

## ND EPSCoR receives \$3 million grant

The North Dakota Experimental Program to Stimulate Competitive Research has received a \$3 million grant from the National Science Foundation. The grant, which will be disbursed over three years, is intended to improve the state's science, engineering and mathematics infrastructure. It is the maximum the state could receive through the program.

"This is tremendous news for North Dakota," said Philip Boudjouk, ND EPSCoR program director and professor of chemistry. "We have received grants like this in the past and they have allowed us to make great strides. It is a broad-based program that cuts across many areas."

The grant will be matched with \$3 million in state funding, plus indirect costs approved by the State Board of Higher Education.

In its application ranking, North Dakota competed with 12 states and scored in the top two. Not all states received funding. "What triggers this is the commitment North Dakota has made to build its research infrastructure at its two research universities," Boudjouk said. "One of the evaluation points is the strength of commitment of a state to improve itself."

One of the funded projects will help to hire 45 to 55 new faculty at NDSU and the University of North Dakota over the next three years. "The money will go to equipment, in particular, and for student salaries to staff the new faculty members' laboratories," Boudjouk said.

Another program will assist 350 undergraduate students during the term of the grant. They will be supported for two months to two years for research as they work toward their bachelor's degree, master's degree or doctorate. "They will be primarily North Dakota residents who are enrolled at North Dakota University System units," Boudjouk said. "Students across the state have and will continue to benefit greatly from this funding."

Through another program, seed grants are provided for faculty to get preliminary research results that allow them to compete for major funding from public and private federal, regional and state agencies.

In addition, specific programs will target graduate student enrollment and encourage more doctoral students at state campuses. Faculty also will be encouraged to host regional and national conferences to increase awareness about the research efforts in North Dakota.

Boudjouk said the ongoing research support program has stimulated economic development, through such things as technology transfer. "This is an important part of the rural states' future. Developing a science and technology base encourages economic development," he said.

North Dakota's investment in the EPSCoR program, which began in 1986, has been \$9 million. It has resulted in \$9 million from the National Science Foundation plus an additional \$57 million brought in by grants from faculty supported by the funds. Nearly 1,000 students also have received support through the program.

EPSCoR's mission is to increase the success rate of researchers in the state for merit-based grants; put North Dakota on the path to systemic reform in science, engineering and math education; increase opportunities for students and faculty to develop their capabilities; and develop strong links with business and industry.

## Location change for 'President's Convocation' awards ceremony

The "President's Convocation: Celebration of Excellence" awards ceremony which was scheduled to be held in the new Alumni Center, has been relocated to the Memorial Union Ballroom at 3 p.m. Thursday, April 22.

## Senior art projects to be displayed in Memorial Union Gallery

Graduating art students will display their senior projects in the Memorial Union Gallery March 26-April 6. A reception is planned for 4-6 p.m. Friday, March 26, in the Gallery.

## Nominations still being accepted for Gunkelman Award

Nominations are being accepted for the 1999 Mary McCannel Gunkelman Recognition Award. Nomination forms have been mailed campuswide and also are available from the Human Resources Office, Old Main 205. All nominations must be received in the Human Resources Office by 5 p.m., Wednesday, April 7.

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

Finalists will be honored at a reception April 28 where the winner will be announced and receive a \$600 cash award from the Gunkelman family through the NDSU Development Foundation.

## Next Issue

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## Student emergency absence procedures outlined

The Office of the Vice President of Student Affairs has outlined procedures regarding student emergency absence notification to faculty.

"There have been questions about the role of the vice president's office in providing faculty with notification that a student cannot attend class because of an emergency," said George Wallman, vice president for student affairs. "We want to clarify that role and the procedures we use."

According to the procedures, the Office of the Vice President of Student Affairs will notify faculty members only of emergencies that include death of an immediate family member, the hospitalization of the student, life threatening or emergency hospitalization of an immediate family member and immediate military activation. This does not mean the student is excused from class.

The student has the sole responsibility for fulfilling each course's obligations and for working out missed class time with each faculty member. In the event of an emergency, the office will notify faculty members of the situation, but the office has no authority to grant any concessions or excuses for missing class.

If a student has returned to class without alerting the university of the emergency prior to leaving, the "emergency" status no longer exists. The student is responsible for contacting each faculty member under these circumstances. No retroactive notice of absence will be sent by the Office of the Vice President for Student Affairs.

The office also will not send notices of absence in cases such as illness, routine military training commitments, vacation, travel problems or employment commitments.

Upon return to NDSU, students must notify faculty members they have returned. Verification of emergency notification should be made available to faculty members upon request. Students should be prepared to verify the circumstances of their absence to their instructors and any decisions concerning submission of late assignments, make up of missed exams or extra time for missed work is at the discretion of each individual faculty member.

## Campus resources available for summer events

Residence halls, dining centers and the Memorial Union are available for university departments and off-campus groups looking for facilities to hold their summer conferences, camps and meetings.

Residence hall accommodations are available for groups from May 13 to July 31. Room rates vary depending upon services requested and length of stay. Dining Service meal plan options will be served at the Residence Dining Center and the Union Buffet. Meeting space is available in the Union.

Accommodations and services may be reserved through the Office of University Conference Programs. For more information contact Beth Braaten, university conference coordinator, at 1-9736 or by e-mail at [bbraaten@gwmail.nodak.edu](mailto:bbraaten@gwmail.nodak.edu).

## Finalists named in NDSU Libraries director search

The list of candidates for director of the NDSU Libraries has been narrowed to three finalists. They are Wanda Dole, assistant director for collections and public services, State University of New York at Stony Brook; Joanne Lerud, director of the Arthur Lakes Library, Colorado School of Mines, Golden; and Robert Skinner, university librarian, Xavier University, New Orleans. Richard Bovard is serving as interim director of the NDSU Libraries.

"We had a strong pool of candidates and we are delighted with all the finalists we recommended to the president and vice president for academic affairs," said Thomas Riley, chair of the selection committee and dean of the College of Arts, Humanities and Social Sciences. "They are all qualified to direct a major university library. Now we have to determine which one of them fits our needs best and then we have to sell NDSU's excellence and future potential to that person." Riley expects the new director to be on the job about July 1.

Dole, who visited campus March 21-24 for meetings and interviews, has been a library administrator since 1980. Prior to her seven years at the State University of New York at Stony Brook, she was the head librarian at the Abington College Library, the largest regional campus of Pennsylvania State University. Other work experience includes Northeast regional sales manager for the book distributing company of B.H. Blackwell North America, humanities bibliographer at the University of Illinois, Chicago, and architecture librarian at the University of Kentucky, Lexington.

Dole earned her bachelor's degree from Lawrence University, Appleton, Wis., and her master's degree in classics at Tufts University, Medford, Mass. She has completed coursework toward a doctorate in classics at the University of Illinois, Urbana, as well as a master's in library science from that institution.

Lerud comes to NDSU March 24-27. Director of the Arthur Lakes Library at the Colorado School of Mines since 1989, Lerud previously served as director of libraries at the Montana College of Mineral Science and Technology, Butte. From 1978 to 1986 she was a consultant in geophysical and geothermal studies for industry and an associate technical information specialist for Marathon Oil Co.

Lerud earned her bachelor's and master's degree in geology from the University of North Dakota, and a master's of arts degree in librarianship and information management from the University of Denver. She currently is completing doctorate studies in geology at Colorado School of Mines.

Skinner visits campus April 5-8. The university librarian at Xavier University since 1987, Skinner has written three critically acclaimed detective novels. Other work experience includes special consultant to implement reorganization of the corporate library for Robert L. Siegel and Associates, New Orleans; head of the medical education library and reference librarian at Louisiana State University, New Orleans; and senior search analyst at the library of the United States Air Force School of Aerospace Medicine, Brooks Air Force Base, Texas.

Skinner earned his bachelor's degree from Old Dominion University, Norfolk, Va., and his master of library science at Indiana University, Bloomington.

The candidates' full vitae are available for review at Riley's office or the NDSU Libraries director's office.

Members of the library director search committee include Riley, Lori Bakken, Don Galitz, Clarice Hackman, Sandra Holbrook, Michael Miller, Char Myhre, Carolyn Nelson, Deb Saylor and Michael Schnell.

## Staff senate scholarships deadline April 5

The deadline for NDSU classified staff and children of NDSU classified staff scholarships is Monday, April 5.

To be eligible for the scholarship for classified staff, the applicant must be a classified staff member employed by NDSU for a minimum of one year; be pursuing an undergraduate or graduate degree program enrolled with a minimum of three credits at the time of application and during the time of actual disbursement; and must be at least a sophomore with a cumulative grade point average of 2.5 or better.

To be eligible for the scholarship for children of NDSU classified staff, the applicant must be a child of a classified staff member employed by NDSU for a minimum of one year; be pursuing an undergraduate degree program; must have earned a minimum of 15 semester credits at NDSU by April 5 with a cumulative grade point average of 2.5 or better; and must be enrolled for at least six credits at the time of application and at the time of disbursement. Application forms are available in the Financial Aid Office, Ceres 202.

## Ideas presented to maintain NDSU Libraries journal subscriptions

The University Senate's Library Committee presented options March 15 to help the NDSU Libraries from being forced to cancel a number of journal subscriptions. Because of inflation in subscription costs, the library faces a potential \$100,000 shortfall for each year of the coming biennium.

"The variables are: which serials we may have to cancel and how many will it take to get us to the figure we need to cut," said Richard Bovard, interim director of the NDSU Libraries. "It's a very tough situation, and we only have a short time to make those cuts."

Bovard said budget constraints in 1994 and 1996 meant the cancellation of hundreds of serials. During the 1992-93 academic year, the Libraries subscribed to 4,265 serials, and that number dropped to 2,629 by 1997-98.

The committee report suggested increasing the Libraries' annual budget by \$100,000, with the hope that the money may be found somewhere within the university's budget.

Another option raised by the committee is to assess every student, faculty and staff member an annual \$15 "library user fee" to raise the needed funds.

The committee also recommended that, if a cancellation is necessary, each college should identify subscription cuts equal to its percentage of the Libraries' journal budget. The committee said some titles should be immune from cancellation if they have broad applicability and are relevant across many disciplines.

The University Senate took no official action on the recommendations, but a non-binding straw vote showed senators supported the concept of increasing the Libraries' budget more than the other two proposals.

"The committee will now meet with the library administration to get the figures together so that we know exactly the dollar amount that is needed," said Don Galitz, committee chair and professor of botany. "Then we'll meet with the university administration to see what they are able to do."

Galitz said the committee is accepting other suggestions on possible solutions. E-mail your ideas to [galitz@badlands.nodak.edu](mailto:galitz@badlands.nodak.edu).

## Y2K contingency planning sessions scheduled

The NDSU Y2K Steering Committee has scheduled three contingency planning sessions during the week of March 29. Each NDSU Y2K unit representative is asked to attend one of the three sessions. The meetings will include discussion of the purposes for contingency planning, a review of actual examples of contingency plans and an opportunity to break up into small groups to work on contingency plans.

### Monday, March 29

9-9:50 a.m., Interactive Video Network (IVN)

The conference involves the following rooms: NDSU Lebedeff, DSU room 220, UND Gamble 120, MiSU Bott, MiSU Model, UND W Main and UND-LR room 171

### Tuesday, March 30

1-2:30 p.m., Memorial Union, Prairie Rose Room

### Wednesday, March 31

10-11:30 a.m., Memorial Union, Prairie Rose Room

## New Alumni Center nears completion

Construction of the new 30,000-square-foot NDSU Alumni Center is scheduled to be completed in April. The staffs of the Alumni Association and the Development Foundation will move into their new office space at that time, and building space will be available for lease July 5. The official dedication of the building will be held during Homecoming 1999.

Many of the rooms throughout the center will be named in recognition of individual donors or families, and nearly 800 engraved tiles purchased through the Alumni Association will be included in the Atrium floor.

In describing the donors' recognition, Warren Diederich, chair of the Alumni Center Fund-raising Committee, said, "It is fitting that through these naming opportunities, we acknowledge the individuals who made this project possible. The generations of future students and alumni who will enjoy this remarkable building should know that it was gift from those who came before them. Hopefully, the Alumni Center will stand as a testament to the important impact private support has on the campus."

Additional naming opportunities exist throughout the center. Those interested in joining in the project may contact the NDSU Development Foundation.

## F-M Leadership program applications available at president's office

NDSU faculty and staff who wish to apply for the Chamber of Commerce's Fargo Moorhead Leadership program must pick up an application from the president's office and return the completed form to the president's office by 4 p.m. April 22.

Because only two employees from any one organization will be admitted to the program, NDSU uses an internal screening process similar to other large employers. Only applications from NDSU employees endorsed by the president will be considered by the Chamber. Criteria used by the university screening committee of program alumni include the Chamber's criteria and an additional description by the applicant of how they will use the experience to increase their community involvement to the benefit of the community and the university.

The Fargo Moorhead Leadership class will meet all day on the second Thursday of each month beginning in September with graduation in May, 2000. Participants are allowed only one program absence and so they must have their supervisor's support when applying. The president's office will pay \$500 of the tuition, the program participant is responsible for the remaining \$50.

## People

### Agriculture faculty, staff honored for exceptional service

Twenty-nine agriculture faculty and staff, nominated by their colleagues, were recognized March 2 for their service. An honorarium was given to the individual award winner in each of the nine categories listed below.

#### Charles and Linda Moses Professional Staff Award for Excellence



**Farnsworth**

Bryce Farnsworth, research specialist in plant sciences, has worked in the NDSU potato breeding program since 1974. In that time, he has participated in the development and release of 10 potato cultivars. Notable among these varieties are Russet Norkotah, the second most widely grown cultivar in the U.S., and Goldrush, the ninth most widely grown cultivar.

Farnsworth has received Honorary Life Membership in the Potato Association of America, the highest honor bestowed by the group. He received his bachelor's degree in horticulture at NDSU.

#### Donald and Jo Anderson Clerical Staff Award for Excellence



**Moe**

Judy Moe, administrative assistant in agricultural economics, came to NDSU as a member of the agricultural economics secretarial pool in 1969 and became an administrative assistant in 1979. Moe is a graduate of Interstate Business College, where she received the Professional Business Women's Student Award.

#### Technical Staff Award for Excellence



**Norby**

Wayne E. Norby, research technician in plant sciences, has worked in the NDSU forage project since his initial employment in 1965. He is responsible for the day-to-day operations of the project, including design of forage experiments, layout in the field, field tillage, planting, weed control, notes on maturity and stands, forage harvesting, insect control and general research plot maintenance. He also has served as a mentor for many graduate and undergraduate students who have been employed in the forage project.

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



**Herman**

Dale E. Herman, professor of plant sciences, joined the NDSU faculty in 1971 and has taught more than 10 different horticulture courses. With only a 40-percent teaching appointment, he currently has responsibility for teaching five different courses.

He also maintains a rigorous research program on woody plant introduction and breeding and has released 19 cultivars of woody ornamental plants. He has established a major arboretum containing thousands of species and cultivars and also has created a living laboratory on the NDSU campus by promoting campus beautification and donating many materials from his research program.

Herman has a bachelor's degree from NDSU and a master's and doctorate degrees from Purdue University.

#### Excellence in Teaching Award, Early Career



**J. Schwarz**

Jurgen Schwarz, assistant professor of cereal science and agricultural and biosystems engineering, has been a faculty member at NDSU since 1993. He teaches in the interdisciplinary food science program and has a split appointment between the cereal science and agricultural and biosystems engineering departments.

His research interests are in value-added processing of northern-grown crops and bioconversion of agricultural products and food processing wastes for food and industrial purposes.

Schwarz is a graduate of the University of Hohenheim, Stuttgart, Germany, and received his doctorate degree at Cornell University.

#### Larson/Yaggie Excellence in Research Award, Early Career



**P. Schwarz**

Paul Schwarz, associate professor of cereal science, joined the NDSU faculty in 1989 and directs the cereal science department's efforts in barley, malting and brewing. His responsibilities include evaluation of the malting and brewing quality of breeders' lines from varietal development programs, and applied and basic research that addresses the needs of regional barley producers and the malting and brewing industries.

He is credited with being the first to document the widespread problem of Fusarium head blight (scab) in barley. He and his colleagues began research on how to reduce the effects of fusarium in malting and brewing, which provided

the brewing industry with information for making decisions about threshold quality guidelines for buying barley that would not cause processing problems in malting and brewing. His work also is a critical component in developing fusarium-resistant barley varieties.

Among the issues important to the brewing industry he has worked on was how to control dust in the handling of barley. The FDA was considering regulations on use of oil as a dust suppression, and the brewing industry was concerned about the carryover of oils into its products. Schwarz found methods to control dust that would not be a problem in beer production and quality.

Schwarz received his bachelor's degree from the University of Wisconsin and master's and doctorate degrees at NDSU.

#### **Eugene R. Dahl Excellence in Research Award, Senior Career**



**Wilson**

William W. Wilson, professor of agricultural economics, has spent 20 years as an NDSU faculty member. He has established an international reputation for his agricultural commodity and industrial marketing research. He is considered a leading expert in the North American grain trade, the economics of grain quality, and grain marketing, transportation and logistics.

In recognition of his knowledge of the Canadian grain marketing system, he has been called on to analyze policy issues relating to U.S. grain imports, most notably by the Canada-U.S. Joint Commission of Grains. His research in this area has played an important part in delineating policy conflicts central to recent disputes over grain trade.

Much of his early work involved price analysis of northern-grown grains. His more recent research includes a range of topics relating to rail transportation and logistics. Wilson received his bachelor's degree at NDSU and his doctorate from the University of Manitoba.

#### **Excellence in Extension, Early Career**



**Sedivec**

Kevin K. Sedivec, animal and range sciences, has been an extension rangeland specialist since 1989. His education efforts address problems in range management, including grazing systems, livestock-wildlife interactions, the Conservation Reserve Program, forage nutrition, multi-species grazing and noxious weed control. His work in leafy spurge control, using goats, sheep and grazing these

species along with cattle to control the noxious weed, has provided valuable information to producers in the upper Great Plains.

He has authored and co-authored many extension publications and is a co-author of an extensive reference book, *Selected North Dakota and Minnesota Range Plants*.

Sedivec received an associate degree from NDSU-Bottineau and bachelor's, master's and doctorate degrees from NDSU.

#### **AGSCO Excellence in Extension Award, Senior Career**



**Dexter**

Alan G. Dexter, department of plant sciences, became extension sugarbeet weed control specialist, a joint appointment with NDSU and the University of Minnesota, in 1969, filling a new position created because weeds were the major obstacle to efficient sugarbeet production.

Acknowledged as one of the leading authorities on sugarbeet weed control, his programs result in millions of dollars to growers every year through reduced costs and increased yields.

Dexter recently served as president of the American Society of Sugarbeet Technologists, the first person outside of industry to serve in that position.

He received his bachelor's and master's degrees at the University of Nebraska and his doctorate at the University of Illinois.

#### **Backer presents paper at conference**

Leslie Backer, associate professor of agricultural and biosystems engineering, presented the invited paper "Precision Farming - Sugarbeets" at the Agricultural Equipment Technology Conference in Louisville, Ky. Other authors on the paper were Tom Hall, former graduate research assistant, Vern Hofman, associate professor of agricultural and biosystems engineering, and Larry Smith, superintendent of the Northwest Agricultural Experiment Station, University of Minnesota-Crookston.

The conference brought together engineers, managers, researchers, manufacturers and other professionals in the agricultural equipment industry to exchange information, discuss opportunities and address challenges facing the industry in the coming century. Invited speakers addressed issues such as precision farming, new equipment, benchmarking, manufacturing and international business growth. Backer's paper was presented as a part of a session on precision farming in non-grain crops.

#### **Hindman, Coyle examine mass media**

Douglas Blanks Hindman, assistant professor of communication, and Kathy Coyle, agricultural economics research associate, recently had their article "Audience Orientations to Local Radio Coverage of a Natural Disaster" published in the *Journal of Radio Studies*. The article focused on the 1997 Red River Valley flood. Findings were consistent with the "system maintenance" view of mass communication in that respondents saw local officials, radio stations and citizens functioning in an interdependent, mutually supportive relationship. Respondents expressed appreciation for KFGO-AM, a local radio station that was active and visible during the flood.

Hindman also recently published a chapter in the edited volume "Mass Media, Social Control, and Social Change: A Macrosocial Perspective." In the chapter, "Social Control, Social Change and Local Mass Media," Hindman discusses how researchers study local mass media from a structural approach.

## Le selected for McNair program

Henry William Le, a senior in pharmacy, has been selected to participate in the McNair Scholars program. Le came to the United States in 1991 from Vietnam and attended a community college in California before coming to NDSU. He is a member of Golden Key National Honor Society, the American Pharmaceutical Association and the Biological Honor Society.

Each McNair Scholar is supported by a faculty and a library mentor. Le's faculty mentor is Thomas Christensen, assistant professor of pharmacy, and his library mentor is Char Myhre.

McNair Scholars are selected from NDSU undergraduates who meet program criteria and show an aptitude and interest in agricultural, engineering, science, math or pharmacy research. Students need to be income-eligible, first-generation college students or from groups traditionally underrepresented at the graduate level for doctoral study.

## Golden Key inducts 257 new members

The NDSU chapter of Golden Key National Honor Society inducted 257 new members March 1. Timothy Sellnow, chair of communication, gave the keynote address at the ceremony. Students of junior or senior status who earn a grade point average of 3.3 or higher are eligible to join the honor society.

Five new honorary members also were inducted. They included Sellnow, Thomas Riley, dean of arts, humanities and social sciences, Patricia Jensen, vice president, dean and director of agriculture, Elaine Lindgren, professor of sociology, and Charles Peterson, dean of pharmacy.

Scholarships were presented to Jayme Alan Steig, senior initiate, and Tamara Renae Lee, junior initiate.

## Animal and range science students participate in contest

NDSU animal and range science undergraduates Bree DeMontigny and Kasey Maddock presented research papers at the American Society of Animal Science Midwest Section meetings March 16-17, in Des Moines, Iowa.

DeMontigny won the undergraduate competitive paper competition with her presentation of "Use of Estradiol to Stimulate Postnatal Viability in Piglets Less than 1.5 kg. at Birth." Her supervisors are Jim Tilton, professor of animal and range science, and R.M. Weigl, research specialist in animal and range science.

Maddock presented "Expression of Basic Fibroblast Growth Factor in Placenta Tissues of Early Pregnant Ewes." Her faculty supervisors are Dale Redmer and Lawrence Reynolds, both professors of animal sciences.

The department also was represented by an academic quadrathlon team that included Todd Finke, Renee Hawkins, Jeff Knott and DeMontigny. In a four-part contest, the team placed second in the oral presentation division and seventh overall out of 17 teams.

## Iftexharuddin guest edits, writes for journal

Khan M. Iftexharuddin, assistant professor of computer science, co-guest edited a special March issue of the *Optical Computing in Optical Engineering Journal* on the subject of computer arithmetic.

He also co-wrote two papers in the issue. "Characterization of intensity-coded multivalued logic circuit implementation," was written with Abdul A. S. Awwal and Arshad M. Chowdhury, Wright State University, Dayton, Ohio. "Graphical approach for multiple valued logic minimization" also was co-written by Awwal.

## Events

### English seminar to examine matrimonial reform in early modern England

Stephanie Chamberlain, assistant professor of English, is scheduled to present "Defrocking Ecclesiastical Authority: 'Measure for Measure' and the Struggle for Matrimonial Reform in Early Modern England," at 3:30 p.m. Wednesday, March 24, in Minard 209.

Chamberlain will examine Shakespeare's "Measure for Measure," a dark play dealing with matrimonial authority in early modern England. She will discuss the Catholic church's responsibility of determining the legality of pre-marital contracts and how these practices drew cultural debate as the country was struggling to assert its identity as a Protestant state.

For more information on the seminar, or to present a seminar in the future, contact Bill Cosgrove at 1-7147 or by e-mail at [cosgrove@plains.nodak.edu](mailto:cosgrove@plains.nodak.edu) or Anjali Pandey at 1-7148 or by e-mail at [apandey@prairie.nodak.edu](mailto:apandey@prairie.nodak.edu).

### Pre-retirement workshop set for April 22

The Office of Human Resources is sponsoring a NDPERS/TIAA CREF pre-retirement workshop that will focus on financial assessment, social security, transition from work to retiree status and a review of individual retirement plans from NDSU. Representatives from their respective areas of expertise will discuss each issue.

The workshop is scheduled from 8:30 a.m. to noon and again from 1-4:30 p.m. Thursday, April 22, in the Memorial Union Peace Garden Room. Spouses are encouraged to attend either session.

NDPERS participants may request a retirement estimate by contacting Lyn Pletta in the Office of Human Resources at 1-8965 or by e-mail at [lpletta@gwmail.nodak.edu](mailto:lpletta@gwmail.nodak.edu). If calls are answered by voice mail, leave a message stating your name, social security number and estimated date of retirement, including month, day and year. All estimates requested by March 26 will be distributed at the workshop.

## N.D. Academy of Science annual meeting planned for April 15-16

The North Dakota Academy of Science has scheduled its 91st annual meeting April 15-16, at the University of North Dakota, Grand Forks. To request a registration form, contact Eric Uthus at the Grand Forks Human Nutrition Research Center, at (701) 795-8382, or by e-mail at [uthus@badlands.nodak.edu](mailto:uthus@badlands.nodak.edu).

Pre-registration is due April 5. The following symposia are planned:

### Thursday, April 15

- An Update on the Red River of the North and Devils Lake Basins, North Dakota Developing a Comprehensive Water Strategy
- Nutritional Supplements: Can Great Performance, Good Health, and a Long Life Come Out of a Bottle?
- Mathematical and Computer Approaches to Biological Systems

### Friday, April 16

- The Paleontologic and Geologic Record of North Dakota: Important Sites and Current Interpretations
- Science Education Reform: Revising Pedagogy to Promote Inquiry in the Spirit of the National Science Education Standards
- Concentrated Animal-Feeding Operations and Environmental Quality in North Dakota

A separate banquet registration is available for a Thursday evening presentation titled "Madagascar's Buried Treasure: Spectacular New Fossils of Dinosaurs and Other Vertebrates," by David Krause, State University of New York at Stony Brook. For general enquiries, contact Joseph Hartman, EERC, Box 9018, Grand Forks, ND 58202; or by phone at (701) 777-2551 or by e-mail at [jhartman@plains.nodak.edu](mailto:jhartman@plains.nodak.edu).

## Brown bag to discuss body shame

The YMCA of NDSU is sponsoring the brown bag seminar "Breaking Out of Body Shame." It is scheduled for noon Wednesday, March 31, in the Memorial Union Peace Garden Room.

Marlys Borkhuis, counselor, NDSU Counseling Center, will discuss the dynamics of body shame and how to break free from these feelings.

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

## NDSU Continuing Education to present several workshops and seminars

Ann Dolence will present "**Six Thinking Hats**" and "**Project Based Work Teams**" at the Skills and Technology Training Center April 8. "Six Thinking Hats" is scheduled from 9 a.m.-noon and will discuss how to build constructive attitudes and critical-thinking techniques needed to break routine habits of thought. "Project Based Work Teams" is scheduled for 1-4 p.m. and will discuss the effectiveness and productivity of work teams. Participants will learn how to implement the general structure of a project based work team.

The sessions are \$49 each or \$79 for both; group discounts are available.

**The People's Law School**, a course on how the legal system works, will be offered during a seven-week period beginning April 8 and ending May 20. The class will meet from 7-9 p.m. Thursdays in Loftsgard 102 and will be taught by judges and lawyers of the State Bar Association of North Dakota. Topics will include the courts and how they operate; personal injury and criminal law; wills, estates and real estate; the human rights act; domestic relations; worker's compensation and social security; bankruptcy; and landlord-tenant laws.

Tuition for the seven weeks is \$35.

**The Leadership Institute** plans to begin a nine-month, 10-session workshop from 8:30 a.m. to 5:30 p.m. Friday, April 9. The workshop's topic is "Alternative Conflict Resolutions: Negotiation, Mediation and Arbitration." Topics of future sessions include management issues, marketing, business use of computers, finance, ethics in business and preparing effective presentations.

All leadership institute workshops will be taught by NDSU faculty. The cost for the entire 10-session course is \$595; individual workshops may be attended for \$79 each.

For more information on any of the continuing education opportunities, contact NDSU Continuing Education at 1-5376, by e-mail at [ndsuccont-ed@plains.nodak.edu](mailto:ndsuccont-ed@plains.nodak.edu), or visit the Web site [www.ndsu.nodak.edu/conted/](http://www.ndsu.nodak.edu/conted/).

## Legislative forum scheduled March 27

The Fargo Area League of Women Voters and the Chamber of Commerce of Fargo Moorhead are sponsoring a legislative forum 10 a.m. Saturday, March 27, in the Fargo City Commission Chambers, City Hall.

Legislators scheduled to participate include Rep. LeRoy Bernstein (R), Sen. Tim Mathern (D), Sen. Tony Grindberg (R) and Rep. Kathy Hawken (R).

## Beaux Art week set for March 26-31

Beaux Art week, sponsored by the Department of Architecture and Landscape Architecture, runs March 26-31. The theme for the event is "A Week of Technique."

### Friday, March 26

- Brown bag seminar on advanced AutoCAD 14 techniques, noon, North Quonset lounge

### Saturday, March 27

- Form "Z" workshop, noon-3 p.m., Loftsgard 308
- Photoshop 5.0 workshop, 3:30-5 p.m., IACC 150

### Monday, March 29

- Workshop on hand-rendering techniques for final presentation boards, noon-2 p.m. Memorial Union University Chamber
- Annual Beaux Art Bowling Tournament, 9-11 p.m., Red River Lanes

### Tuesday, March 30

- Workshop on photographing projects, noon-1:30 p.m., North Quonset lounge
  - Dinner, 5 p.m., VIP Restaurant
- Meals (\$13) need to be pre-paid before March 26 in the architecture office
- Awards ceremony and keynote speaker, 7 p.m., Beckwith Recital Hall

### Wednesday, March 31

- Web site design techniques, noon-1:30 p.m., North Quonset lounge

Keynote speaker Daniel Rockhill, architect and professor, University of Kansas, received his bachelor of architecture degree from the University of Notre Dame and a master of architecture from State University of New York, Buffalo. After teaching in the SUNY system for 10 years, he joined the faculty at the University of Kansas in 1980.

His areas of specialty are design and construction. His teaching awards include two AIA Honors Awards: The Building Practicum and The Introductory Graduate Studio. His student building projects have won national awards, most recently the ACSA Steel Tube Competition and the Structural Board Association's Global Housing Competition. They also have won regional awards for the design and construction of low-income housing in the city of Lawrence.

Rockhill also maintains an active practice designing and building. The work of Rockhill & Associates has received an ACSA Design Award and its preservation work has won a dozen awards from the Kansas Preservation Alliance. In addition to Rockhill's articles in *Fine Homebuilding* and *The Journal of Light Construction*, the firm's work has appeared in international journals and on cable television. Its buildings have been published in *Progressive Architecture*, *Architectural Record* and *Architecture*.

## Cultural variety show planned March 26

In conjunction with International Week, the International Student Association has scheduled the International Night Variety Show for 7 p.m. Friday, March 26, in the Memorial Union Century Theater.

Some highlights of the program will include a fashion show of traditional dress from around the world, Egyptian and

Japanese dances, music from Bangladesh and Madagascar played on traditional instruments and an Indian wedding ceremony. Door prizes will be given away during the show.

Tickets can be purchased for \$5 in the Memorial Union at the International Student Association table and the Office of International Programs, Ceres Hall 338, throughout International Week, March 22-26. For more information contact the Office of International Programs at 1-7895.

## Phi Kappa Phi induction ceremony planned for April 13

The NDSU chapter of Phi Kappa Phi has scheduled an initiation banquet at 6 p.m. Tuesday, April 13, in the Memorial Union Ballroom. Tom Isern, professor of history, is the scheduled guest speaker.

NDSU's chapter of Phi Kappa Phi was chartered in 1913. The honor society recognizes superior scholarship in all academic disciplines. Elected students must be second-semester juniors, seniors or graduate students. A maximum of 10 percent of the senior class with a cumulative grade point average of at least 3.6, not more than 5 percent of the junior class with a cumulative grade point average of at least 3.8, and a maximum of 10 percent of the graduate students receiving degrees during the year with a cumulative grade point average of 4.0 are invited to become members of the group.

For more information about Phi Kappa Phi, contact Timothy Sellnow at 1-7632. Ticket information for faculty and staff is available from Kris Dinusson Shenk at 1-7033.

## Unity Conference to focus on Latino culture

Moorhead State University's fourth annual Unity Conference is scheduled for Thursday and Friday, April 8-9 in the Comstock Memorial Union beginning at noon Thursday. The conference theme is "Nuestra Historia: Life and Times of Latinos in the U.S." It is open to the public.

Juan Garcia, a well-known researcher, author and historian, is scheduled to present two workshops about immigrants in the United States and a historical overview of Latinos in the United States and the Midwest. He will deliver the keynote dinner address.

Francisco Villarruel, an authority on youth and family ecology associated with the Midwest Consortium for Latino Research, and Juan Andrade, president of the U.S. Hispanic Leadership Institute, also will present workshops.

Other planned events include a panel discussion featuring students from area schools; a screening of the video "500 Years of Chicano History;" a literary reading with local writers; the play "Rosita's Jalapeno Kitchen;" and the keynote dinner, when the Outstanding Latino Student Awards will be presented.

The fee for the conference is \$20 for students and \$40 for non-students. The keynote dinner is \$9; the keynote dinner is included in the registration fee. Pre-registration is requested. To register or for more information, call Abner Arauza at 236-2721.



## Shorts and Reminders

### Quantity Foods meal

A "Steakhouse Classic" meal is planned for 11:30 a.m. Tuesday, March 30th, in the West Dining Center. The menu will include a bacon-wrapped cheddar steak served with all the fixings. Call 1-7023 for reservations. The cost of the meal is \$5.25.

### Open positions

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

Receptionist/Secretary/#4444  
Office of International Programs  
\$14,220 minimum/year  
March 29

Recruit Police Officer/#0656  
Physical Plant  
Salary dependent on experience.  
March 25

Research Specialist II/#1645  
Carrington Research Extension Center  
\$25,000+/year  
March 26

Academic Librarian II/#540  
Libraries - Research Services  
\$27,108+/year  
April 20

Position openings also are available through the NDSU Web site at [www.nodak.edu/human-resources/](http://www.nodak.edu/human-resources/).

## Research Opportunities

The Office of Research Administration in Old Main 201 announces the following funding opportunities and deadlines. For more information, call 1-8908. For information about other grants, check the Research Administration Web site at [www.ndsu.nodak.edu/ndsu/sizer/resadmin.html](http://www.ndsu.nodak.edu/ndsu/sizer/resadmin.html) and click on "Funding Opportunities."

**International Society of Arboriculture Research Trust Hyland R. Johns Grant Program**  
[www.ag.uiuc.edu/~isa/ISAResearchTrust/trust.html](http://www.ag.uiuc.edu/~isa/ISAResearchTrust/trust.html)  
**Deadline: May 1**

This program provides funds to qualified researchers for projects of interest and benefit to the arboricultural industry. The mission of the trust is to focus on the biology, management, care of trees, and their relation to environmental, social and economic benefits.

**Hewlett-Packard Co. University Grants Program**  
<http://webcenter.hp.com/grants/us/universities/index.html>  
**Deadline: May 3**

This program provides Hewlett-Packard products to institutions that integrate technology with teaching to improve student learning. The program focus is primarily on engineering and computer science. Secondary interests include schools of management, chemical analysis and medical education.

**National Institute for Occupational Safety and Health Occupational Research Agenda**  
[www.nih.gov/grants/guide/rfa-files/RFA-OH-99-002.html](http://www.nih.gov/grants/guide/rfa-files/RFA-OH-99-002.html)  
**Deadline: April 19 (letter of intent)**  
**June 10 (applications)**

The National Institute for Occupational Safety and Health and various NIH institutes are inviting research applications for the following targeted areas: (1) intervention and effectiveness research, (2) fertility and pregnancy abnormalities, (3) hearing loss, (4) exposure assessment, (5) surveillance research methods, (6) studies related to an aging workforce, (7) asthma and chronic obstructive pulmonary disease and (8) work organization issues.

**EPA - National Center for Environmental Research and Quality Assurance Drinking Water**  
<http://es.epa.gov/ncercqa/rfa/batch2.html>  
**Deadline: May 19**

Applications are being accepted for research on drinking water. Examples of potential topics include: (1) improved methods for detecting and enumerating *Helicobacter pylori* in contaminated natural water, (2) molecular methods for rapid and low-cost detection of viable waterborne viruses and (3) assessment of dietary ingestion exposures, inhalation exposures and dermal exposures to understand their contributions to overall exposure.

**The Wenner-Gren Foundation for Anthropological Research, Inc.**  
[www.wennergren.org](http://www.wennergren.org)  
**Deadline: May 1**

The foundation's interest is the support of research in all branches of anthropology including cultural/social anthropology, ethnology, biological/physical anthropology, archaeology and anthropological linguistics. The three programs available include the Small Grants program, Regular Grants, and Predoctoral Grants.

## Calendar

### March

Through March 26 International Week. For information call 1-7895

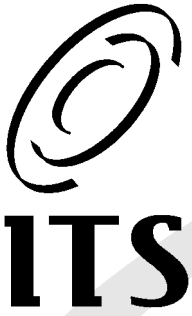
Through March 26 International juried photo exhibit, Memorial Union Gallery; for more info contact the Office of International Programs at 1-8046

25 Mathematics—Robert Burton, Oregon State, will present a lecture at 3:30 p.m. in Minard 119

25 USDA/ARS—George Yocum, Ohio State University, "Can They Cope? Insect Stress Mechanisms and IPM Implications," 10 a.m., Northern Crop Science Laboratory, large conference room; Yocum is a candidate for the insect physiologist position in the biosciences research lab

25 Open forum, Robert W. Stach, candidate for College of Science and Mathematics dean, 1:30 p.m., Loftsgard 380

- 25 Open forum, Joanne Lerud, candidate for director of NDSU Libraries, 3:30 p.m., Loftsgard 102
- 26 Beaux Arts Week begins
- 26 Red River Psychology Conference, Moorhead State University
- 26 NDSU art senior thesis projects on display, Memorial Union Gallery; Reception 4-6 p.m.
- 26 Plant Sciences—Mary Wentz, graduate student, “The expanding irrigated acreage of potato production in the Red River Valley,” 3:30 p.m., Loftsgard 114
- 26 Animal and Range Science—Wes Newton, graduate student “Issues of Spatial and Temporal Scaling in Ecology,” and Kim Vader, graduate student, “Comparison and Correlation of Visual Obstruction Reading and Standing Crop: Defining the Limits of a Rapid Vegetation Measurement Tool,” 3 p.m., Hultz 104
- 29 USDA/ARS—Howard W. Fescemyer, “Impact of Larval Crowding on Physiology of the Velvetbean Caterpillar,” 10 a.m., Northern Crop Science Laboratory, large conference room; Fescemyer is a candidate for the insect physiologist position in the biosciences research lab
- April**
- Through April 6 NDSU art senior thesis projects on display, Memorial Union Gallery
- 1 Mathematics—Charles Miccelli from IBM will present a lecture at 3:30 p.m. in Minard 119
- 2 Good Friday, administrative offices closed
- 2-5 Holiday/recess, no classes
- 5 Administrative offices open
- 6 Civil Education Week begins
- 6 Food and Nutrition—Allen Levine, director, Minnesota Obesity Center and professor, University of Minnesota, “Why Do We Eat: A Neural Systems Approach,” 4 p.m., FLC 124
- 6 Open forum, Robert B. Shaw, candidate for College of Science and Mathematics dean, 1:30 p.m., Loftsgard 380
- 7 Open forum, Robert Skinner, candidate for director of NDSU Libraries, 2 p.m., Burgum FLC 319
- 8 Mathematics—Victor Piotrowsky, Wisconsin-Superior, will present a lecture at 3:30 p.m. in Minard 119
- 8 Chemistry—Mark Hoffmann, University of North Dakota, “Theoretical Studies of Molecules with Unusual Chemical Bonds,” 3:45 p.m., Dunbar 152
- 8-16 Interior design senior thesis projects on display, Memorial Union Gallery
- 9 Interior design senior thesis projects reception, 4-6 p.m., Memorial Union Gallery
- 9 Psychology—John K. Robinson, SUNY at Stony Brook, “Rats as Small Furry Humans in Studies of the Neurobiology of Amnesia,” 3:30 p.m., Minard 209
- 9 Chinese Golden Dragon Acrobats, 7 p.m., Festival Concert Hall
- 10 Day of Percussion, all day, Festival Concert Hall; Tri-College Percussion Ensemble and Marimba Choir spring concert, 4 p.m. Festival Concert Hall
- 13 Little Country Theatre free preview night for NDSU staff; call ext. 1-7969 to reserve tickets; production, “Hedda Gabler”
- 14 Open forum, Sherman D. Riemenschneider, candidate for College of Science and Mathematics dean, 1:30 p.m., Loftsgard 380
- 14-17 Little Country Theatre production of “Hedda Gabler,” 8 p.m., Askanase Auditorium; for tickets call 1-7969
- 15 Chemistry—Robert Malecza, Michigan State University, will present a seminar at 3:45 p.m., Dunbar 152
- 15 Mathematics—Michael Aschbacher, Cal. Tech, will present a lecture at 3:30 p.m. in Minard 119
- 16 Psychology—Scott Lilienfeld, Emory University, “Psychopathic Personality: Links Among Theory, Assessment, and Research,” 3:30 p.m., Minard 209
- 20 NDSU Architecture and Landscape Architecture Day, 9 a.m.-5 p.m., Memorial Union Gallery
- 20 Mathematics—Victor Losert, Vienna, will present a lecture at 3:30 p.m. in Minard 119
- 21-23 NDSU landscape architecture finalists on display, Memorial Union Gallery
- 22 Mathematics—Vic Reiner, University of Minnesota-Minneapolis, will present a lecture at 3:30 p.m. in Minard 119
- 23 NDSU landscape architecture finalists reception, 4-6 p.m., Memorial Union Gallery



## Y2K projects create backlog of work orders

ITS' Network Services is behind on work orders due to Y2K-related projects. The Network Services staff is working on the requests as quickly as possible and apologizes for the delay and any inconveniences. For future networking needs, place a work order as soon as possible to aid in scheduling process. If you have a concern regarding a submitted work order, contact John Grosen, associate director for network services at 1-1042 or by e-mail at [John\\_Grosen@ndsu.nodak.edu](mailto:John_Grosen@ndsu.nodak.edu).

## Technology Learning Center not just for students

The Technology Learning Center was formed through technology fee funding and focuses primarily on providing technology training for students. However, instructors can use the services as well to help students become more knowledgeable in the use of computers.

Instructors may make use of this resource in several ways. They may:

- ask the center to help provide training for a class on software students must use to complete an assignment (PowerPoint and web workshops are popular topics)
- ask for support in teaching efforts in a computer lab and assisting students with projects
- use the resources of staff members to create customized training for classes
- refer students who lack basic computer skills to the center for short-term individual tutoring
- stay in touch with new training opportunities for students by subscribing to the center's electronic list

The current training offerings for students can be found on the web at: [www.ndsu.nodak.edu/its/](http://www.ndsu.nodak.edu/its/) within the Student Services category. For more information contact Sheree Kornkven at 1-6427 or by e-mail at [skornkve@gwmail.nodak.edu](mailto:skornkve@gwmail.nodak.edu).

## Small College Computing Symposium set for April 15-17

The Small College Computing Symposium was established in 1967 to foster a continued opportunity for higher education participants to learn, share and investigate the uses of computer-based technology within the classroom. It is a vehicle for those institutions of higher education who have limited technology resources by virtue of size, to learn more about computer-related technology issues by sharing and discussing ideas and expounding on a variety of implementation processes.

LaCrosse, Wis., is hosting the conference April 15-17. The cost is \$150. A bus is going from NDSU, and other HECN institutions have been invited to participate. Anyone interested in attending or wanting more information may go to the Web site [www.sccsymposium.org](http://www.sccsymposium.org) or call CJ Johnson at 1-6245 regarding bus transportation.

## Standring becomes Netware 5 certified, Fangsrud joins staff

Mark Standring, LAN administrator, successfully passed a competency exam to become a certified Novell engineer for Netware 5. He will continue to work with campus users to meet the various file and print service needs.

Sharon Fangsrud has joined the ITS office and will provide secretarial support for the front desk. She previously worked as office Manager/Volunteer Coordinator for Upper Midwest Recovery, which has recently closed its operation.

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