was one of three students from North Dakota who represented the International 4-H Youth Exchange last year. She spent six months in the Netherlands living and working with host families across the country. "The experience opened my eyes to the world," said the 2000 NDSU graduate, who majored in child development and family science. "It is amazing that you can live with a family for only three weeks, but still feel like you are a member of the family."

The International 4-H Youth Exchange is an educational cultural exchange program designed to help increase international understanding and give emphasis to 4-H and similar youth programs throughout the world.

For more information, either to travel or become a host family, contact your county extension office, or Amy Fuglestad, program coordinator, at 1-7279, or afuglest@ndsuxt.nodak.edu.

Legislative Bill Status Report

Office of the NDSU General Counsel
The Legislature's Web site is located at www.state.nd.us/lr.
The phone number is 888-635-3447, but e-mailing your legislator is probably more efficient.

Descriptions in bold are new additions since the last report.
Report as of March 27

Senate Bills

SB 2003: NDUS appropriations. Appropriates to NDSU \$65,262,441 general fund. Moves all university salary money to the NDUS Office. Removes tuition from appropriated estimated income. Passed Senate as amended 49-0.

SB 2021: Agriculture appropriation. Appropriates \$51,742,895 general fund dollars. Passed Senate as amended 47-0.

SB 2022: Information Technology Department appropriation. Passed Senate as amended 48-0.

SB 2023: Appropriates \$296,348 to the Industrial Commission for bonding for NDSU energy improvement projects. Passed Senate as amended 48-1.

SB 2037: Amends 15-10-12 to provide for the continuing appropriation of special revenue funds, including tuition. Failed Senate 1-47. Was amended into SB 2003.

SB 2038: Amends 54-44.1-04 to require biennial budgets to include block grants for the NDUS for base, initiative and physical plant asset funding. Failed Senate 1-47. Was amended into SB 2003.

SB 2039: Amends 15-10-12.1 to authorize SBHE to approve construction of gift/grant financed improvements if not more than \$250,000. Passed Senate 48-1. Passed House as amended 91-0. House version changes improvements not more than \$250,000 to \$500,000.

SB 2041: Adds new sections to chapter 15-10 to implement Higher Education Roundtable strategic planning recommendations. Passed Senate 48-1.

SB 2042: Relates to powers of SBHE. Repeals patent chapter (47-28) and adds intellectual property policy authority to those powers. Passed Senate as amended 48-0.

SB 2082: Amends 54-52-17 to increase PERS retirement multiplier to 2 percent from 1.89 percent. Passed Senate 49-0. Passed House 93-0. Passed Senate with House amendments 93-0.

SB 2110: Continues Project Safe Send regarding the pesticide disposal program. The NDAES has a role in this program. Passed Senate 48-0. Passed House 84-13. Signed by governor.

SB 2117: Amends open record provisions, including 44-04-17.1, to include as a "public entity" any task force created by order of a president of a university if a majority of members are not employees. Passed Senate 49-0. **Passed House 98-0.**

SB 2136: Amends 15-10-19.1 defining a "resident student" for tuition purposes. Passed Senate 49-0. Passed House 86-7. Signed by governor.

SB 2137: Appropriates \$2.31 million to replace F Court and \$560,000 to renovate Robinson Hall. Passed Senate 49-0. Passed House 97-0. Governor signed.

SB 2151: Raises the fixed asset reporting exemption to \$5,000. Passed Senate 49-0. Passed House 96-0. Signed by governor.

SB 2280: Sets damage limits for destruction of crops, including test plots. Passed Senate as amended 49-0. Passed House 94-0. Signed by governor.

SB 2291: Mandates NDUS institutions accepting credit transfers in arts, humanities, natural and applied sciences from other NDUS institutions if student had at least a 2.0 grade point average. Passed Senate as amended 49-0. **Amended in the House to turn into a Legislative Council study on this during the 2001-02 interim. Passed House as amended 87-9.**

SB 2297: Increases lodging expense reimbursement from \$42 to \$45. Passed Senate as amended 47-2.

SB 2413: Adds a new section to chapter 4-24 requiring mediation or arbitration provisions in all contracts for production or sales of agriculture commodities. Passed Senate as amended 49-0.

SCR 4011: Directs the Legislative Council to study statewide delivery of library services. Adopted as amended in Senate. Passed House.

SCR 4051: Urging Congress to take all measures necessary to guard against spread of all livestock diseases, including hoof and mouth disease and bovine spongiform encephalopathy, and to encourage efforts in other countries to eradicate the disease with all possible celerity.

House Bills

HB 1003: Authorizes Attorney General to charge fees for State Fire Marshal services. Passed House as amended 97-0.

HB 1015: OMB Appropriation. Provides for 3 percent first year/2 percent second year raise guidelines. Passed House as amended 97-0.

HB 1026: Deficiency appropriation including \$1,609,200 to NDSU for flood expenditures. Passed House as amended 96-0.

HB 1043: Appropriates \$1 million to Bank of North Dakota to make student loan payments for resident students in target industries. Passed House as amended 65-32. **Failed Senate 20-29.**

HB 1046: Moves the faculty oath requirements into the higher education chapter, 15-10. Passed House 95-1. **Passed Senate as amended 49-0.**

HB 1099: Extends certain health benefits to PERS members who choose the alternate defined contribution plan. Passed House as amended 98-0. Passed Senate as amended 47-0. House refused to concur. House Speaker appointed a Conference Committee.

HB 1106: Adopts the Uniform Electronic Transactions Act, including legality of electronic signatures. Passed House 95-3. Passed Senate as amended 47-0. **Returned to House. Concurred and passed by House 98-0.**

HB 1118: Amends 18-08-12 to allow for fire inspections of state buildings (except residential buildings) every three years vs. annually. Passed House as amended 96-0. Passed Senate 46-0. Signed by governor.

HB 1147: Amends 24-02-03.3 to allow agencies to authorize use of personal vehicles versus state fleet vehicles. Passed House 90-7. Passed Senate 47-0. Signed by governor.

HB 1156: Amends 44-08-04.5 to authorize prepayment of lodging expenses if the agency can show reduced lodging costs. Passed House as amended 97-0. Passed Senate 47-0. Signed by governor.

HB 1157: Creates a quality schools initiative to assess quality of elementary and secondary schools. The chancellor is on the Advisory Board. Passed House as amended 97-0. **Failed Senate 2-47.**

HB 1181: Amends SBARE statutes regarding budget requests and payment of administrative expenses. Passed House as amended 81-14. Passed Senate 49-0.

HB 1182: Amends 49-21-01.1 to exempt higher education from PSC telecommuting regulation. Passed House as amended 96-1. Passed Senate as amended 38-10. **Conference Committees appointed in both House and Senate.**

HB 1197: Increases to 31 cents per mile (from 25 cents) the state motor vehicle travel reimbursement rate. Increases the out-of-state travel definition from in excess of 150 miles to 300 miles (one way) beyond the state border. Passed House 94-1. **Passed Senate as amended 49-0.**

HB 1200: Appropriates \$320,000 in general funds to the North Central Research Extension Center to purchase land. Passed House as amended 94-1.

HB 1216: Extends the October 1, 2001, time period for employees on PERS to transfer to the defined contribution plan under chapter 54-52.6. Passed House as amended 97-0. **Passed Senate 31-17.**

HB 1217: Extends to September 30, 2002, the time period for employees on PERS to transfer to the defined contribution plan under chapter 54-52.6. Passed House as amended 61-36.

HB 1283: Creates a student loan interest rate buydown program for employees in technology occupations. Passed House as amended 84-14. Passed Senate as amended 48-0. Senate version changes bill from a student loan interest rate buydown program to a technology occupations student loan program to be administered by SBHE. **House refused to concur. Conference Committee appointed.**

HB 1310: Appropriates \$120,000 of the student grant money in SB 2003 to the SBHE for scholarships for retraining elementary and secondary teachers.

HB 1338: Imposes, until July 31, 2003, a moratorium on genetically modified wheat seed. Passed House as amended 68-29.

HB 1360: Creates a nursing needs study to address supply and demand for nurses. Passed House as amended 96-0. Passed Senate as amended 36-10. House concurred. Passed House 95-0.

HB 1386: Construction managers shall bond entire cost of project through a single bond.

HB 1392: Removes the sales tax exemption for educational activities held in a public facility if gross receipts from an event exceeds \$5,000. Passed House 96-0. Passed Senate 47-0. Signed by governor.

HB 1435: Prohibition on discrimination and preferential treatment by the state. Passed House 71-26. Passed Senate as amended 25-23.

HB 1442: Restricts access to land by owners of genetically modified seed patents to determine patent infringement. Passed House as amended 94-4.

HB 1444: Student loan reduction program for high school teachers. Passed House as amended 93-4.

HCR 3046: Directs the Legislative Council to study issues relating to genetically modified wheat.

HCR 3061: Directs Legislative Council to study how demographic trends will affect delivery of education over the next 20 years.

Shorts and Reminders

Food production management meals

"Indian Cooking from an American Kitchen" is planned for noon Tuesday, April 10, in the lower level of West Dining Center. The menu includes tomato soup, matar chawal (rice with peas), raimah (curried kidney beans), rita (cucumber with yogurt), pita bread with butter, ice cream and coffee. The cost is \$5.40, or free to those on a meal plan.

Union Food Court specials for April 4-11

The Corner Deli

Wednesday: All-American wrap

Thursday: chicken

Friday: roast beef

Monday: corned beef

Tuesday: turkey

Wednesday: roast beef

More Than a Burger

Wednesday: mushroom Swiss burger

Thursday: grilled chicken

Friday: double cheeseburger

Monday: 1/4 pound hamburger

Tuesday: bacon cheeseburger

Wednesday: breaded chicken

A La Carte

Wednesday: sweet and sour chicken

Thursday: big Texan salad

Friday: hot meatloaf sandwich

Monday: fleischkuekle

Tuesday: pasta bar

Wednesday: chicken chow mein

Pizza Express

Wednesday: creamy garlic chicken

Thursday: Tuscany

Friday: once around the kitchen

Monday: Hawaiian

Tuesday: farmhouse

Wednesday: meatball

*Items are subject to change without notice.

Call the Dining Services Lunch Line at 1-9501 to check out daily specials. Questions or comments may be dropped in the suggestion boxes in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

Positions available

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

Catering Attendant
(Per Diem; some evenings and weekends)
Dining Services - Memorial Union
\$6.75/hour
Open until filled

Welder/Fabricator/#1254
Ag Service Center
\$23,750 minimum/year
April 23

Technical Director/#3226
Northern Crops Institute
\$50,000+/year
June 18 or until filled

Associate Director of Fitness Programs
Wellness Center
\$35,000+/year
April 12 or until filled

Center Administrative Coordinator
Center for Advanced Technology Transfer and Traineeships -
Research Administration
\$28,000 minimum/year
April 9 or until filled

Center Administrative Coordinator
Center for Advanced Technology Transfer and Traineeships -
Chemistry
\$28,000 minimum/year
April 9 or until filled

Development Director
Center for 4-H Youth Development - NDSU Extension
Service
Salary commensurate with qualifications, training
and experience
April 13 or until filled

Research Specialist/#4873
Plant Sciences
\$25,500+/year
April 9

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

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

Research Opportunities

The Office of Research Administration in Old Main 201K announces the following funding opportunities and deadlines. For more information, refer to the Web site or contact person provided below. For information about other grant opportunities, you may conduct an online funding search via SPIN, available at www.ndsu.nodak.edu/ndsu/sizer/SPINPlus/SPINPlus.htm.

**National Institute of General Medical Sciences
National Institute of Diabetes and Digestive and Kidney Diseases**

**National Institute of Environmental Health Sciences
Office of Dietary Supplements, Office of the Director, NIH**

Metals in Medicine-Grant Opportunity

Deadline: ongoing

<http://grants.nih.gov/grants/guide/pa-files/PA-01-071.html>

The objective of this program announcement is to encourage research that bridges the areas of inorganic chemistry and medicine. The mechanisms by which organisms control transition metal ions and the roles of these metals in cellular regulation and cell-cell signaling are of primary interest. The interactions of synthetic inorganic complexes with living systems and their components are a second area of interest. These areas are linked by the need to involve researchers having a deep understanding of inorganic chemistry with state-of-the-art problems in biomedical research. Much of the work is expected to involve collaborations between chemists, biochemists and cell and molecular biologists. The results will be relevant to understanding the mechanisms of metal toxicity and the basic cellular roles underlying the nutritional requirement for essential metals.

NASA

**NASA Summer School for High Performance
Computational Earth and Space Sciences-Summer 2001
Deadline: April 13; selection announcements are planned
for April 20**

http://webserv.gsfc.nasa.gov/ESS/summer_school.html

The NASA Goddard Space Flight Center's Earth and Space Data Computing Division and the Goddard Earth Sciences and Technology Center are soliciting applications from qualified graduate students to participate in an intensive lecture series in computational earth and space sciences during the three-week period July 9-27. Approximately 15 students will be selected to participate. The program aims to attract doctoral students in the Earth and space sciences disciplines whose present or future research requires large-scale numerical modeling on massively parallel architectures.

**Environmental Protection Agency
Market Mechanisms and Incentives for Environmental
Management**

Deadline: May 14

<http://es.epa.gov/ncerqa/rfa/market01.html>

The EPA invites applications for socioeconomic research on market-based mechanisms and other incentives for environmental quality management. Interest areas include the feasibility of trading systems for achieving water quality standards; the feasibility of applying fees and charges to achieve environmental quality standards; and the economic and environmental effects of providing information on environmental

releases or risk information to consumers, investors and/or producers of good and services.

**National Institutes of Health
Administration for Children, Youth, and Families**

Department of Justice

Department of Education

Child Neglect Grants

Deadline: June 1, Oct. 1, and Feb. 1

<http://grants.nih.gov/grants/guide/pa-files/PA-01-060.html>

A research funding initiative between these agencies continues and aims to fund large-scale research grants, exploratory and preliminary research that could lead to larger projects, short-term studies conducted by less experienced investigators, and feasibility studies that test methods and techniques new to child neglect research. Major research categories include: antecedents of neglect, including individual and social risk factors; consequences of long-term neglect, including neurobiological sequels/morbidity; processes and mediators accounting for or influencing the effects of neglect, including psychosocial and psychobiological mechanisms; treatment, prevention and service delivery; and other topics and issues.

**National Institutes of Health - National Center for
Research Resources**

Technology for Biomedical Applications

Deadline: June 1 and October 1 annually

<http://grants.nih.gov/grants/guide/pa-files/PAR-01-057.html>

The NIH NCRR is seeking phased innovation applications to develop new and improved instruments/devices, methods or software to be used in biomedical research. Proposed research may involve conceptualization, design, fabrication and/or testing of new instruments or devices. Areas of emphasis are biomedical engineering and technologies for the study of structure and function of biological systems at all levels of complexity.

Calendar

Through April 11 Baccalaureate exhibition, Reineke Visual Arts Gallery

Through April 6 Visual art senior thesis exhibit, Memorial Union Gallery; reception: 4-6 p.m., April 6

4 ITS – Access Grid seminar from University of Kentucky; Eli Dwek, NASA/Goddard Space Flight Center, “The Cosmic Infrared Background and its Cosmological Implications,” 2:30 p.m., IACC 422. Information at www.ndsu.nodak.edu/accessgrid/

5 Entomology—Jan Knodel, “Entomological Projects of Canola, Sunflower and Small Grains in North Central and Western North Dakota—Nuts and Bolts,” 1 p.m., Hultz 272

6 Animal and Range Sciences—Thomas Socha, “U.S. versus Chinese Hog Production,” 3 p.m., Hultz 104

6 Plant Sciences—Shana Forster, “Natural Plant Products used for Pest Management,” 3:30 p.m., Loftsgard 114

6 Willson and McKee Celtic Duo concert, 7:30 p.m., Memorial Union Gallery; \$6 admission

8 Music Honors Recital, 2 p.m., Beckwith Recital Hall

10 Chemistry—Jeff Aube, University of Kansas, “New Synthetic Chemistry Using Alkyl Azides,” 3:45 p.m., Dunbar 152

April 10 through May 4 Baccalaureate Exhibition—Jenny Jangula, Reineke Visual Arts Gallery; reception: 7:30-8:30 p.m., April 21

10-20 Senior comprehensive interior design projects, Memorial Union Gallery; reception: 4-6 p.m., April 10

11 ITS – Access Grid seminar from University of Kentucky; Chuck Goodrich, University of Maryland, “Space Weather Simulation,” 2:30 p.m., IACC 422. Information at www.ndsu.nodak.edu/accessgrid/

12 Entomology—Gregory Sword, USDA-ARS, Sidney, Mont., “Phenotypic Plasticity and the Evolution of Warning Coloration: The Demise of an Evolutionary Paradox?” 1 p.m., Hultz 272

12 Chemistry—K. Ravichandran is scheduled to present a lecture at 3:45 p.m. in Dunbar 152

13 Easter holiday, university closed

17-29 Baccalaureate exhibition, Reineke Visual Arts Gallery

18 ITS – Access Grid seminar from University of Kentucky; Linda Petzold, University of California Santa Barbara, “Sensitivity Analysis for Differential-Algebraic Equations: The Adjoin DAIE System and its Numerical Solution,” 2:30 p.m., IACC 422. Information at www.ndsu.nodak.edu/accessgrid/

19 Entomology - Robert Vennette, University of Minnesota, “Pest Risk Assessment: A Tool for Exotic Diseases and Insects,” 1 p.m., Hultz 272

19 NDSU Celebration of Faculty Excellence, Odney, Waldron, Peltier Awards to be presented, 3 p.m., Alumni Center Atrium

19 Chemistry—Alan W. Schwabacher, University of Wisconsin-Milwaukee, “One Dimensional Spatial Encoding: Combinatorial Synthesis On A Shoestring,” 3:45 p.m., Dunbar 152

20 Animal and Range Sciences—Mustafa Mirik, graduate student, “Prediction of Biomass and Foliar Chemistry using PROBE-1 Hyperspectral Imagery,” and Amy Radunz, graduate student, “Effect of Inclusion Level of Potato-Processing Waste in Finishing Diets on Ruminant Metabolism, Feedlot Performance and Meat Quality,” 3 p.m., Hultz 104

20 Plant Sciences—Rick Walker, “Niche Crop Alternatives for North Dakota,” 3:30 p.m., Loftsgard 114

24 Chemistry—Gary Roberts, University of Wisconsin, is scheduled to present a lecture at 3:45 p.m. in Dunbar 152

24 Free NDSU staff preview of Little Country Theatre's production of “Mass Appeal,” 7:30 p.m., Walsh Studio Theatre

24 Tri-College Women United Spring Networking Dinner, 6:30 p.m., Dakota Ballroom

24-25 Architecture and landscape architecture senior thesis preview days, Memorial Union Gallery; reception: 4-6 p.m., April 25

25-28 Little Country Theatre's production of “Mass Appeal,” 8 p.m., Walsh Studio Theatre; for tickets, call the Division of Fine Arts Box Office at 1-9442

25 Jazz Ensembles concert, 7:30 p.m., Festival Concert Hall

26 Entomology—David Branson, USDA-ARS, Sidney, Mont., “Effects of Livestock Grazing on Grasshopper Population Dynamics and Rangeland Vegetation During a Grasshopper Outbreak,” 1 p.m., Hultz 272

26 Chemistry—Pradeep Dhal, Gel Tex Pharmaceutical – Boston, “Polymeric Pharmaceuticals: From Idea to Marketplace,” 3:45 p.m., Dunbar 152

26-May 12 Architecture and landscape architecture senior thesis finalists; awards reception: 4-6 p.m., May 4

27 Animal and Range Sciences—Kevin Miller, graduate student, “Manganese and Magnesium in Cardiac Dysfunction,” and Manny Encinias, graduate student, “New Beginnings for Beef: Making it Better... Making it Safer – An Overview of the 2001 International Livestock Congress,” 3 p.m., Hultz 104

27 Plant Sciences—Samuel Lockhart, “Certified Seed Production in North Dakota,” 3:30 p.m., Loftsgard 114

27 Festival Concert Series presents Kraig Karges, illusionist, 7 p.m., Festival Concert Hall

28 Varsity Band and Brass Ensemble concert, 7:30 p.m., Festival Concert Hall

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

30 History – James D. Mochoruk, associate professor of History, University of North Dakota, “Constructing a Meaning for Northern Manitoba: The Cult of Developmentalism Moves North,” 7 p.m., Beckwith Recital Hall.

May

1 Gold Star concert band concert, 7:30 p.m., Festival Concert Hall

1-11 Baccalaureate exhibition, Reineke Visual Arts Gallery

3 Entomology—Roger Leopold, “Water Management: A Comparison of Overwintering Insects and Cryobiologists,” 1 p.m., Hultz 272

4 Last day of classes

4 Plant Sciences—Sara Gehlhar, “FISH and GISH - New Tools for Cytogenetic Research,” 3:30 p.m., Loftsgard 114

12 Commencement, 9 a.m., Fargodome

14 Chemistry—William F. Bailey, University of Connecticut, is scheduled to present a lecture at 3:45 p.m. in Dunbar 152

15 Summer classes begin

15-June 7 “Signs and Symbols in Clothing,” selections from the Emily P. Reynolds Costume Collection, Memorial Union Gallery

28 Memorial Day holiday, university closed

June

9 Division of Independent Study Graduation, 2 p.m., Festival Concert Hall

12 Eight-week classes begin

July

4 Independence Day, university closed

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