

## Health and Wellness Center model to be unveiled

The NDSU Student Health and Wellness Center Committee plans to unveil a model of the new Health and Wellness Center at a reception scheduled for 10:30-11 a.m. Tuesday, Dec. 7, in the Memorial Union Alumni Lounge. The reception will feature refreshments and live music, with a program starting at 10:45 a.m.

Students, faculty and staff are invited to attend. The committee requests that faculty announce the event to their classes. The building model will be placed in the Varsity Mart through finals week.

## Nominations sought for Chamber of Commerce NDSU Distinguished Professorship

The Chamber of Commerce NDSU Distinguished Professorship Selection Committee is seeking nominations for the 20th distinguished professorship. The Distinguished Professor will be selected in April and recognized at the annual awards luncheon of the Chamber of Commerce May 17. He or she will receive a cash award and will enjoy permanent possession of the title "Chamber of Commerce Distinguished Professor."

The award has been designed to recognize NDSU faculty members (excluding deans, directors and vice presidents) who have reached an extraordinary level of distinction. The committee will judge nominees for this high honor on the basis of their performance and promise as scholars, teachers and/or artists during their time at NDSU. Substantial professional achievement by nominees leading to recognition, not only at NDSU and North Dakota, but nationally and internationally as well, will play a major role in guiding the committee's deliberations. Other characteristics of nominees that will contribute to their strengths as candidates include the following:

- superior teaching and other types of interaction with students;
- significant publications or other scholarly contributions;
- awards, offices in national organizations and editorships;
- financial and other support for scholarly activities from external sources; and
- substantial community service and/or outreach activity in the region.

Nominations will be accepted from any member of the university or Chamber communities. A letter of nomination addressing the above criteria along with a three-page resume and no more than three letters of support (one of which should specifically address service and outreach activities) should be sent to Will Bleier, committee chair, Stevens 218, on or before Feb. 4. For more information about the award or the nomination process, call Bleier at 1-8421, or committee members, Mick Hammerstrom, 280-5086; Harriett Light, 1-7099; David Martin, 237-5678; or Jay Leitch, 1-7577.

No award was given for 1999. Will Bleier, chair and professor of zoology won the award in 1998.

### **Varsity Mart holds Bisonware sale**

The Varsity Mart now is offering 15 percent off all Bisonware, including clothes and souvenirs, through Dec. 30.

### **Next Issue**

Publication date: Wednesday, Dec. 8  
Submissions due: noon Dec. 2  
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## ND WRRI calls for graduate fellowship applications

The North Dakota Water Resources Research Institute will continue its Graduate Student Research Fellowships program in 2000. Seven fellowships at \$7,500 each will be available. The funds must be expended between March 2000 and February 2001.

The primary purpose of fellowship funds is to provide a minimum \$1,000/month stipend to assist a graduate student in performing thesis research in the water resources research area. The balance of the student's annual stipend should be covered by a GTA or GRA appointment.

Research proposed for fellowship support should relate to water resources research issues in the state or region. Applications are due Jan. 28. They will be reviewed by a panel of faculty and state water resources research professionals. Announcement of awards will be made by late February.

Instructions for preparation of applications are available from G.J. McCarthy, institute director, 104B Ladd Hall, NDSU; or e-mail at [gmccarth@prairie.nodak.edu](mailto:gmccarth@prairie.nodak.edu).

## Changes made to NDSU Online Quiz

Effective Dec. 30, the NDSU Online Quiz located at <http://wow.cc.ndsu.nodak.edu/users/quiz/> and the Discussion Forum at <http://wow2.cc.ndsu.nodak.edu/users/forum/> will no longer be available.

As an alternative, faculty should use CourseInfo, a web-based tool suite that includes a fully featured Online Quiz and Threaded Discussion Forum. The CourseInfo Online Quiz supports the following question types: true/false, multiple choice, graded short answer, non-graded essay, matching, multiple correct answer and ordering. Features of the CourseInfo Threaded Discussion Forum include message editing, searching and archiving, uploading attachments and anonymous posting. More information about CourseInfo can be found at [www.ndsu.nodak.edu/ndsu/elsmith/CourseInfo/](http://www.ndsu.nodak.edu/ndsu/elsmith/CourseInfo/), or by contacting Elizabeth Smith at [elsmith@badlands.nodak.edu](mailto:elsmith@badlands.nodak.edu) or 1-6283.

## Disney changes procedures for Kingdom Club membership

Disney has changed the way its membership cards are to be distributed for the Magic Kingdom Club. The Office of Human Resources will no longer issue the cards, but will instead issue application forms that employees are responsible for mailing to Disney.

Within two to three weeks from the receipt of your application, Disney will mail a current membership guide and an imprinted card with your name and account number.

Questions regarding the Disney Magic Kingdom Club may be directed to Jill Langston in Human Resources at 1-8961.

## Web site connects NDSU to its past

Michael Robinson, archivist, and Eric Parsons, a senior majoring in public history and a Web development specialist at Information Technology Services, have created a Web site that provides the history of North Dakota Agricultural College/State University through its buildings, monuments and memorials.

The site, at [www.ndsu.nodak.edu/buildings/](http://www.ndsu.nodak.edu/buildings/), is a work in progress that currently features eight buildings: the Alba Bales House, Ceres Hall, Festival Hall, Francis Hall, the Mechanic Arts Building, Minard Hall, Old Main (including the Lincoln Log Cabin and Little Country Theatre) and South Engineering.

Links for each building lead to a photo gallery and text on the architect, the architectural style, name origins, the building's history and uses over the years.

"These buildings were built because there was a need on the campus or in the state," said Robinson. "This site, through the buildings, reflects what the university saw as its direction and priorities at the time."

More than a collection of facts, the site is meant to provide a forum for NDAC/SU stories. "This site isn't just about the buildings, it's about the people," said Parsons. "For example, when they see something on Minard Hall, they're going to say, 'Oh, I remember what happened when....,' and they'll start to remember all these stories."

The link for each building includes an invitation to submit those tales. Alumni, former and current staff, faculty and administrators can complete a form and share their own campus experiences without leaving the site. It also is linked to the NDSU Alumni Association's Web site.

For more information, or if you have a story to share, visit the site or contact Robinson at 1-1017, or e-mail him at [mirobins@prairie.nodak.edu](mailto:mirobins@prairie.nodak.edu).

## Bulletins now available online

All NDSU students, faculty and staff now have access to more than 11,400 undergraduate and graduate bulletins, homepages and summary profiles of the associated colleges and universities through CollegeSource Online at <http://www.collegesource.org>.

The service provides a single source of present and past policies, costs, course offerings, degree requirements and degrees offered of universities and colleges. The bulletins are presented cover-to-cover in PDF format, index entries are linked, material can be copied and pasted into word processors, on-site customer support is available and the site is updated weekly. The site works even if the computer is set to disable cookies.

CollegeSource Online is the Web version of the CD-ROM version that has been available at the NDSU Libraries. The Offices of the Vice Presidents of Academic Affairs and Student Affairs and the NDSU Libraries are paying the yearly cost of \$3,200.

## People

### Garrison named Blue Key Distinguished Educator



**Garrison**

Michael Garrison, professor of business administration, has been named the 1999 NDSU Distinguished Educator by the Blue Key National Honor Society. He will receive the award at a banquet 5:30 p.m. Thursday, Dec. 2, in the Memorial Union Ballroom.

"To be recognized by Blue Key is certainly one of the highlights of my career at NDSU," said Garrison. "I truly believe students come first and teaching is our first and foremost responsibility. To be recognized by the honor students of Blue Key is a great honor."

The Blue Key award was established in 1969 to honor the outstanding educator at NDSU for his or her extra interest in students' problems, education, their field of expertise and the university.

"We feel Dr. Garrison exemplifies these attributes in every way. He has a well-known reputation for being well-liked and respected by his students," said Andy Norby, president of the NDSU Blue Key chapter, adding that Garrison is a past presiding officer of the University Senate and has served on 15 university committees and eight committees in the College of Business Administration. "Blue Key also chose to honor him for his activities outside the classroom. We honor him for his service to students, the College of Business Administration, the university and beyond NDSU."

Garrison, who teaches business law, joined the NDSU faculty in 1980. "To be a good teacher, you have to love what you are doing," he said when asked about his teaching philosophy. "I love teaching, interacting with students and the educational process. Secondly, I love teaching about the law and the legal implications of decisions." He added that good teachers also must put in the time and effort to organize information so it is useable to students.

Garrison earned a bachelor's degree in economics from NDSU and a juris doctor degree from the University of North Dakota School of Law. His other honors include the 1992 College of Business Administration Teacher of the Year Award, 1996 College of Business Administration Outstanding Service Award, 1997 and 1999 Apple Polisher Awards and the 1997 College of Business Administration Excellence in Research Award. He is a three-time recipient of the Ralph C. Hoerber Award, a national research award from the Academy of Legal Studies in Business and The American Business Law Journal. He also is the co-author of a business law textbook, "Contemporary Business Law and the Legal Environment."

Blue Key is a national honor fraternity that specializes in service to the university, fellow students and the community. The NDSU chapter, which was founded in 1930, currently has 34 members. Among its activities are freshman orientation, Honors Day, the annual Homecoming show and Bison Brevities. Along with the Distinguished Educator Award and Doctor of Service Award, Blue Key also presents the Leitourgia scholarship, Doctor of Service scholarship and Prairie Rose Award.

### Buresh named director of Alumni Center

Jodi Buresh has joined the NDSU Alumni Association as the director of the Alumni Center. Her responsibilities will include serving as a consultant for food, beverage, decor and set-up for center clients; maintenance of the internal and external parts of the building; and coordination of all scheduling at the center. The Alumni Center is available to the community and campus.

Buresh has nearly 10 years of event planning experience. She previously was the scheduling coordinator at the NDSU Memorial Union. She also has worked for the Red River Valley Fair Association where she was the livestock coordinator and the Big Iron Farm Show exhibit coordinator.

Buresh is completing her degree in facilities management at NDSU.

### Elias awarded by durum growers

Elias M. Elias, associate professor of plant sciences, was presented the Durum Man of the Year award by the North Dakota Durum Growers Association at a banquet held Nov. 16. Elias did not know he had been selected as the recipient until he heard his name announced.

"I was surprised," he said. "I was honored to receive something like this, especially when it comes from the durum growers themselves. It makes me know that they appreciate the work we do. This is a credit not only for myself but also to all the faculty and staff at the Department of Plant Sciences, especially the technicians on the durum project, Stan Stancyk, Gerald Johnson and John Galleon, and collaborators at other departments, USDA, and research centers."

Elias joined the faculty at NDSU in 1990. His work with durum includes breeding durum wheat varieties that are high in yield, disease resistant and that possess good quality for the pasta industry. On average, developing a durum variety requires 10 to 12 years of research. In spite of all the difficulties with Fusarium head blight (scab) disease since 1993, Elias has released seven durum varieties, Munich, Ben, Belzer, Mountrail, Maier, Plaza and Lebsock.

### Matchie published in journal

Thomas Matchie, professor of English, had his article "Posttribal Sunshine in Michael Dorris' 'Cloud Chamber,'" published in the summer 1999 edition of the North Dakota Quarterly.

Dorris' novel was published in 1997, a year before his death. It depicts the life of a Native American family on a reservation in Montana. "Cloud Chamber" is the sequel to Dorris' "A Yellow Raft in Blue Water," about which Matchie also has written.

## College of Business Administration announces awards

The NDSU College of Business Administration has recognized two of its faculty with its annual teaching and service awards. Thomas Buckhoff, assistant professor of accounting, was recognized with the Teacher of the Year Award and Gerrard Macintosh, associate professor of business administration, received the Outstanding Service Award.



**Buckhoff**

Buckhoff, who teaches cost/managerial accounting and forensic accounting, joined the NDSU faculty in 1996. "I'm very honored," Buckhoff said of the recognition that carries a \$300 cash award from the annual earnings of the John Scheibelhut Teaching Award Endowment Fund. "I was very surprised that I was even nominated for it. Obviously, I'm pleased that I received it and I hope I can live up to the expectations such an honor entails."

Buckhoff describes himself as "a challenging, but fair instructor." His students agree.

"Dr. Buckhoff is very knowledgeable. He always knows what's happening and always gives new insight to the class on the subject matter at hand," wrote recent graduate Laurie Schepper Mitchell in a letter of nomination. "He shows he cares through offering encouraging words and tries to help in any way he can. He is the best teacher I've ever had. He truly knows how to explain things and pushes excellence."

Another recent graduate, Bradley S. Kragness, wrote of Buckhoff, "He is the most demanding instructor I've had at NDSU, and I've found it rewarding. (He) expects professional level work and accepts no less."

Buckhoff earned his bachelor's and master's degrees at Brigham Young University, Provo, Utah, and his doctorate in accounting from the University of Kentucky, Lexington. Prior to joining NDSU, Buckhoff was on the faculty of the University of Southern Maine, Portland. He is also president of Buckhoff, O'Halloran and Associates, LLP, a firm specializing in fraud detection, examination and prevention consulting services. His other honors include the 1998 Apple Polisher Award from the Bison Ambassadors.



**Macintosh**

Macintosh, who joined NDSU in 1997, was recognized for his outstanding service to the college. "This is a really nice honor," he said. "However, I think everybody in the college should have gotten an award because it's been a really busy year for all of us with accreditation issues and the growth of the college. I'm glad to win it, but I'd like to share it with everyone else."

In a letter of nomination, James Hansen, assistant professor of business administration, noted that Macintosh chaired three key college committees in the past year, including a search committee that conducted four searches. "Gerry was responsible for reviewing over 100 files for these searches in addition to scheduling and coordinating the campus visits for each candidate," wrote Hansen. "Gerry did an excellent job in his capacity as chair."

Macintosh also chaired the college's research committee and banquet committee. In addition, he organized two brown bag sessions on grant writing. He also has been a member of the University research and Consulting Committee and a member of the Search Committee for the Associate Vice President of Research.

"I've enjoyed working on the committees," Macintosh said. "A lot of good things are happening within the college and that makes it easier to put extra effort into service. Positive things are going to happen here and it has been rewarding working with people. Being a relatively new person on campus, it has been a really good way for me to meet people, make connections and get a feel for the greater university."

Macintosh currently teaches courses in sales management, marketing management and principles of marketing. He earned his bachelor's degree and master's degree from the University of North Dakota, and his doctorate at the University of Nebraska, Lincoln. Prior to joining NDSU, he was an assistant professor at the University of Manitoba for five years. He received the Business Associates' Award in 1996 for outstanding achievement in research.

## Larew helps plan Probstfield Farm celebration

Don Larew, professor of theatre arts, is helping to plan a celebration at the Probstfield Living History Farm called "Back to the Earth or Probing the Probstfield Farm" April 22. Larew was named to the board of directors of the farm's foundation in June.

The event, to be held in conjunction with the 125th Celebration of Fargo-Moorhead, will feature demonstrations of sod-cutting and plowing with horses, archeological excavations and farm safety demonstrations. The farm site was homesteaded in 1869 by R.M. Probstfield, an immigrant from Germany.

Larew, who joined the NDSU faculty in 1969, teaches costume, scenic and makeup design classes and is artistic director of Little Country Theatre.

## Dregseth receives award

Robert J. Dregseth, research specialist in entomology, has been selected as the 1999 recipient of the "Sugarbeet Distinguished Service Award" by the Sugarbeet Research and Education Board of Minnesota and North Dakota. The award recognizes Dregseth for more than 26 years of service to the sugarbeet industry through insect pest management research and extension.

Dregseth will be formally presented with the award at the Red River Sugarbeet Growers Association annual meeting Friday, Dec. 3. The NDSU entomology department is planning a coffee and cake reception in his honor at 10 a.m. Tuesday, Dec. 7, in Hultz Hall 202D.

## Microbiology student chosen for McNair Scholars program

Lisa Elijah, a microbiology major from Devils Lake, has been selected to participate in the McNair Scholars program. She is minoring in chemistry and plans to pursue a doctorate in microbiology after graduation from NDSU.

Each McNair Scholar is supported by a faculty and library mentor. Catherine Logue, assistant professor of veterinary and microbiological sciences is Elijah's faculty mentor, and Kathie Richardson is her library mentor.

The McNair Scholars program was named after Ronald E. McNair, one of the members of the Challenger space shuttle crew. The NDSU McNair Scholar program, one of the original 14 in the nation, has been on campus since 1989. The program is funded by the United States Department of Education and is administered at NDSU by the Office of TRIO Programs in the Division of Student Affairs.

## Scholarships presented to CME students

Scholarship awards recently were presented to several construction students at the November general membership meeting of the Home Builders Association of Fargo-Moorhead. Contributors to the scholarship fund included the National Association of Home Builders and Builder's Care, the philanthropic arm of the Home Builders Association of Fargo-Moorhead.

The scholarship recipients were: John Fier (\$500), John Buck (\$255), Andy Johnsrud (\$255), Kris Neset (\$255), Kelly Schipull (\$255), Joe Erickson (\$200) and Brett Anderson (\$200). The scholarship selection committee consisted of Rick Duval, Rick Duval Construction; Ron Barstad, Barstad Construction; Jean Ryal, Park Co. Realtors/Better Homes and Gardens; Les Stenerson, Stenerson Lumber; Bryce Alme Johnson, executive vice president of the Home Builders Association of Fargo-Moorhead; and Charles McIntyre, assistant professor of construction management and engineering. Applicants were rated according to their academic standing, career objectives, involvement in the NAHB student chapter and the overall quality of their application.

## Student receives scholarship from golf course superintendents

Brian Boll, a senior horticulture student, has received the \$3,500 Mendenhall Award from the Golf Course Superintendents Association of America. The scholarship goes to qualified students expressing interest in pursuing a career as a golf course superintendent.

Boll also will attend the organization's annual conference in New Orleans in February.

"I'm really pleased I was able to get it," said Boll, who will use the money to defray education expenses. "Without the help and knowledge of the faculty in horticulture and my adviser, Ronald Smith, I don't think I would have been able to get this grant."

Boll has worked five summers at golf courses, including the Trophy Club Golf Course, Trophy Club, Texas; the Fargo Country Club; and Interlachen Country Club, Edina, Minn. He said he is considering graduate school to further his education.

"Brian is a gifted young man who volunteers to learn," said Smith, NDSU Extension specialist, horticulturist in plant sciences and Boll's adviser. "He is patient, understanding and is always willing to teach others. He's also a very good listener."

Boll, a defensive end on the Bison football team, is a native of Woodbury, Minn. He is the son of Dennis and Lynne Boll, Keller, Texas.

## Events

### Seminar to offer tips for mental stress and Y2K

Gail Nelson, corporate consultant and trainer for The Village, is scheduled to present "Increasing Your Tolerance for Chaos," at 11:45 a.m. Monday, Dec. 6, in the Memorial Union Prairie Rose Room. The session will offer tips on how to handle all kinds of mental stress, including Y2K. Jean Ostrom-Blonigen, internal auditor, also will present a brief overview of NDSU's Business Continuity Plan for Y2K. The seminar is expected to last about an hour.

All faculty and staff are invited to attend and should feel free to bring their lunch. For more information, contact Lyn Pletta at 1-8965 or [pletta@badlands.nodak.edu](mailto:pletta@badlands.nodak.edu).

### Red River Communication Conference seeks participants

The 15th Annual Red River Communication Conference is scheduled to be held at NDSU April 24-26. The theme of the conference is "Sharing Perspectives: enVISIONing the Communication Spectrum." This year's keynote speaker will be Sonja Foss. Her address is scheduled for April 24 and is titled: "Evaluating Visual Images: Memphis Furniture, 'Valley Curtain' and Graceland."

The communication department invites scholarly work, discussion panels and other scholarly and creative activities for presentation at the event. Students are encouraged to submit work for presentation as well.

Anyone interested in presenting at the conference should submit two copies of essays and/or panel proposals that should include an attached title page with names, affiliations, mailing addresses, phone numbers and e-mail addresses of all panelists to: Deanna Sellnow, 321 Minard. Direct questions about this year's conference can be sent to [dsellnow@badlands.nodak.edu](mailto:dsellnow@badlands.nodak.edu). The submission deadline is March 1.

## Winter Commencement set for Dec. 17

NDSU's Winter Commencement is scheduled for 4 p.m. Friday, Dec. 17, at the Bison Sports Arena.

Denis Isrow, professor of health, physical education and recreation, will serve as Grand Marshal; Thomas Barnhart, professor of health, physical education and recreation, will be Faculty Marshal; and Mark McCourt, professor of psychology, will be Stage Marshal.

Faculty will march by academic rank and seniority. Faculty and staff with academic degrees and the graduating class will wear caps and gowns.

In a letter to faculty and staff, President Joseph Chapman presented a personal invitation to attend. "It is a very positive symbol of individual student success, family and community pride, and faculty and staff support," he wrote. "I have always felt that individuals who do not attend commencement exercises and college receptions miss one of the most exciting days on our campus and forfeit a full perspective on the wonders of the collegiate experience."

## Volleyball team advances to Elite Eight

The NDSU women's volleyball team beat Northern Colorado Nov. 20, to win its second straight NCAA Division II North Central Region volleyball championship. The team will now advance to the 1999 NCAA Division II Elite Eight Tournament beginning Thursday, Dec. 2, at the Kellogg Arena in Battle Creek, Mich. The team will play Brigham Young University-Hawaii in the opening round.

Carrie Jacobson, a senior from Willmar, Minn.; Alanna Hetland, a sophomore from Watertown, S.D.; and Geri Getchell, a senior from Dayton, Minn., were named to the NCAA Division II North Central Regional All-Tournament Team.

## Tri-College percussion group to present holiday concert

The Tri-College Percussion Ensemble and Marimba Choir has scheduled its annual holiday concert for 8 p.m. Monday, Dec. 6, in the Festival Concert Hall at NDSU. The concert is free and open to the public.

The event is presented by the music departments of NDSU, Concordia College and Moorhead State University. The program will feature both traditional seasonal music as well as a variety of other pieces. Works scheduled to be played include "Concerto for Percussion Ensemble," Greig's "In the Hall of the Mountain King," a Chopin prelude and holiday pieces including "Away in a Manger," "O Come O Come Emmanuel" and Deck the Halls."

The percussion ensemble is directed by David P. Eyler, Tri-College director of percussion studies.

## New employee orientation set for Dec. 8

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

## Intensive English program scheduled for spring semester

The Intensive English Language Program (IELP) is scheduled for spring semester Jan. 10 to May 5. The course is designed to develop skills for academic study and general use of the English language in the United States. The IELP is open to any high school graduate interested in studying advanced English. It assists international undergraduate and graduate students who are conditionally admitted to NDSU to meet the English proficiency requirement. Prospective international teaching assistants who have not obtained a 600 on the Test of English as a Foreign Language (TOEFL) are required to attend the program. It also is available for foreign scholars and other visitors on campus and in the community who desire to improve their English skills.

The IELP is a self-supporting program offered through the Division of Continuing Education. Tuition, which includes books and health insurance, is \$2,615 for the spring session. Spring program classes meet 12 hours per week with additional time for tutoring and practice in the language laboratory. The program also is offered during the summer for five weeks and fall semester for 15 weeks.

For additional information, contact the Office of International Programs at 338 Ceres Hall, by telephone at 1-7895, by e-mail at [nuin@plains.nodak.edu](mailto:nuin@plains.nodak.edu), or visit the Web site at [www.ndsu.nodak.edu/International/English](http://www.ndsu.nodak.edu/International/English).

## Senior art exhibit on display

A sculptural art exhibit, "Escaping the Monotony," by senior art student Randy Gunnink is on display in Gallery 101 of the Art Building through Dec. 10. A reception is planned for 4-6 p.m. Friday, Dec. 3.

The exhibit of carved wood and steel is intended to discuss how society has become dependent on a network of lines created by a grid system. "We see the grid everywhere we go. It is in our streets, in our buildings and even in the music we listen to," wrote Gunnink in his artist's statement. "The goal of this exhibit is to show how society has become dependent upon this network of lines and how these lines control how we live our lives."

The exhibit is free and open to the public.

## Y2K not expected to create major problems, but planning for the worst conducted

After preparing for months and even years for a possible Y2K computer meltdown, New Year's Eve is generally expected to be anticlimactic. Most observers on-campus expect the electrical grid which powers modern life to remain intact and that through reasonable preventative measures, major campus issues will be prevented while minor computer glitches should be handled with relative ease.

Still, NDSU will be ready New Year's Eve with teams of staff members on campus to direct computer operations and be on the watch for serious problems in the event the experts are wrong.

Two campus committees have been preparing NDSU for Y2K and coordinating with other NDUS campuses. The Y2K Steering Committee, chaired by Mark Dahl, physical plant, and James Ross, ITS, created a campus plan that included conducting an inventory of

hardware issues, providing information on remedies, and setting up a network of unit representatives to coordinate localized efforts. A second committee, the Y2K Business Continuity Task Force, chaired by Dick Rayl, vice president for business and finance, met to plan for the continuation of critical university functions in the event of unanticipated Y2K problems. This task included making plans for New Year's Eve campus management at an emergency operations center to be set up in Thorsen Maintenance Center and determining priorities in the event of wide-scale power outages.

"In the early stages of campus planning, it became apparent that limitations in university resources meant that departments and individuals would need to take responsibility for departmental contingency planning and actions, including making backup plans for research projects that are vulnerable to Y2K interrup-

tions," said Ross. "Anyone with questions now still has time to get the information they need and take appropriate steps to prevent problems."

People with questions about Y2K computer issues should visit [www.ndsu.nodak.edu/cya](http://www.ndsu.nodak.edu/cya) for current information on Y2K hardware and software issues. The site also includes status reports on the NDSU Y2K Project (see [www.ndsu.nodak.edu/cya/project/tracking/](http://www.ndsu.nodak.edu/cya/project/tracking/)) and emergency planning (see [www.ndsu.nodak.edu/cya/project/unit\\_reps/contingencyplan.html](http://www.ndsu.nodak.edu/cya/project/unit_reps/contingencyplan.html)).

Copies of a document outlining the campus plans of both the Business Continuity Task Force and the NDSU Y2K Steering Committee may be purchased from Document Publishing in the basement of Morrill Hall. Ask for "North Dakota State University's Y2K Strategies." Copies also are available in the Library.

### NDSU Y2K-related Web sites and links

[www.ndsu.nodak.edu/cya](http://www.ndsu.nodak.edu/cya)

The "cover your assets" site. Includes a desktop software checklist, a software compliance search tool, a Microsoft Year 2000 software analyzer and advice on testing equipment for Y2K.

[www.ndsu.nodak.edu/cya/project/tracking/status09-30-1999.htm](http://www.ndsu.nodak.edu/cya/project/tracking/status09-30-1999.htm)

The latest NDSU Y2K Project status report.

<http://LISTSERV.NODAK.EDU/archives/ndsu-y2k.html>

This list is used for general announcements to the NDSU Y2K project groups. Anyone is welcome to subscribe.

<http://LISTSERV.NODAK.EDU/archives/ndsu-y2k-ur.html>

Steering committee members and unit representatives maintain this site for discussions.

[www.ndsu.nodak.edu/cya/project/people.html](http://www.ndsu.nodak.edu/cya/project/people.html)

This link lists Y2K project personnel, including unit representatives.

[www.nodak.edu/cya/y2k/reports.html](http://www.nodak.edu/cya/y2k/reports.html)

NDUS Year 2000 reports are available online in PDF and MS Word97 formats. The NDSU steering committee has filed two reports every month—one for NDSU and one for HECN-South.

[www.nodak.edu/y2k/status.html](http://www.nodak.edu/y2k/status.html)

HECN-North publishes updates periodically regarding the status of Year 2000 projects for the NDUS administrative system.

### Y2K tips

#### Desktop viruses are rampant now and could increase in the new year

Download and install virus detection software at: [www.ndsu.nodak.edu/its/resources/virusinfo.shtml](http://www.ndsu.nodak.edu/its/resources/virusinfo.shtml).

#### Prepare your office

Before you leave for the year, unplug all unnecessary electrical devices, including computers, in your office and close all windows.

## Business, Payroll offices expecting little impact from Y2K

People at the NDSU Business Office and Payroll Office are confident that checks, statements and financial aid disbursements will not get jumbled up by the Y2K bug. Their message is a simple one—they're ready.

For the Business Office, January is the start of a new semester and that means a busy time for collecting tuition and fees from students. Therefore, the office has carefully prepared for any Y2K issues with the Higher Education Computing Network because it wants to insure that its accounts receivable system is up and running.

"We anticipate only minor problems, if any, but we are planning for the worst. That is the stance we've taken," said Julie Illich, Business Office manager. "If there are problems, they will be limited and only affect a limited population. We've done everything in our control to alleviate any major problems."

If things don't go as smoothly as expected, there are contingency plans in place. Before Dec. 31, a report will be developed that contains information about individual student's account receivable, registration and financial aid. That report will be downloaded to a data base or spreadsheet.

"Just in case there are any problems, then we have a record of account balances at that point in time," Illich explained. "That way we can still record payments or any increases that may come about." She notes that any difficul-

ties which may arise will be handled on a case-by-case basis and the first statements in 2000 will be printed toward the end of January. "If there are any problems related to Y2K, we will give the customer the benefit of the doubt," she said.

The office also plans to run the "1098-T" statements for Hope Scholarships and the Lifetime Learning Credit prior to Dec. 31. Those statements are due to students by Jan. 31, but Illich wants them done early. "That way they aren't a concern if things don't work out on Jan. 1," she said.

Another issue is financial aid disbursement, which begins on Jan. 25. Again, the Business Office is not expecting any problems because there will be some time to make any necessary adjustments. "Other institutions in the university system are utilizing the disbursement process earlier than NDSU, so when we get to it the bugs will be worked out," Illich said. "I don't anticipate any problems there."

Meantime, a similar story comes from the Payroll Office.

"It's business as usual," said Karin Stinar, payroll director. "Y2K is a concern, but we've been working with Information Technology Services for a long time. They have tested every aspect of the payroll system and they believe there won't be any problems."

**Business and Payroll** cont. on page 4

### Y2K tips

#### Do not pick up the phone at midnight Dec. 31 to test for a dialtone

If everyone did this, the number of people on the system could cause the network to crash.

#### Do not take your money out of the bank

Government deposit insurance will protect your money. Keep paper copies of finances organized in case of a discrepancy.

#### Have a battery operated radio

Don't forget extra batteries.

#### Fill your car with gas on or before Dec. 31

### Residence Life issues Y2K procedures for on-campus students

The Department of Residence Life has issued a list of instructions and precautions for all students living on campus. Before leaving for the holiday break, all students have been advised to do the following:

- Unplug all electrical appliances to protect them against a possible power surge
- Remove all valuable items from the floor of the room to prevent damage in the event of flooding due to broken

water pipes; room-sized carpets may stay on the floor

- Reconfirm property insurance coverage; NDSU will not cover damage to personal property, as stated in Section 12 of the License Contract
- Close drapes and windows to prevent radiator freeze up
- Lock both the room and foyer doors
- Take out-of-season equipment home for winter storage

- Clean room and empty wastebaskets
- If possible, take home items of great value

All rooms will be checked by staff for safety and security reasons. Further questions regarding residence halls and Y2K may be addressed to members of the residence hall staff, or by calling the Department of Residence Life at 1-7557.



## How to be prepared at home

### Stock disaster supplies to last several days:

- Water
- Nonperishable foods  
(have a non-electric can opener in case of a power outage)
- A supply of prescription and nonprescription medications

### Prepare as you would for a winter storm:

- Have extra cash or traveler's checks on hand
- Have alternative cooking/heating devices in case of power failure  
(do not use open flames or charcoal grills indoors)
- Have extra blankets, coats, hats and gloves available

### Other household suggestions:

- Wash all dishes/laundry
- Stock up on flashlights and extra batteries;  
candles are not recommended for emergency lighting
- Examine smoke alarms; test batteries
- Make backup copies of files on home computers
- Check bank statements and mortgage loan payment schedules
- Check life insurance and retirement annuity calculations
- Request a personal credit report in 1999 and again in 2000

### Useful Web sites:

- <http://ci.fargo.nd.us/y2k>  
Provides local Y2K information from power companies, health care providers, telecommunications companies and financial services
- [www.redcross.org/disaster/safety/y2k.html](http://www.redcross.org/disaster/safety/y2k.html)  
Answers frequently asked questions and provides disaster safety tips

## CICS systems may be unavailable Dec. 27-31

The decision regarding administrative CICS availability during the last week of 1999 will be made by mid-December. As a result of Y2K contingency planning, Production Control is anticipating a heavier than normal month-end processing load; therefore, CICS access may need to be suspended during the week of Dec. 27. These delays and outages also will affect processing SAS programs.

## Physical Plant ready for Y2K

Mark Dahl, associate director of the physical plant and co-chair of the NDSU Y2K Project, said the campus infrastructure is prepared for when the clock strikes midnight New Year's Eve.

**"The risk for power outages on that day will be no greater than any given winter day."**

Physical Plant personnel have inventoried, checked and updated all equipment and software that is mission-critical or high-impact—digital control panels for heating, ventilation and cooling systems, the control system for the heating plant, telecommunications systems, security systems, elevator systems—to make certain they will continue to function properly.

Staff will be on duty the night of Dec. 31/Jan. 1, and will conduct a building-by-building inspection after midnight to recheck controllers and systems. While there could be some isolated problems with digital controllers, Dahl said those situations can be remedied manually without too much difficulty.

"As long as we have power, we won't have many problems out here," he said. "The risk for power outages on that day will be no greater than any given winter day. Northern States Power spent \$24 million over three years on this, and they have redundancies and contingencies, so I don't think that's going to be an issue."

The Physical Plant has four boilers, two powered by coal and two powered by natural gas or fuel oil. During the winter, the Physical Plant runs two to three boilers, depending on the load, to provide the steam that heats campus buildings.

The heating plant will be powered mainly by its two coal-burning boilers that weekend. NSP will "pack" its lines to assure a three- to four-day supply of natural gas for campus in the event of a catastrophic situation. The Physical Plant also can switch the third boiler to fuel oil, and has a one-day supply on site.

All campus buildings have some sort of electrical device in their heating systems, so an electrical failure could cause problems. However, Dahl reiterated that scenario is unlikely.

The Physical Plant also has completed a campus wide inventory of heating systems in buildings to establish priorities in the event of a power outage. "We'll have an ordering, which buildings we go to first, what we have to do, what things we have to watch out for. If we do have a critical device in a building, we're identifying whether the electrical system is such that a portable generator will facilitate that," Dahl said.

"As a campus we've had a very rigorous and organized effort, so we should be in good shape."

After several upgrades, the Telecommunications Division of Physical Plant has been assured by respective system providers that all embedded components are Y2K compliant. An uninterrupted power supply backed up by a building generator will provide emergency power in the event of an unexpected power outage. Contingencies also are in place to provide emergency communication in the event of trunking failures to/from the public switched network.

# ITS to shut down servers Dec. 31

Y2K preparations will make for a very busy New Year's Eve Day at NDSU's Information Technology Services. During the afternoon of Dec. 31, ITS will shut down the 30 to 40 servers that are used on the campus, back them up and then restart them in a carefully planned fashion as the new year begins.

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## "We've been working for almost two years to be ready for this."

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"We've chosen to take a pro-active rather than a reactive approach to Y2K," said Johannes Grosen, associate director for ITS network and server services. "We've been working for almost two years to be ready for this. There has been a lot of testing and remediation that has gone into preparing computing systems."

Beginning at noon on Dec. 31, ITS will shut down the entire server system and back-up each server. "We're doing that to ensure that we have a copy of all the data and software before the year 2000 so if there is a problem, we have a way of going back and getting a reliable set of data," Grosen said. "Also, if there is a problem, we'll be able to address it in an organized manner rather than a fire-fighting mode."

Starting at midnight, the servers will be turned back on one at a time in a process that is expected to take less than two

hours. In this way, ITS personnel will test and ensure that various software and systems work. The only exception is the campus network, which will continue in operation. "We'll be building the pyramid, if you will. We'll start with the core, fundamental services and then we'll bring in the next levels until we're back to normal operations," Grosen said.

To help ITS in this process, campus computer users are asked to shut off and unplug their computers before noon Dec. 31. All unnecessary computer usage should not begin again until Jan. 3, when employees return to work after the holiday. Employees also are asked to note that the Help Desk will be unavailable from 5 p.m. Thursday, Dec. 30 to 8 a.m. Monday, Jan. 3, except for internal ITS use and priority services, as defined by the NDSU Business Continuity Task Force. Calls to the Help Desk number during this time will receive an automated status message.

"We want people to enjoy the New Year's holiday and not worry about the possible consequences of Y2K at NDSU. Let us do our work over the weekend to execute our plan. That way, when people come back, the services they depend on will be available and ready for them to use," Grosen said.

There are some unknowns that ITS may have to deal with, including power shut-offs or Internet connectivity. However, the campus has been assured by the city,

power companies and networking providers that there should not be problems in those areas.

"My confidence level about our ability to survive from an information technology standpoint is very high," Grosen said. "We've done a lot of testing and feel that the core services that we are responsible for providing are ready for the year 2000."

If personnel suspect they have a problem when they return to campus after the holiday, they are encouraged to work through their department Y2K contact person. The representative may have information that will help, or that person can provide more direct access to ITS for any needed assistance.

"Complacency is our enemy in this," Grosen said. "People shouldn't assume things. Before we get to Y2K, they should test their own applications like spread sheets and small data bases to insure they are compliant."

A special Web site will go into service on New Year's Eve which will be specifically geared to provide ITS Y2K status updates. It can be reached at <http://y2k.ndsu.nodak.edu>. Note that this site will not be active until New Year's Eve Day. In the event of severe networking or power failures, this Web site will not be available. Under these circumstances, NDSU will be making information available through local radio stations and other media.

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## Business and Payroll

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December's payday is Dec. 30, so there won't be any problems there. By the time the next main payroll comes out at the end of January, any unanticipated computer problems are expected to be ironed out.

W-2 forms are due out to employees by Jan. 31. Stinar expects them to be run in January as they normally are and delivered to workers without delay.

Just in case there are some payroll problems, contingency plans are in place. For example, a manual time-keeping system would be used if KRONOS, the payroll system for 500 to 600 hourly wage employees, goes down. Those workers are scheduled to receive semi-monthly paychecks on Jan. 15. "I don't anticipate any problems because KRONOS is Y2K compliant," Stinar said. "The vendor we work with has no worries either."

On a related matter, Stinar said it is crucial departments provide their December payroll information in a timely manner. "This December is not unlike other Decembers, but maybe this December is even more important because of the Y2K issue," she said. "The time slips, payroll forms—everything. Departments have to get them to us early."

In general however, Stinar is pleased with the NDSU's readiness for Y2K and her message to campus workers is concise. "I anticipate that everything will run smoothly. If it doesn't, we'll deal with it at that time," she said. "There may be a few glitches to work out, but we've got a lot of smart people on campus working on this. I'm very confident."

## Y2K tips

**Test your alarm clock one day prior to returning to work**

**Have one standard (non-cordless) phone**

If there is a loss of power, phone lines may still be operational

## Volunteer Network sponsors stocking tree

The Volunteer Network is sponsoring the 11th Annual Stocking Tree in the Student Activities Office, 360 Memorial Union. Instead of lights and ornaments on the tree, the group is requesting that students, faculty and staff hang socks and mittens on the tree. New t-shirts, sweatshirts or blankets also can be contributed and left at the bottom of the tree in place of a tree skirt.

The tree will be up through Dec. 10, and the items will be donated to the YWCA. Interested persons are asked to label all items with their names and place them on or below the tree. For more information contact the Volunteer Network at 1-1055.

## Plant pathology seminar courses planned for Dec. 6

"Techniques in Electron Microscopy," plant pathology 756 course seminars, are planned for 8:30 a.m.-11:30 a.m. Monday, Dec. 6, in the Northern Crops Science Laboratory, room 148. Graduate students will be presenting the 20-minute seminars.

**8:30 a.m.** Sherry Thomas, chemistry, "Quest for Quantum Dots: Scanning Electron Microscopy (SEM) Study on Nano-sized SnS Semiconductor Crystallites"

**8:55 a.m.** Zoha AL-Badri, chemistry, "Micelle Formation of Diblock Copolymer in Organic Solvents"

**9:20 a.m.** Jennifer L. Bath, microbiology/veterinary science, "Studies on Heligmosomoides polygyrus Worms Recovered from Mice Immunized with the Homologous Retinol Binding Protein, 95b"

**9:45 a.m.** Kiran Oberoi, plant pathology, "A Scanning Electron Microscopy Study of the Host Pathogen Interaction of Phytophthora erythroseptica with Potato Tissue"

**10:10 a.m.** Lisa Althoff, microbiology/veterinary science, "A Scanning Electron Microscopy Study Differentiating L4 Verses Adult Worms of the Parasitic Nematode, Heligmosomoides polygyrus"

**10:35 a.m.** Gioconda Garcia, plant sciences "Structural Differences in the Mature Endosperm of Two Malting Barley Cultivars"

For more information contact Tom Freeman, professor of plant pathology, at 1-8435 or [thfreema@badlands.nodak.edu](mailto:thfreema@badlands.nodak.edu).

## 'TV in '53' exhibit open at Library

Photographs, documents, and objects illustrate the golden age of television in the exhibit "TV in '53," which runs through Feb. 27 in the Lower Level Gallery of the NDSU Libraries. The exhibit was prepared by the State Historical Society of North Dakota Traveling Exhibits Program and traces the early stages of communication to the birth of television in the state in 1953. It is free and open to the public.

Radio set the stage for television following World War I, when Westinghouse, General Electric, American Telegraph and Telephone (AT&T), and Radio Corporation of America (RCA) set up radio broadcasting stations. By the mid-1920s, a battle was raging between individuals and corporations for control of choice radio frequencies. To meet the growing demand for radio programming, AT&T, RCA, GE, and Westinghouse, once fierce rivals in radio broadcasting and its hardware, established a "network." RCA, GE, and Westinghouse formed the National Broadcasting Company (NBC). AT&T provided the cross-country link that made a national network possible. Less than one year after NBC's first broadcast in November 1926, a rival network, the Columbia Broadcasting System, (CBS), was organized.

By the mid-1920s, scientists developed television. It's prominence in American homes was delayed though, first due to the Great Depression, and a second time by World War II. When the war ended, television boomed. By the end of the 1940's, 34 million homes had television sets.

Three stations went on the air in North Dakota in 1953: KCJB-TV, in Minot; WDAY-TV, Fargo; and KFYZ-TV, Bismarck. By 1958 five more stations provided broadcast services to North Dakota.

Today in the average American home, a TV is on six hours each day. By the age of eighteen, most people have watched 350,000 commercials.

For more information on the exhibit, contact Michael M. Miller, NDSU Libraries, at 1-8416 or [mmmiller@badlands.nodak.edu](mailto:mmmiller@badlands.nodak.edu).

## Stuffed animal drive sponsored for children in crisis

The Child Development Family Science Club and the Center for Child Development are sponsoring a stuffed animal drive for children who have experienced the devastation of fire, loss or a crisis in their lives. The collection of the items runs through Dec. 7.

Faculty and staff are asked to bring new stuffed animals to the Center for Child Development's drop-off box in the center's main entrance or to E. Morrow Lebedeff Hall room 261.

The children from the center and club members will present the stuffed animals to the Fargo Fire Department Dec. 9. They will then be given to children immediately following a crisis or loss situation. For more information, contact Deb at 1-8281 or Jill at 298-6753.

## Silent auction to help local charity

The NDSU Volunteer Network and Memorial Union are sponsoring the "Creative Hands Give a Little" silent auction and reception to benefit a local charity. The silent auction is planned for 9 a.m.-4 p.m. Thursday and Friday, Dec. 2-3, and the reception is scheduled for 4:30 p.m. Dec. 3, both in the Memorial Union Alumni Lounge.

Student and faculty from the architecture/landscape architecture and art departments have been invited to Christmas ornament design charette. The ornaments created will be placed on the silent auction.

With each bid at the auction, the bidder will include the name of a local charity they wish to receive the proceeds. From the list compiled from the charette and the auction, organizers will select the agency most often mentioned.

At the Dec. 3 reception, the top bids will for each ornament will be announced and the charity that will benefit from the project will be named. For more information, contact Nicole Kahl at 1-1055.

## HD&E to host wassail tea party

Faculty, staff and students are invited to attend the College of Human Development and Education Wassail Tea to be held from 2-4 p.m. Tuesday, Dec. 7 in the E. Morrow Lebedeff Hall Founders Room (EML 270).

Wassail is traditionally associated with Twelfth Night, a holiday celebrated in many countries, when children waited for a little old lady, Befance, to come and leave gifts in their stockings. Other traditions of the holiday are taking down and burning all Christmas decorations or burning the Christmas tree. It also was believed that if a wish is written on a slip of paper and burned, it would come true. When refreshments were served it was traditional to say "Wassail" which means "be of good health" or "good cheer" with a reply of "Drink Hail."

Wassail contains a mixture of ale, roasted apples, eggs, sugar, nutmeg, cloves and ginger and is served hot. The College of Human Development and Education has adopted its own traditional recipe for Wassail using apple cider instead of ale.

At NDSU, the Christmas Wassail Tea originated in 1953 and all home economics students, faculty and friends were invited. Phi Upsilon Omicron began sponsoring the tea each year and it has turned into an annual event. Today it is sponsored by the Dean's Student Advisory Council, Student Advisors and the student member section of Phi Upsilon Omicron.

## Shorts and Reminders

### Positions Available

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

#### Coffee Barista/#3220

(8 a.m.-4:30 p.m.; Monday-Friday)

Dining Services - Memorial Union Dining Center

\$7.10/hour

Dec. 3 (internal); Dec. 17 (external)

#### Administrative Secretary

Memorial Union

\$18,500+/year

Dec. 3 (internal)

#### Administrative Clerk/#2067

Student Academic Affairs

\$16,292/year

Dec. 3

#### Salad Prep Worker/#1154

(5 a.m.-1:30 p.m.; Monday-Friday)

Dining Services

\$7.10/hour

Dec. 9

#### Recruit Police Officer/#656

Vice President, Business and Finance

\$21,264/year

Dec. 9

#### Assistant Director/#3490

Financial Aid Office

\$29,900 minimum/year (negotiable based on experience)

Dec. 1

#### Business and Marketing Specialist/#4407

NDSU-IBID

\$25,000 minimum/year; commensurate with training and experience

Dec. 3

#### Head of Technical Services/#0518

Libraries

\$40,000+/year

Dec. 6

#### Life Science Librarian/#0527

Library

\$27,108 minimum/year

Dec. 28

#### Food Technologist/#1621

Food and Nutrition/AES

\$28,000 minimum/year

Dec. 31

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 201K announces the following funding opportunities and deadlines. For more information, call 1-8114; or refer to the given Web site or contact person. For information about other grants, check the Research Administration Web site at [www.ndsu.nodak.edu/ndsu/sizer/resadmin.html](http://www.ndsu.nodak.edu/ndsu/sizer/resadmin.html) and click on "Funding Opportunities."

**National Aeronautics and Space Administration (NASA)  
Microgravity Combustion Science:  
Research and Flight Opportunities**  
[http://peer1.idi.usra.edu/peer\\_review/nra/99\\_HEDS\\_04.html](http://peer1.idi.usra.edu/peer_review/nra/99_HEDS_04.html)  
**Deadline: Jan. 5 (letters of intent); Feb. 15 (full proposal)**

This NASA Research Announcement (NRA) solicits proposals for flight experiments and for ground-based experimental and theoretical microgravity research in combustion science. The combustion science discipline represents a broad range of research areas including but not limited to gaseous flames (premixed and non-premixed), droplet, particle, spray, and dust flames; ignition and flamespread over liquid and solid fuel surfaces; smoldering combustion, and combustion synthesis. Investigations selected for flight experiment definition must successfully complete a number of subsequent development steps, including NASA and external peer reviews of the proposed flight experiment, in order to be considered for a flight assignment. Participation is open to U.S. and foreign investigators and to all categories of organizations: industry, educational institutions, other nonprofit organizations, NASA centers and other U.S. government agencies.

**National Institutes of Health (NIH)  
National Institute of Environmental Health Sciences  
(NIEHS) and the National Institute of Neurological  
Disorders and Stroke (NINDS)**  
<http://grants.nih.gov/grants/guide>  
**Deadline: Jan. 11**

The National Institute of Environmental Health Sciences (NIEHS) and the National Institute of Neurological Disorders and Stroke (NINDS) are inviting applications to investigate the role of the environment in Parkinson's Disease. Examples of possible topics are mechanisms by which environmental exposure, endogenous susceptibility factors and age contribute to the disease; epidemiological studies targeted to specific environmental agents associated with an increased risk for neurodegenerative disorders; and studies of dietary and lifestyle factors as predisposing or preventive influences.

**Department of Education (DE)  
Office of Educational Research and Improvement (OERI)  
Field-Initiated Studies**  
<http://ocfo.ed.gov/fedreg.htm>  
**Deadline: Feb. 16**

The Education Department's Office of Educational Research and Improvement is inviting applications under its field-initiated studies research program, which gives investigators the leeway to pursue their own research ideas to improve instruction and learning. This competition covers priority areas across OERI's individual institutes on student achievement and assessment, at-risk students, early childhood, educational governance and post-secondary education. This highly popular program funds one in 25 applications. Officials advise applicants to make a case for the national significance of the

issues they propose to address and to present a clearly delineated research design which incorporates sound research methods. Collaboration is encouraged, such as between major research universities and underrepresented institutions.

**National Science Foundation (NSF)  
Energy Sciences**  
[www.sc.doe.gov/production/grants/grants.html](http://www.sc.doe.gov/production/grants/grants.html)  
**Deadline: Applications may be submitted at any time**

The Energy Department is inviting applications under its annual open solicitation for energy-related research including the physical and biological sciences. Interests are wide-ranging for this initiative. Areas include basic energy sciences, which supports fundamental research in the natural sciences and engineering, including materials science, chemical sciences, energy research, geosciences and energy biosciences; high energy and nuclear physics; computational and technology research, including mathematical, information and computational sciences, applied mathematics and computer science and networking; fusion energy sciences, which supports research to develop the physics knowledge base and facilities and enabling technologies; and biological and environmental research, which includes science, medical applications and measurement science, environmental remediation and environmental processes.

## Calendar

### December

- 1 Architecture/Landscape Architecture—John Shardlow will present a seminar at 5:30 p.m. in Loftsgard 114
- 1 USDA-ARS—Daryl Klindworth, "Transfer of Glu-D1d to Durum Wheat and Development of a Stem Rust Susceptible Set of D-genome Disomic Substitutions," 1:30 p.m., Northern Crop Science Lab, large conference room
- 2 Chemistry—Cecelia Giuliv, University of Minnesota-Duluth, "Nitric Oxide in Mitochondria," 3:45 p.m., Dunbar 152
- 3 Psychology—Jim Mitchell, Neuroscience-UND Medical School and Neuropsychiatric Research Institute, "Recent Research on the Treatment of Bulimia Nervosa," 3:30 p.m., Minard 209
- 3 Animal and Range Sciences—J.W. Schroeder, "Compensatory Nutrition-Directed Mammary Differentiation of HC11 Cell Line," 3:30 p.m., Hultz 104
- 3 USDA-ARS—Oscar Riera-Lizarazu, Oregon State University, Corvallis, "Sub-Chromosome Specific Genome Analysis," 10 a.m., Northern Crop Science Lab, large conference room
- 3-5 Madrigal Dinners, 6:30 p.m., Festival Concert Hall, Grand Lobby
- 4 Women's basketball vs. Stonehill College, 7 p.m., Bison Sports Arena

- 6 Tri-College Percussion Ensemble and Marimba Choir concert, 8 p.m., Festival Concert Hall
- 7 Jazz Ensemble and Jazz Lab Band concert, 8 p.m., Festival Concert Hall
- 8 Brass Ensemble and Gold Star Concert Band concert, 8 p.m., Festival Concert Hall
- 9 Chemistry—Monique Cosman, Lawrence Livermore National Library, will present a seminar at 3:45 p.m. in Dunbar 152
- 9 USDA-ARS—Scott Jackson, University of Minnesota, St. Paul, "Cytogenetics in a Genomic Era," 10 a.m., Northern Crop Science Lab, large conference room
- 10 Annual Chili Feed and SAS Art Sale, 11:30 a.m.-1:30 p.m., Art Building
- 10 Annual Holiday Ceramic Sale, noon-6 p.m., Art Building
- 10 Psychology—Tricia Cook Myers, VA Medical Center, "Treatment of Gulf War Syndrome," 3:30 p.m., Minard 209
- 10 Last day of classes
- 12 Winter choral concert, 2 p.m., Festival Concert Hall
- 13-17 Final exams
- 14 Women's basketball vs. Mayville State, 6 p.m., Bison Sports Arena
- 14 Men's basketball vs. UM-Crookston, 8 p.m., Bison Sports Arena
- 16 16th Annual Western Dakota Crops Day, 9:30 a.m.-3 p.m. MDT, Hettinger Armory, Hettinger, N.D.
- 17 Winter commencement, 4 p.m., Bison Sports Arena
- 20-Jan. 10 Winter recess, no classes
- 24 Christmas holiday observed, university closed
- 30 New Year's recess, university closed

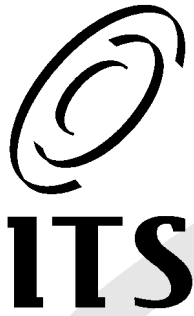
## January

- 8 Mens' basketball vs. University of North Dakota, 7 p.m., Bison Sports Arena
- 9 Women's basketball vs. University of North Dakota, 7 p.m., Bison Sports Arena
- 10 Orientation and registration for new and returning students

- 11 Classes begin
- 13 Chemistry—Scott Bohle, University of Wyoming, "Chloroquine and the Heme detoxification pathway in Malaria," 3:45 p.m., Dunbar 152
- 14 Women's and men's basketball vs. Morningside, 6 p.m. and 8 p.m., Bison Sports Arena
- 15 Women's and Men's basketball vs. South Dakota, 6 p.m. and 8 p.m., Bison Sports Arena
- 17 Martin Luther King Jr. holiday, administrative offices closed, no classes
- 18 Administrative offices open, classes resume
- 19 Graduate School Orientation, 3:30 p.m., Memorial Union Meadowlark Room
- 20 Chemistry—Marc Snapper, Boston College, will present a seminar at 3:45 p.m. in Dunbar 152
- 21 Festival Concert Series presents Brave New Workshop, 8 p.m., Festival Concert Hall
- 22 Wrestling vs. Minnesota State-Mankato, 7:30 p.m., Bison Sports Arena
- 27 Chemistry—Keith Woerple, University of California-Irvine, will present a seminar at 3:45 p.m. in Dunbar 152
- 28 Women's and men's basketball vs. Augustana College, 6 p.m. and 8 p.m., Bison Sports Arena
- 29 Women's and men's basketball vs. South Dakota State, 6 p.m. and 8 p.m., Bison Sports Arena

## February

- 2 Wrestling vs. Dickinson State, 7:30 p.m., Bison Sports Arena
- 3 Chemistry—William Shelver will present a seminar at 3:45 p.m. in Dunbar 152
- 5 Wrestling vs. Nebraska-Omaha, 7:30 p.m., Bison Sports Arena
- 10 Chemistry—Shon Pulley, University of Missouri, will present a seminar at 3:45 p.m. in Dunbar 152
- 12 Wrestling vs. Augustana College, 7:30 p.m., Bison Sports Arena
- 16 Wrestling vs. Moorhead State, 7:30 p.m., Bison Sports Arena
- 17 Chemistry—John Peters, Utah State University, will present a seminar at 3:45 p.m. in Dunbar 152



## Proliferation of viruses on the increase

Desktop viruses are running rampant. The virus writers have been very active and more than the usual number of viruses are expected in the next few months. The viruses that are being introduced on a daily basis are no longer mere irritations. They are destructive to your data and your machine.

It is more important than ever to make sure you update your antivirus program regularly. ITS is encouraging users to download and install virus detection software. This is especially crucial if you use Outlook, Outlook Express or Internet Explorer, because these applications are direct targets for a majority of the viruses.

Dr. Solomon AntiVirus Toolkit is available for downloading for all campus computers and all staff, faculty and student home machines. To download to your campus or home computer go to [www.ndsu.nodak.edu/csg/software](http://www.ndsu.nodak.edu/csg/software). The most current version for Dr. Solomon is 8.00. For off-campus access, you will need to use the NDSU modem pool. You will not be able to access or download using an ISP. Additional information about viruses is posted at [www.nodak.edu/hecn/virusinfo.shtml](http://www.nodak.edu/hecn/virusinfo.shtml).

## 'help@ndsu' wins award

At the recent 1999 ACM Special Interest Group on University and College Computing Services (SIGUCCS) conference the ITS publication "help@ndsu" received a second place award in the category printed computing newsletter for small universities. SIGUCCS is an association of professionals who support and manage the diverse aspects of information technology services in higher education. The publication is a collaborative effort between ITS and Publication Services. ITS is very pleased and honored to receive this award on behalf of all those involved.

## General notices

\*Effective Dec. 31, 1999 ITS will no longer support Windows 3.1.

\*SPSS version 10.0 is now available. The help desk will be burning new cd's. New copies may be ordered from Sue Fuss, [sfuss@badlands.nodak.edu](mailto:sfuss@badlands.nodak.edu).

## ITS staff attend Advanced Network Applications Workshop

Bonnie Neas, John Grosen and Jim Ross attended the Great Plains Network Applications Workshop, Nov. 9-10. The workshop was targeted at applications developers and support staff working at universities and colleges served by the Great Plains Network. The workshop focused on building applications that exploit the advanced networking services offered by the Great Plains, Internet2 and the very-high-speed Backbone Network Services (vBNS) networks. For more information, please see: [www.greatplains.net/activities/meetings/meeting-19991109/](http://www.greatplains.net/activities/meetings/meeting-19991109/).

## Y2K readiness sessions may be added

ITS has conducted five Y2K Lunch Box training sessions over the last few weeks. These sessions provided some general guidelines and resources for helping users make their desktop machines and software Y2K ready. Lorna Olsen needs to know whether additional sessions should be conducted. Please contact her at 1-6328 or at [Lorna\\_Olsen@ndsu.nodak.edu](mailto:Lorna_Olsen@ndsu.nodak.edu) or Cj Johnson at 1-6245 or [Cj\\_johnson@ndsu.nodak.edu](mailto:Cj_johnson@ndsu.nodak.edu). For information regarding Y2K issues visit [www.ndsu.nodak.edu/cya](http://www.ndsu.nodak.edu/cya).

## CourseInfo popularity growing

Users have created 79 courses on CourseInfo, as of Oct. 15. Learning Technologies staff are exploring effective uses of the functions supported by the tools in CourseInfo and plan on hosting an open-enrollment "course" consisting of "new and cool" instructional technologies. Additionally, CourseInfo has been used as a document store, as a virtual meeting place to define and refine WWW site design (a new ITS WWW), and for Staff Senate ballots. To obtain more information about CourseInfo visit [www.ndsu.nodak.edu/ndsu/elmsmith/CourseInfo/](http://www.ndsu.nodak.edu/ndsu/elmsmith/CourseInfo/).

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