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U LETTER

University Letter

Volume 39, Number 19: January 11, 2002

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Computer Center Changes Name To Information Technology Systems And Services

On Jan. 1, the Computer Center changed its name to Information Technology Systems and Services. This change reflects our ongoing effort to provide leadership, instruction and access to information and technology resources in support of higher education, research and public service. We will continue to provide our current services in addition to embracing leading edge technology.

Our goals are to:

- provide existing information technology services to the UND and North Dakota University System (NDUS) communities and constituents;
- provide network services that enhance teaching, learning, research and service;

- provide secure information systems and networks to assure privacy and reliability of information;
- enrich learning and research through the use of information technology;
- enable the use of information technology through guidance, support, and instruction;
- provide state-of-the-art NDUS enterprise resource planning systems.

You can access our web site at <http://www.und.nodak.edu/dept/itss>. Please remember to change your bookmarks.

We are excited about the new opportunities these changes represent for all of us and look forward to working with you on current and future endeavors. Our Help Center staff is still available at 777-2222. – *Dorette Kerian, Director, Information Technology Systems and Services.*

Events to Note

Please Note Change In Myers Gallery Schedule

There has been a change in the Hughes Fine Arts Center E. Myers Gallery schedule: Jan. 7-24 will feature selections from the Art Department's permanent collection, and includes prints and drawings with a figurative bias. – *Brian Paulsen, Art, 777-7099.*

Biologist Will Discuss Cocaine, Alcohol, And Nervous System Development

Sally Pyle (Biology) will present "Cocaine, Alcohol and Nervous System Development: Can't Find My Way Home," at 3 p.m. Friday, Jan. 11, in 141 Starcher Hall. Everyone is welcome. – *Department of Biology.*

Anatomy Plans January Seminars

Two seminars are scheduled in the Department of Anatomy and Cell Biology this month at noon in the Frank Low Conference Room, B710, School of Medicine and Health Sciences.

On **Monday, Jan. 14**, John Shabb (Biochemistry and Molecular Biology) will present "BRIN and Building Biomedical Research in North Dakota."

On **Monday, Jan. 28**, Bobby Austin, doctoral candidate, Anatomy and Cell Biology, will present "Current Neural Retinal Degeneration Research."

Thank you for your interest and consideration. -- *Garl Rieke (Anatomy and Cell Biology), Seminar Coordinator.*

Graduate Committee Meets Monday; Agenda Listed

The Graduate Committee will meet Monday, Jan. 14, from 3:05 to 5 p.m. in 305 Twamley Hall. The agenda will include:

1. Approval of minutes from Dec. 3, 2001;
2. Request to change T&L 554 — *Advanced Methods: Learning Disabilities*, from two to three credits;
3. Request to change T&L 555 — *Advanced Methods: Emotional Disturbance*, from two to three credits;
4. Request for a new course, T&L 560 — *Action Research*;
5. Matters arising.

– *Joseph Benoit, Dean, Graduate School.*

Speakers Discuss Life After Sept. 11

Multicultural Student Services will present two speakers who will discuss life after Sept. 11. Venise Berry, Professor of Journalism and Broadcasting, University of Iowa, will present "Life After Sept. 11" at 7 p.m. **Monday, Jan. 14**, in the Memorial Union Lecture Bowl. Dr. Berry is a former newscaster, a researcher on African-American culture, has written several books on women, and is a co-editor of *Mediated Messages* and *African-American Culture: Contemporary Issues*. She has written articles for a number of national journals that focus on pop culture.

"The Impact of September 11 on Our Way of Living and Learning" will be presented by Anthony Queen, Director of Pre-college Experience, University of Wisconsin-Stout, **Wednesday, Jan. 16, at 6 p.m.** in the Memorial Union Lecture Bowl. Please note the date change. Mr. Queen has been voted one of the top five black Minnesotans, serves as chair of human relations for the Minneapolis Public Schools, and hosts the weekly "Inside Sports" program on KMOJ. He is an Urban League Positive Image award winner, and has received keys to the cities of Minneapolis and Baton Rouge, La. – *M.C. Diop, Director, Multicultural Student Services.*

Teleconference Discusses Compliance Issues For Clinical Trials

The Office of Research and Program Development is participating in a teleconference titled "Compliance Issues for Clinical Trials," from 10:30 a.m. to 2:30 p.m. **Tuesday, Jan. 15**, in the Memorial Union Lecture Bowl. The session, sponsored by the National Council of University Research Administrators (NCURA), will include an examination of major compliance issues affecting clinical trials and the partnership that exists among federal agencies, drug manufacturers, research organizations, and academic health centers.

The video conference is open to all faculty, staff and students. Continuing education credits are available, and there is no charge to participate. Because the lunch break will be brief, participants are advised to bring a sack lunch. Additional information regarding the broadcasts may be found on the NCURA web site at <http://www.ncura.edu>. Please call ORPD (777-4278) if you have any questions. -- *William Gosnold, Interim Director, Office of Research and Program Development.*

Get Tickets Now For MLK Awards Luncheon

The Office of Multicultural Student Services invites you to its fifth annual Martin Luther King Jr. Awards Luncheon **Tuesday, Jan. 15**, at 11:30 a.m. in the Memorial Union Ballroom. Guest speakers include Venise Berry, professor and author, University of Iowa; North Dakota University System Chancellor Larry Isaak; and Anthony Queen, University of Wisconsin-Stout director of Pre-College Experience.

Tickets are available at the Era Bell Thompson Cultural Center, Native American Programs Office, the Women's Center, the International Centre, and on the Grand Forks Air Force Base (POC: the African American Cultural Association 746-5655 or the Military Equal Opportunity Office, 747-3200). You must purchase your ticket by **Thursday, Jan. 10**. Tickets are \$5 for students, and \$7.50 for the general public. Seating is limited.

For additional information, contact me. – *M.C. Diop, Director, Multicultural Student Services, 777-4362.*

Volunteer Opportunities Available For Students And Faculty

On **Thursday, Jan. 17**, directors of volunteer services (DOVS) will be on campus to recruit volunteers for their non-profit agencies.

DOVS provides students with the opportunity to secure required volunteer hours for their majors and provides volunteer opportunities for students and faculty who would like to volunteer in our community.

Prospective volunteers may come to the second floor of the Memorial Union between 9 a.m. and 3 p.m. to visit with volunteer representatives and to sign up for volunteer placements.

For additional information about UND Volunteer Recruitment Day, please call Sue Fisk at Altru Hospice, 780-1450. –

Jan Orvik, Editor, for Sue Fisk, Altru Hospice.

Sessions Will Aid Academic Advisors

Student Academic Services would like to share with faculty and staff information that could be helpful as we work with students in the advising process. Please join us at any or all of the following workshops:

“Navigating General Education Requirements” presented by Kacie Jossart from 2 to 3 p.m. **Tuesday, Jan. 15**, Sioux Room, Memorial Union.

“Keeping Advising Records” presented by Angie Carpenter from 10 to 11 a.m. **Tuesday, Feb. 12**, Sioux Room, Memorial Union.

“Academic Advising as a Tool for Retention” presented by Lisa Burger from 10 to 11 a.m. **Tuesday, March 19**, Room 16-18, Swanson Hall.

“Working with Students who Are Not Succeeding Academically” presented by Sommer Herring from 2 to 3 p.m. **Tuesday, April 16**, Lecture Bowl, Memorial Union.

– *Lisa Burger, Director, Student Academic Services.*

Spring Fee Payment To Be Held Jan. 17-18

Spring 2002 fee payment will be conducted **Thursday and Friday, Jan. 17 and 18**. If you are consulting with an individual who needs one-on-one assistance from the Business Office staff, please refer the individual to the Memorial Union Ballroom business manager’s table on those days. **The Business Office in Twamley Hall will be closed these two days.** Your assistance is appreciated. – *Wanda Sporbert, Manager, Business Office.*

Bush Teaching Scholars And Summer Professorship Applications Due

The Office of Instructional Development reminds faculty that applications for two OID-sponsored programs are coming up soon: Bush teaching scholars applications are due **Friday, Jan. 18**. Summer instructional development professorship applications are due **Friday, Feb. 1**.

Further information on both programs is available on the OID web site at www.und.edu/dept/oid.

Faculty planning to apply for either program may wish to talk over their ideas with OID Director Libby Rankin before submitting them to the appropriate committees. Feel free to call 777-4233) or e-mail her at libby_rankin@und.nodak.edu. OID has also made available several samples of past successful SIDP proposals that faculty are welcome to peruse at the OID office, 407 Twamley Hall. – *Libby Rankin, Director, Office of Instructional Development.*

UND Hosts Honor Band And Choir Festival

The music department will host the 17th annual Honor Band and Choir Festival **Friday through Sunday, Jan. 18-20**. This festival will feature 270 high school students from throughout North Dakota and Minnesota. These musicians were selected from more than 700 students who auditioned in the fall. While these students are on campus, they will participate in rehearsals and master classes, and will present concerts.

Two concerts will be open to the public. The first, at 8 p.m. **Friday, Jan. 18**, in the Chester Fritz Auditorium, will be the showcase concert of ensembles from the UND music department. The Jazz Ensemble, under the direction of Mike Blake, will perform in the lobby at 7:30 p.m. prior to the concert. Featured will be the Concert Choir and Allegro Women’s Choir, both conducted by Nolan Long; the Varsity Bards, conducted by Rebecca Raber; and the Wind Ensemble, James Popejoy, conductor. The Steel Band, also directed by Mike Blake, will perform in the lobby for a reception immediately following the concert. There is no admission charge.

On **Sunday, Jan. 20**, the Honor Band and Honor Choirs will present their concerts at 2:30 p.m. in the Chester Fritz Auditorium. Tickets for this event are \$5 for adults and \$3 for students, and are available at the door. The Mixed Honor Choir will be conducted by UND Director of Choirs Nolan Long, and Carol Burnett from North Carolina will conduct the Women's Honor Choir. James Popejoy, Director of Bands at UND, will conduct the Honor Band. The three ensembles will combine for the finale which will be a performance of the patriotic selection, "From Sea to Shining Sea."

For additional information concerning this performance, please contact me. – *James Popejoy, music department, 777-2644.*

Physician Discusses Biochemical Terrorism Jan. 22

"The Plague on Your City . . . Biochemical Terrorism" will be presented by Alexander Levitov, Internal Medicine/Critical Care, Altru Clinic, at noon **Tuesday, Jan. 22**, in the Keller Auditorium, School of Medicine and Health Sciences. The talk is part of the Medical School Dean's Hour lecture series. For additional information, contact the office of the Dean, 777-2514. – *H. David Wilson, Dean, School of Medicine and Health Sciences.*

Spring Box Lunch Discussion Series Topics Announced

The On Teaching box lunch discussion series resumes **Wednesday, Jan. 23**, with a session titled "Sending Our Seniors Off with a Bang: What Should Senior Capstone Courses Do for Students?" Leading the discussion will be Melinda Leach (anthropology), who has been researching capstone course design in conjunction with her Bush Teaching Scholars project. The session should be of interest both to faculty in departments which already offer capstone courses and to those who are considering creating such a course.

To register and reserve a free box lunch, call Jana Hollands (777-4998) by noon **Monday, Jan. 21**.

Other box lunch discussion dates and topics for this semester include:

Wednesday, Feb. 6, "Writing in Large Lecture Classes" with Joan Hawthorne (Writing Across the Curriculum/Writing Center);

Thursday, Feb. 21, "Teaching With Case Studies" with Cindy Juntunen (Counseling) and Wayne Seames (Chemical Engineering);

Tuesday, March 5, "Students Speak about Writing," with Joan Hawthorne (WAC/Writing Center) and a panel of students;

Tuesday, March 26, "Women Across the Curriculum" with Anne Kelsch and Barbara Handy-Marcello (History);

Thursday, April 18, "Writing in General Education Classes: What's Expected and Why It Matters," with Joan Hawthorne (Writing Across the Curriculum).

-- *Libby Rankin, Director, Office of Instructional Development.*

Scientist Discusses Carbon Cycling In Forests

A biology seminar is set for 3 p.m. **Friday, Jan 25**, in 141 Starcher Hall. Rebecca Phillips (Upper Midwest Aerospace Consortium) will present "Carbon Cycling in Forests Growing Under Elevated Atmospheric CO₂."

Atmospheric CO₂, one of the key greenhouse gases, is expected to reach concentrations exceeding 550 p.p.m. this century, and it is not certain how natural ecosystems will respond to this increase. Dr. Phillips addresses some salient questions around this topic in her presentation of research performed at Free-Air CO₂ enrichment experimental sites in North Carolina and Wisconsin. Replicate plots within each forest were fumigated with 560 p.p.m. CO₂ or ambient air for three years to determine how forests will respond to future concentrations of atmospheric CO₂. Carbon biogeochemistry will be discussed, with an emphasis on soil microbial community carbon cycling and methane flux at

the soil-atmosphere interface. Utilization of ^{13}C as a tracer of carbon flow through the soil food web indicates how microbial activity responded to elevated CO_2 . This presentation will give a comprehensive view of elevated CO_2 research in forest ecosystems and show how carbon cycling could change in future climates. – *Biology Department*.

Grand Forks Symphony Announces January Concert

The Greater Grand Forks Symphony Orchestra will perform its winter concert, “Masterpieces of the 20th Century” at the Empire Arts Center in downtown Grand Forks at 7:30 p.m. **Saturday, Jan. 26, and Sunday, Jan. 27, at 3 p.m.** This is the second of four concerts in the 2001-2002 “Dream Season.”

The concert features local artists Gerald Gaul on viola and clarinetist Elizabeth Rheude. Dr. Gaul has been principal violist with the Symphony for 11 years, and previously played with the Rochester Minnesota Symphony and the Florida Gulf Coast and West Coast Symphonies. He graduated with a degree in viola performance from New College in Sarasota, Fla., before deciding to pursue a medical career. He received his medical degree from Mayo Medical School in 1985 and is an ophthalmologist at the North Dakota Eye Clinic.

Elizabeth Rheude is associate professor of clarinet at UND. An active performer of new music, Rheude has premiered numerous compositions including James Fry’s “Kaleidoscope for Clarinet and Piano” and “Concerto for Clarinet and Wind Symphony,” and Timothy Koozin’s “Magic Words for Clarinet, Tape and Video Art.” Her solo and clinic appearances have taken her throughout the United States and Canada. Rheude has two CD’s, “Kaleidoscope - Music of James Fry,” and “Solos for Young Clarinetists,” and records on the Capstone label. Rheude and Gaul will perform Max Bruch’s “Concerto for Clarinet and Viola, op. 8.” An early composition of Bruch’s, the Concerto is written in the lush, full style of the Romantic Era. Bruch develops haunting melodies that are traded between the orchestra and the soloists. Also the composer of Kol Nidrei, performed at the Disaster Benefit Concert in September, Bruch is known for his traditional musical style.

The second masterwork is “The Unanswered Question” by Charles Ives. His compositional style incorporates the European and American musical traditions and Ives’ own developments in rhythm, harmony and form. This work for a smaller orchestra portrays a symbolic journey in which the trumpet repeatedly states the “Perennial Question of Existence” but receives no answer. Now recognized as the leading American composer of the early 20th century, Ives made his living as an insurance salesman and received little recognition during his life.

“Symphony No. 3, op. 52” by Scandinavian composer Jean Sibelius closes the concert. Considered a work of “modern classicism,” Symphony No. 3 returns to the roots of classical music, the triad, and generates a work of great suspense and contrast. Each movement builds on the previous music until the final resolution in the last movement which Sibelius called “the crystallization of ideas from chaos.”

Tickets may be ordered from the Greater Grand Forks Symphony Office at 777-3359. Advance ticket prices range from \$15 to \$5 with discounts available for students, children under 12, and seniors. – *Greater Grand Forks Symphony Orchestra*.

IRB Meets Feb. 1, Agenda Items Due Soon

The Institutional Review Board will meet at **3 p.m. Friday, Feb. 1**, in 305 Twamley Hall, to consider all research proposals submitted to the Office of Research and Program Development before **Tuesday, Jan. 22**. Proposals received later will be considered only if a quorum has reviewed them and time permits.

Clinical medical projects must be reviewed by the clinical medical subcommittee before being brought to the full board. Proposals for these projects are due in the Office of Research and Program Development **Tuesday, Jan. 15**. Notes from the meeting will be available in ORPD approximately one week after the meeting. – *Office of Research and Program Development*.

Third Assessment Workshop To Be Offered In February

Applications are invited now for a third Bush assessment teams workshop and consultation scheduled for **Thursday**

and Friday, Feb. 13 and 14. Workshop space is limited to between six and eight teams per year, and is open both to departments that have done some initial work on assessment and to those which are just beginning. Although plans for the workshop will depend on the number of participants, we hope to bring back consultant Dr. Philip Way of the University of Cincinnati, who led a very successful workshop for us in September. Dr. Way brings considerable experience working with assessment in the College of Arts and Sciences at UC as well as with other departments in his role as a national consultant on assessment.

Funding from the Bush Foundation enables the award of a departmental stipend which can be distributed to individual team members or used for assessment-related expenses within the department. Teams may also qualify for additional grant support for assessment activities as they show significant progress in implementing their plans.

If you have questions about the workshop, or about the application process, contact me.-- *Sara Hanhan, Associate Provost, 777-4824.*

Spring Commencements Are On Two Saturdays In May; Note Correction

General Spring Commencement will be held **Saturday, May 11, at 1:30 p.m.** in the Alerus Center, not on Sunday as in previous years. The Medical School Commencement will be held at **1:30 p.m. Saturday, May 4**, at the Chester Fritz Auditorium. Please note the correction in time. Law School Commencement will be at 10 a.m. **Saturday, May 11**, in the Chester Fritz Auditorium. – *Fred Wittmann, Vice President for Student and Outreach Office.*

ANNOUNCEMENTS

Spring Faculty Study Seminars Offered

Faculty study seminars (FSS) provide an opportunity for faculty with common interests to meet a limited number of times in a focused book discussion group, with members themselves deciding on the meeting schedule (typically four times/semester) and reading load for each meeting. Books are provided by the Office of Instructional Development. Two FSS options are currently available for spring semester:

Seminar #1: In *Thinking about Teaching and Learning: Developing Habits of Learning with First Year College and University Students*, Robert Leamson argues that faculty need to “play the hand we’re dealt,” which means accepting students as they are and finding ways to help them move forward. This book is designed to help faculty do exactly that, but Leamson’s approach, rather than pitch specific teaching strategy, is to invite readers to rethink the big questions in education: What do we believe about teaching and learning? What do we mean by “smartness” and how can we cultivate it? What is really known about how learning occurs?

Seminar #2: Bruce Speck, in the book *Grading Students’ Classroom Writing: Issues and Strategies*, invites faculty to reconsider practices and assumptions around grading. Speck challenges us with questions: What exactly do professors mean when they say they have graded a student’s writing? Can professors show that the criteria they say they use to give grades to students are indeed the criteria they do use? In this brief book, Speck summarizes what the research tells us about these questions, and about effective grading practice in general.

To participate in a FSS, call or e-mail me. -- *Joan Hawthorne, Writing Across the Curriculum Coordinator, joan_hawthorne@und.nodak.edu, or 777-6381.*

ITSS Newsletter Now Available

NewsBytes, the Information Technology Systems and Services (formerly known as the Computer Center) newsletter, January 2002 issue is now available. The January articles include:

- campus network plan
- campus network update

- CICS and/or Juggler users
- e-mail at UND
- ITSS (aka Computer Center)
- no-charge printing for spring 2002
- U-Web: student web server
- what's new for viruses in 2002? Only time will tell!
- to XP or not To XP, Microsoft that is
- introducing new member of staff: Gordon Christensen
- introducing new member of staff: Harry Duchscherer
- one of our finest: Elmer Morlock

Please check the Information Technology Systems and Services (formerly known as the Computer Center) home page, click on the black documentation button, and then the NewsBytes - UND Information Technology Systems and Services newsletter, January 2002 issue, or go directly to the URL: <http://www.und.nodak.edu/dept/itss/news/jan02/jan02.html>.

If you are interested in receiving an electronic notice when a new edition of NewsBytes is published, please subscribe to the list by sending e-mail to LISTSERV@LISTSERV.NODAK.EDU with the command in the body of the mail on just one line stating: SUBSCRIBE UND-NewsBytes yourfirstname yourlastname. You may also e-mail Rose_Keeley@mail.und.nodak.edu and request your name be added to the list.

If you have any questions, comments, or suggestions, please feel free to drop a note to the above e-mail address. The UND-NewsBytes list is not intended for conversations or exchanges of ideas; it was created specifically for the purpose of notifying interested parties when a new issue of News Bytes is available. It may also be used to notify you of an urgent late breaking news announcement from the Information Technology Systems and Services. We hope you join the list and enjoy the articles in NewsBytes. – *Rose Keeley, Information Technology Systems and Services.*

SPSS Computer Program No Longer Available

Since we have reached the limit of our contract for selling SPSS, we can no longer sell or install the program. A contract is being negotiated, but until further notice SPSS is not available through the site license volume-purchasing program. – *Elmer Morlock, Site License Manager, Information Technology Systems and Services.*

All University Web Sites Must Comply With Standards

Web pages represent the University of North Dakota, and must adhere to standards to ensure accessibility and consistency. It is important that UND project a clear and recognizable image, especially since the Internet is often the first point of contact for a prospective student or visitor. In fact, the UND home page receives an average of 8,000 visitors each day, and the entire und.edu web site (this includes all departments, organizations and faculty on the UND server) receives about 8 million hits each month. The following standards were developed at the directive of President Kupchella and approved by the President's Cabinet in March 2001. This policy applies to home pages and servers affiliated with the University.

For independent servers (Aerospace, Law, Medicine, Operations, EERC, etc.):

- The first three layers of every site on every server will have, at the top: "University of North Dakota" wordmark as provided by University Relations at <http://www.und.edu/newtop.html>, which will link to the main UND web site at <http://www.und.edu>. We recommend noting the date the site was last updated as well as contact information on the front page.

For sites on the main UND server (www.und.edu):

Requirements:

- The standard top, newtop.jpg, must appear at the top of every title page. (Note: Faculty home pages are exempt from this standard.)
- Information must not violate any federal, state or University statutes.
- The name of the department or unit may appear below the UND mark.
- Use white, green, or black on wordmark, seal and logo.
- Comply with copyright laws and the standards of the University.
- All pages must have name and contact information, including telephone number and e-mail address.
- All pages must have a link to the main UND site (und.edu).
- All pages must list the date they were last checked or updated and must be updated each semester.
- All pages must comply with ADA requirements for accessibility.
- “Under Construction” signs are not allowed on UNInfo. Do not load pages until they are complete, or nearly so.
- University Relations provides counting and logging services. Counters are not allowed on the main UND server, since they consume too many resources. To request logging services, contact Jan Orvik at 777-3621, or jan_orvik@mail.und.nodak.edu .

Recommendations:

- Try to use the same web address when you replace old pages. This helps prevent deadlinks and aids those who link to your site.
- Include a “return to” for the main departmental or unit page on subsequent pages.
- Keep navigation tools consistent and in the same place on each page.
- Do not use frames for departmental pages unless it is required for the application. Frames make it difficult for users to bookmark and print your pages, and tend to interfere with search engines.
- Limit use of background patterns. They make the page hard to read and can interfere with accessibility for people with disabilities.
- Use ALT tags to label graphics and aid people with disabilities.
- Use width and height tags for graphics. This aids people with disabilities and allows the page to load faster, since the browser can build the page without waiting for the graphic to load.
- Keep pages consistent.
- Use buttons and HTML rather than image maps. Image maps load slowly and are difficult to change and update.
- Use meta tags to help search engines find your site.

University Relations offers training and assistance for departments and individuals on University-affiliated web sites, and we can help you install the required banner on your front page. If you're interested in building a Web site for your University-affiliated department or organization, please contact us. There is no charge for this service. We can also help you delete old files and directories so they won't appear on searches. To request aid, call 777-3621, or e-mail jan_orvik@mail.und.nodak.edu. – *Jan Orvik, Web Manager, University Relations.*

Upcoming U2 Workshops Announced

Following are workshops offered through the University Within the University (U2) program:

INFORMATION TECHNOLOGY SYSTEMS AND SERVICES

Information Technology Systems and Services classes are held in 361 Upson II, and require a working knowledge of Windows or a Windows class. Enrollment is limited to 12 in most cases. A \$10 manual is optional for Access (Levels II and III), Excel, Power Point, Windows, and all Word and WordPerfect classes. The cost for an Access Level I manual is \$16. Instructors: Tracy Uhlir, GroupWise; Rose Keeley, TSO and PageCenter; Doris Bornhoeft, E-mail, HTML, and Netscape; Jim Malins, all other classes.

Exploring the Web Using Netscape: Jan. 22, 9 to 10:30 a.m. Use Netscape to navigate, search, and set bookmarks on the World Wide Web.

WordPerfect 9, Level II: Jan. 22 and 24, 1 to 4:30 p.m. (seven hours total). Learn advanced editing tools, work with columns, tables, and bullets; create mail merge documents, labels, and envelopes; create footnotes, indexes and table of contents.

Excel 00, Level I: Jan. 23-25, 9 to 11:45 a.m. (eight hours total). Create and format worksheets, create formulas, use functions, Autosum, Autofill, format to print, create charts and maps.

SAFETY AND ENVIRONMENTAL HEALTH

Defensive Driving: Jan. 23, 12:30 to 4:30 p.m., 211 Rural Technology Center. This workshop is required by State Fleet for all UND employees who drive State Fleet vehicles on a regular (monthly) basis, received a traffic violation, or had an accident while operating a State Fleet vehicle. Employees are encouraged to bring a family member. This workshop may also reduce your North Dakota insurance premiums and could possibly take away points from your driving record. Instructor: Jason Uhlir.

CONFLICT RESOLUTION CENTER

Emotional Intelligence: Why It's Important to your Professional and Personal Life: Jan. 24, 12:30 to 4:30 p.m., 211 Rural Technology Center. Fee: \$40 (compare to off-campus cost of \$197). Emotional intelligence (E.Q.) has been researched for years but only recently has reached a level that has practical application. The author of the two latest books, Daniel Goleman, makes a case why I.Q. is not enough to succeed in all areas of our lives. Learn what it's all about and how to increase your "E.Q." Presenters: Dan Bjerkness and Thomas Fuchs.

HOW TO REGISTER: Registering for U2 workshops is easy! Contact Amy Noeldner at the University Within the University office by phone, 777-2128, fax, 777-2140, e-mail, U2@mail.und.nodak.edu, or mail, Box 7131. To register online, go to www.conted.und.edu/U2. Please provide the following information when you register: your name, department, box number, phone number, Social Security number (for accurate record keeping), and e-mail address, the title and date of the event, and the method of payment (ID billing, personal check, or credit card number and expiration date) if the event has a fee. – *University Within the University Program.*

Items For Sale To Public On Bids

The University is offering for sale to the public on a sealed high-bid basis the following items: older computer equipment and several other miscellaneous items. These may be seen at the Central Receiving warehouse on the southwest corner of the campus. Bids will be taken between 8 a.m. and 3 p.m. **Monday through Thursday, Jan. 7-10.** – *Lee Sundby, Central Receiving.*

Martin Luther King Day, Jan. 21, Is Holiday

In accordance with State Board of Higher Education directives, Monday, Jan. 21, will be observed as Martin Luther King Day by faculty and staff members of the University. Only those employees designated by their department heads will be required to work on this holiday. – *John Ettling, Vice President for Academic Affairs and Provost, and Diane Nelson, Director, Personnel Services.*

Chester Fritz Library Lists Hours

Martin Luther King weekend hours for the Chester Fritz Library are: Saturday, Jan. 19, 10 a.m. to 6 p.m.; Sunday, Jan. 20, closed; Monday, Jan. 21 (Martin Luther King Day), 1 p.m. to midnight. – *Karen Cloud, Chester Fritz Library.*

Holiday Hours Listed For Memorial Union

Memorial Union operating hours for the Martin Luther King Jr. weekend, Jan. 18-21, are:

Lifetime Sports Center: Friday, Jan. 18, 9 a.m. to 6 p.m.; Saturday and Sunday, Jan. 19-20, closed; Monday, Jan. 21, 3 p.m. to 11 p.m.

Info/Service Center: Friday, Jan. 18, 8 a.m. to 5 p.m.; Saturday through Monday, Jan. 19-21, closed.

Copy Stop: Friday, Jan. 18, 9 a.m. to 5 p.m.; Saturday through Monday, Jan. 19-21, closed.

U-Turn C-Store: Friday, Jan. 18, 7 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Subway and TCBY/Juice Works: Friday, Jan. 18, 7 a.m. to 5 p.m.; Saturday through Monday, Jan. 19-21, closed.

Little Caesars: Friday, Jan. 18, 10 a.m. to 5 p.m.; Saturday through Monday, Jan. 19-21, closed.

Administrative office: 8 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Craft Center/Sign and Design: Friday, Jan. 18, 9 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Student Academic Services: Friday, Jan. 18, 8 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Dining Center: Friday, Jan. 18, 7 a.m. to 4 p.m.; Saturday through Monday, Jan. 19-21, closed.

Barber Shop: Friday, Jan. 18, 8:30 a.m. to 5:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

University Learning Center: Friday, Jan. 18, 8 a.m. to 3 p.m.; Saturday through Monday, Jan. 19-21, closed.

Credit Union: Friday, Jan. 18, 9 a.m. to 6 p.m.; Saturday through Monday, Jan. 19-21, closed.

Traffic Division: Friday, Jan. 18, 8 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Passport I.D.s: Friday, Jan. 18, 8 a.m. to 4:30 p.m.; Saturday through Monday, Jan. 19-21, closed.

Computer Lab: Friday, Jan. 18, 7:30 a.m. to 5:45 p.m.; Saturday and Sunday, Jan. 19-20, closed; Monday, Jan. 21, 3 p.m. to 2:45 a.m.

Building Hours: Friday, Jan. 18, 7 a.m. to 6:15 p.m.; Saturday and Sunday, Jan. 19-20, closed; Monday, Jan. 21, 3 p.m. to 3 a.m.

Normal operating hours resume Tuesday, Jan. 22. Late night access in the lower level resumes Monday, Jan. 21. – *Marsha Nelson, Memorial Union.*

TECHNOLOGY FOCUS

Geology, ASN Work To Create Geoscience Digital Image Library

“Whenever I see something, I think about how I would teach it,” says Joe Hartman, associate professor of geology and geological engineering. Combine that with the philosophy of “Do one thing, and do it right,” espoused by Dexter Perkins, professor of geology and geological engineering, and the technical expertise of the Aerospace Science Network, and the result is an innovative online digital photo library called GeoDIL.

GeoDIL, short for Geoscience Digital Image Library, contains more than 1,800 high-quality earth science photographs of rocks, minerals, and other geological features from around the world, with the number growing every day. It is intended as a teaching aid for earth science educators teaching in kindergarten to college-level. Teachers, especially those who don’t have the opportunity to take their own photos or travel to sites, can use the images to augment their lectures.

The project, funded by the National Science Foundation, is the brainchild of Perkins, who, like most geology professors, has always shot and collected photos to use in teaching, lectures and research. Photos and slides are tough to organize, he said. The advent of PowerPoint, a computer presentation program, enabled him to begin importing slides and organizing them digitally. After seeing a site at the University of British Columbia, he knew he wanted to use ever-improving technology to develop an educational web site. He and Hartman began working together in collaboration with the Henry Borycewicz of the AeroSpace Network, which would do the technical programming. They submitted the project through EERC’s Red River Education Pilot Project, and were funded by the NSF and the University for \$250,000.

With the programming and technical expertise of Joe Stevens and Dan Herring of ASN, building the program and database began in spring of 2001, and took some 650 hours. A small cadre of students digitize and load photos for the project. Eventually, because the NSF cannot fund the project for a long term, they will need to seek sponsors or a market for the service.

What makes the project unique, say Hartman and Perkins, is its ease of use and scientific integrity. It’s fine to have photos of interesting landforms and rocks, they say, but those images aren’t useful to educators and researchers without background data, such as date and location, and other information. Users can select photos using an extensive search by caption, location, photographer, and more, then choose photos for their own electronic slide “carousel.” All photos are in a database, and users are encouraged to submit their photos and help “grow” the collection. The collection is in its infant years, and the developers plan to continuously add to the collection.

Feedback has been positive, say the developers, who showcased GeoDIL at the Geological Society of America annual meeting in Boston. In fact, GeoDIL could impact how geoscientists and earth science teachers prepare their lectures for students.

The web site is available at <http://www.geodil.com>.

Editor’s note: This is the first in a series of articles featuring innovative uses of technology. If you have suggestions for future stories, please contact me at 777-3621 or jan_orvik@mail.und.nodak.edu. – *Jan Orvik, Editor, University Letter.*

IN REMEMBRANCE

Remembering Margaret Swanson

Margaret Swanson, retired housing secretary, died Friday, Dec. 28, in Altru Hospital. She was 74.

Margaret Grace Bruggeman was born Jan. 1, 1927, in Brooks, Minn., to John and Anna (Cote) Bruggeman. She grew up in Plummer, Minn., and graduated from high school in Mentor. She graduated from the Minnesota School of Business in 1945.

She began working for the UND housing office as a secretary from 1945 to 1951, when she moved to Seattle, where she worked for the Naval regional accounts office until 1953. She worked at General Mills in Minneapolis from 1953 to 1954. She married Loren F. Swanson Oct. 18, 1954, in the St. Thomas Aquinas Newman Center in Grand Forks. He served at UND as supervisor of veterans housing, housing director, assistant superintendent of buildings and grounds, and director of auxiliary services. He was named vice president for operations in 1971, a position he held until his death in 1979. She returned to the UND housing office in 1979 and worked there until her retirement in 1991.

She is survived by daughters Ann Swanson, Bottineau; Joan (Larry) Fladhammer, Maple Lake, Mentor, Minn.; Lori Swanson, Grand Forks; Janet (Gregg) Fossell, Lexington, S.C.; a son, Steve (Kristi) Swanson, Maple Lake; brothers, Kenneth Bruggeman, Crookston, Minn.; John Bruggeman, Erskine, Minn.; a sister, Lorette Bruggeman, Crookston; and eight grandchildren. She was preceded in death by her husband, Loren, and her parents.

“Margaret was well-respected over several decades by UND’s housing staff and student employees,” says Judy Sargent, director of residence services. “She was genuine in her dealings with parents and students who sought information and accommodations through our office. She knew the campus community inside and out, allowing her to add a personal touch to each inquiry or referral. People felt her strength and calming influence in a variety of ways. I have often heard how Margaret helped staff acclimate to the campus community, learn the duties of their jobs, or how she supported them through difficult transitions. Perhaps of even greater impact were her contributions to the sense of community that is uniquely UND’s. As the spouse and right hand of Loren Swanson, UND’s vice president for operations, she was very appreciative of the contributions of all the UND staff and made an effort to know people at all levels by name. She had a unique perspective that promoted teamwork, loyalty and mentoring. The University and its housing staff have lost a great friend and a caring colleague.”

“One of the kindest, most thoughtful people I’ve ever known, Margaret was always willing to help,” says Suzy Belyea, assistant director of housing. “Her supportive manner had a calming effect on students as well as staff. A quiet mentor, I doubt that she realized how many lives she impacted. Her positive nature and her ability to see the best in people and situations will be missed.”

“Margaret was always very helpful,” says Renee Hauschulz, administrative secretary for housing. “If she didn’t know the answer, she knew where to direct you. She was a very caring individual who always had a great deal of concern for her co-workers and, most importantly, her family, of whom she spoke a great deal. She will be missed.”

Memorials are preferred to St. Thomas Aquinas Newman Center, Box 7034, UND, Grand Forks, N.D., 58202.

GRANTS AND RESEARCH

FIDC Grants Awarded

The following faculty members were awarded Faculty Instructional Development Committee (FIDC) grants in December:

Ty Reese (History), “Images of Modern Africa,” \$449.85; **Nelda Schrupp** (Art), “Native American Art Instructional Materials”, \$742.79; **S. Amebu Seddoh** (Communication Sciences and Disorders), “Instructional Materials for CSD 422 and related courses,” \$500; **Paul Todhunter** (Geography), “Instructional Supplies for Geography,” \$700; **Tom**

Steen (PEXS), “Central District Association American Alliance for Physical Education, Recreation and Dance Convention,” \$750.

FIDC grant proposals may be used to purchase instructional materials, travel to teaching-related conferences, or for other projects related to teaching. To submit a proposal, call the Office of Instructional Development (OID) for guidelines and materials or find the necessary information on the OID web site (listed under “Academics” on the UND home page at www.und.edu).

Proposals may be submitted at any time during the academic year and are reviewed on a monthly basis by the Faculty Instructional Development Committee. Next deadline is Tuesday, Jan. 15.

Instructional or professional development projects that fall outside FIDC guidelines may qualify for funding through OID’s flexible grant program.

For further information, or to discuss ideas and drafts before submitting a final proposal, contact me. -- *Libby Rankin, Director, Office of Instructional Development, 777-3325, libby_rankin@und.nodak.edu*.

All Research Involving Human Subjects Must Be Approved By IRB

All persons affiliated with the University who wish to conduct research involving human subjects on or off campus must first receive approval of the Institutional Review Board (IRB). This includes use of, for example, educational tests; survey/interview procedures; observation of public behavior; study of existing data, records or specimens; taste/food quality evaluation; as well as clinical studies involving drugs, medical devices, collection of blood samples, etc. **The establishment of the IRB at institutions like UND has been mandated by the federal government to protect human subjects.**

Conducting human subjects research without IRB approval is unethical and contrary to the policies of UND and the Board of Higher Education. Failure to comply with IRB policies and procedures may result in project termination, interruption of research support, and, in some cases, a report to the federal agency funding the non-compliant research project. Therefore, we encourage you to protect yourselves by submitting your project to the IRB for review before the research begins.

This process is initiated by submitting a research protocol to the IRB. Forms are available in the Office of Research and Program Development (ORPD) in 105 Twamley Hall or on ORPD’s home page at <http://www.und.edu/dept/orpd>.

There are three categories used in the review of research protocols. Most proposals will fall in the “exempt” or “expedited” categories and can, therefore, be reviewed by one member of the board. Approximately 14 days are required for the review of projects that fall in these categories. However, the individual reviewer may request additional information or refer the protocol to the full board. In either case, the review may take longer.

“Full board” review is required for projects with a physical risk or potential for injury or harm to the subject’s dignity or well being. This also includes projects which involve minors in survey or interview procedures, or in observation of public behavior when the observers participate in the activities observed. The full board meets on a monthly basis. The schedule of meeting and deadline dates for the coming semester follows.

If full board review is required and the protocol involves clinical subjects, the clinical medical subcommittee must also review the protocol and provide a recommendation to the IRB. This typically requires one additional week for the review process.

Recent regulations have specified that an educational program must be provided to investigators by institutions operating under the federal regulations governing human subjects research. The UND IRB has elected to use an internet-based set of modules sponsored by The Collaborative IRB Training Initiative (CITI) and the University of Miami. The CITI course consists of a group of modules encompassing the history of the IRB system, the regulations governing human subjects research, and topics specific to areas of particular importance, controversy or complexity. Each module has a quiz associated with it.

The UND IRB determined that a core curriculum of modules 1 - 5, 7 and 11 must be taken by all investigators. Additional modules will be required when a research project covers topics within areas not included in the core curriculum. Registration for the modules is accessible at the URL www.miami.edu/citireg. Those registering for the course will receive a password by e-mail, generally within 24 hours. Specific UND requirements are listed on the UND institutional page available on the course site.

The IRB coordinator and IRB members are available to make presentations to faculty/students/staff regarding IRB policies, procedures, etc. Also, ORPD has several videos and books which may be checked out by faculty members. If you are interested in either of these options, contact Renee Carlson at 777-4279, or renee_carlson@mail.und.nodak.edu.

UNIVERSITY OF NORTH DAKOTA

INSTITUTIONAL REVIEW BOARD

MEETING AND DEADLINE DATES: JANUARY - MAY 2002

Meeting Date	Deadline: Proposals Requiring Full Board Review	Deadline: Clinical Proposals (Require Subcommittee & Full Board Review)
Fri., Jan. 4, 2002	Wed., Dec. 26, 2002	Tues., Dec. 18, 2002
Fri., Feb. 1, 2002	Tues., Jan. 22, 2002	Tues., Jan. 15, 2002
Fri., March 1, 2002	Tues., Feb. 19, 2002	Tues., Feb. 12, 2002
Fri., April 5, 2002	Tues., March 26, 2002	Tues., March 19, 2002
Fri., May 3, 2002	Tues., April 23, 2002	Tues., April 16, 2002

NOTE: All meetings will be held at 3 p.m. in 305 Twanley Hall. Alterations in location, date, or time will be announced in the University Letter prior to the meeting. – *Peg Mohr (Physical Therapy), Chair, Institutional Review Board.*

Research, Grant Opportunities Listed

Following are research and grant opportunities. For additional information, contact the Office of Research and Program Development at 777-4278 or shirley_griffin@mail.und.nodak.edu.

AMERICAN COLLEGE OF LABORATORY ANIMAL MEDICINE FOUNDATION (ACLAM FOUNDATION)

Laboratory Animal Science and Medical Grants (research to expand knowledge in the fields of laboratory animal science and medicine). **Deadline:** 2/5/02. **Contact:** Martin Morin; morinasc@hpiug.org; <http://www.aclam.org/rfp.html>

AMERICAN COUNCIL OF LEARNED SOCIETIES (ACLS)

East European Language Training Grants (support instruction in Albanian, Bulgarian, Czech, Hungarian, Macedonian, Polish, Romanian, Serbo-Croatian, Slovak, or Slovene through summer programs located in the United States).

Deadline: 2/15/02. **Contact:** Office of Fellowships and Grants; 212-697-1505; grants@acls.org; <http://www.acls.org/eeguide.htm>

East European Language Training Grants: Individual (intended for those who will use East European languages in academic research or teaching). **Deadline and Contact:** See Above.

AMERICAN HISTORICAL ASSOCIATION

Littleton-Griswold Research Grant (support for research in U.S. legal history and in the general field of law and society). **Deadline:** 2/1/02. **Contact:** Debbie Doyle; aha@theaha.org; http://www.theaha.org/prizes/1-g_grant.htm

AMERICAN LIBRARY ASSOCIATION (ALA)

Jesse H. Shera Award for Distinguished Published Research and Excellence in Doctoral Research (encourage excellence in library research). **Deadline:** 2/15/02. **Contact:** David Carr; carr@ils.unc.edu; <http://www.ala.org/alaorg/ors/shera1.html>

ASSOCIATION OF AVIAN VETERINARIANS

Conservation Grants (conservation needs of wild avian populations, and projects related to issues of avian habitat preservation, education, and research). **Deadline:** 1/18/02. **Contact:** Adina Rae Freedman; AAVCTRLOFC@aav.org; <http://www.aav.org/Conservation.htm>

AMERICAN SOCIETY OF CIVIL ENGINEERS

Trent R. Dames and William W. Moore Fellowship (provides for exploration of new applications of geotechnical engineering or earth sciences to social, economic, environmental and political issues). **Deadline:** 2/9/02. **Contact:** student@asce.org; <http://www.asce.org/about/trentdames.cfm>

CENTER FOR INTERNATIONAL SECURITY AND COOPERATION (CISAC)

Science Policy and Security Fellowships (research in areas relating to international security). **Deadline:** 2/15/02. **Contact:** Barbara Platt; barbara.platt@stanford.edu; <http://cisac.stanford.edu/fellow/science.html>

COMPTON FOUNDATION, INC.

Grants Program (community, national and international concerns in the fields of Peace and World Order, Population, and the Environment). **Deadlines:** 2/15/02, 9/15/02. **Contact:** info@ComptonFoundation.org; <http://www.comptonfoundation.org/priorities.html>; <http://www.comptonfoundation.org/application.htm>

DEPARTMENT OF THE ARMY

Strategic Environmental Research and Development Program - Seed Program (research focusing on areas of Cleanup, Compliance, Conservation and Pollution Prevention technologies under the SERDP Exploratory Development). **Deadline:** 2/7/02. **Contact:** Alandra Jones; alandra.r.jones@usace.army.mil; <http://acquisition.army.mil>

DEPARTMENT OF ENERGY

Black Liquor/Biomass Gasification Technology Support Research and Development (research and development activities in support of gasification technologies which will enhance U.S. forest products industry). **Deadline:** 2/15/02. **Contact:** Deborah J. Boggs; dboggs@netl.doe.gov; <http://e-center.doe.gov>

Plasma Physics Junior Faculty Development Program. **Deadline:** 2/12/02. **Contact:** Ronald McKnight; ronald.mcknight@science.doe.gov; <http://www.science.doe.gov/production/grants/grants.html>

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION (NTIA)

Public Telecommunications Facilities Program. **Deadline:** 2/5/02. **Contact:** William Cooperman; wcooperman@ntia.doc.gov; <http://www.ntia.doc.gov/ptfp>; http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-28906-filed

GERMAN INTERNSHIP PROGRAMS

Emigre Memorial German Internships Program (Deutscher Bundestag, Berlin, Landtage). **Deadline:** 2/11/02. **Contact:** gkr@hopper.unh.edu

EDUCATIONAL TESTING SERVICE (ETS)

Summer Program in Research for Graduate Students (research in: statistics; psychometrics; psychology; teaching; learning; psycholinguistics; computational linguistics; minority issues; computer science; educational technology; policy research; literacy; or testing issues, including alternate forms of assessment for special populations and other new forms of assessment). **Deadline:** 2/15/02. **Contact:** Linda J. Delauro; ldelauro@ets.org; <http://www.ets.org/research/fellowship.html>

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION (ORISE)

Fusion Energy Postdoctoral Research Program (fusion energy research and development programs at participating Department of Energy [DOE] Office of Fusion Energy Sciences-supported laboratories and contractor sites). **Deadline:** 2/1/02. **Contact:** Linda McCamant; mccamanl@orau.gov; <http://www.orau.gov/orise/edu/postgrad/feupgr.htm>

UNIVERSITY OF DELAWARE

Hagley Program--Fellowships in the History of Technology and Industrialization. **Deadline:** 1/30/02. **Contact:** <http://www.udel.edu/hist/hagley.html>

HONG KONG BAPTIST UNIVERSITY

Fellowship Program (to enhance research and teaching within the Institution and foster research collaboration among local and overseas scholars). **Deadline:** 1/15/02. **Contact:** Christine Yip; pdo@hkbu.edu.hk

HUYCK (EDMUND NILES) PRESERVE

Huyck Preserve Graduate and Postgraduate Research Grants (research in basic and applied ecology, conservation biology, taxonomy, animal behavior, evolution, geology, land use history, and other areas of natural history). **Deadline:** 2/1/02. **Contact:** Richard L. Wyman; rlwyman@capital.net; www.huyckpreserve.org/ggl.htm

INSTITUTE FOR HUMANE STUDIES (IHS)

Summer Graduate Research Fellowships (research in the classical liberal tradition). **Deadline:** 2/15/02. **Contact:** IHS@gmu.edu; <http://www.theihs.org/tab1/soverview.html>

KAPPA OMICRON NU

National Alumni Chapter Grant & New Initiatives Grant (research and development in family and consumer sciences or any of the related specializations). **Deadline:** 2/15/02. **Contact:** Awards Committee; <http://www.kon.org/grants.html>

LEUKEMIA RESEARCH FOUNDATION

Postdoctoral Fellowships (in any area related to leukemia). **Deadline:** 2/15/02. **Contact:** Hollis Brownstein; hollis_lrf@ameritech.net; <http://www.leukemia-research.org/phd/application.asp#post>

NATIONAL ASTRONOMY AND IONOSPHERE CENTER (NAIC)

Visitng Research Assistantships (at NAIC facilities in Puerto Rico in fields of radar, radio astronomy, and atmospheric science). **Deadline:** 2/15/02. **Contact:** Jill Morrison; morrison@astrosun.astro.cornell.edu; <http://www.naic.edu/about/summer/summer.htm>

NATIONAL COUNCIL FOR EURASIAN AND EAST EUROPEAN RESEARCH (NCEEER)

National Research Competition--Research Contracts & Grants (research on social, political, economic, environmental, and historical development of Eurasia and Eastern Europe). **Deadline:** 2/15/02. **Contact:** nceerdc@aol.com; <http://www.nceer.org/Programs/conguide.pdf>; <http://www.nceer.org/Programs/grantguide.pdf>

NATIONAL CANCER INSTITUTE (NCI)

Developmental/Pilot Projects in Cancer Complementary and Alternative Medicine (CAM). **Deadlines:** 1/16/02, 5/17/02, 9/16/02 (Letter of Intent); 2/20/02, 6/21/02, 10/21/02 (Application). **Contact:** Wendy B. Smith; smithwe@mail.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-02-040.html>

Cooperative Planning Grant for Cancer Disparities Research Partnership. **Deadlines:** 2/6/02 (Letter of Intent), 3/13/02 (Application). **Contact:** Frank Govern; governfr@mail.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/rfa-ca-02-002.html>

Early Clinical Trials of New Anti-Cancer Agents with Phase 1 Emphasis. **Deadlines:** 2/14/02 (Letter of Intent), 3/21/02 (Application). **Contact:** Louise B. Grochow; grochowl@ctep.nci.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-02-011.html>

NATIONAL EYE INSTITUTE (NEI)

Small Grants for Pilot Research (research particularly innovative and/or potentially of high impact to vision research). **Deadlines:** Standard NIH. **Contact:** Richard S. Fisher; rf75s@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-01-007.html>

NATIONAL INSTITUTE ON AGING (NIA)

Midcareer Investigator Award in Patient-Oriented Research (K24). **Deadlines:** 2/1/02, 6/1/02, 10/1/02. **Contact:** Robin A. Barr; rb42h@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-005.html>

NATIONAL INSTITUTE ON AGING (NIA), NATIONAL INSTITUTE ON NURSING RESEARCH (NINR), AND THE NATIONAL CENTER FOR MINORITY HEALTH AND HEALTH DISPARITIES (NCMHD)

Resource Centers and Coordinating Center for Minority Aging Research. **Deadlines:** 1/30/02 (Letter of Intent), 2/26/02 (Application). **Contact:** Sidney M. Stahl; ss333h@NIH.GOV; <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-02-004.html>

NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS (NIDCD)

Otitis Media: New Approaches for Analysis, Treatment, and Prevention. **Deadlines:** 2/18/02, 9/25/02 (Letters of Intent); 3/18/02, 10/25/02 (Applications). **Contact:** Thomas M. Johnson; tj65y@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-02-002.html>

NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDK)

Innovative Partnerships in Type 1 Diabetes Research. **Deadlines:** 2/14/02 (Letter of Intent), 3/14/02 (Application). **Contact:** James F. Hyde; jh486z@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-023.html>

Diabetes Endocrinology Research Centers (research on diabetes mellitus and its complications, and related areas of endocrinology and metabolism). **Deadlines:** 2/19/02 (Letter of Intent), 3/19/02 (Application). **Contact:** Judith Fradkin; jf58s@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-005.html>

Bench to Bedside Research on Type 1 Diabetes and its Complications. **Deadlines:** 2/14/02 (Letter of Intent), 3/14/02 (Application). **Contact:** James F. Hyde; jh486z@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-022.html>

Preclinical Toxicity of Iron Chelators. **Deadline:** 2/8/02. **Contact:** Robert T. Coonley; coonleyr@extra.niddk.nih.gov;

<http://grants.nih.gov/grants/guide/notice-files/NOT-DK-01-017.html>

Imaging Early Markers of Diabetes Macrovascular Complications in Peripheral Tissue. **Deadlines:** 2/15/02 (Letter of Intent), 3/15/02 (Application). **Contact:** Maren R. Laughlin; ml33q@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-001.html>

Hematopoietic Cell Lineage Genome Anatomy Projects. **Deadlines:** See Above. **Contact:** David G. Badman; db70f@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-018.html>

Progenitor Cell Genome Anatomy Projects (research in discovery of processes necessary for development of tissue specific cells and organs from stem cells and by which progenitor cells maintain and regenerate tissues and organs in health and disease). **Deadlines:** See Above. **Contact:** Rebekah S. Rasooly; rr185i@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-027.html>

FOGARTY INTERNATIONAL CENTER (FIC)

International Research Scientist Development Award (IRSDA) (research in developing countries). **Deadline:** 2/13/02. **Contact:** Kathleen Michels; IRSDA@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-02-041.html>

NATIONAL INSTITUTES OF HEALTH (NIH)

Pathophysiology and Treatment of Chronic Fatigue Syndrome (CFS). **Deadlines:** Standard NIH. **Contact:** Eleanor Hanna; HannaE@od.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-02-034.html>

Specialized Centers of Research on Sex and Gender Factors Affecting Women's Health. **Deadlines:** 2/14/02 (Letter of Intent), 3/14/02 (Application). **Contact:** Julia B. Freeman; Julia_B_Freeman@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-02-002.html>

Environmental Approaches to the Prevention of Obesity. **Deadlines:** See Above. **Contact:** Robert Kuczmarski; rk191r@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-02-021.html>

Building Interdisciplinary Research Careers in Women's Health (to promote performance of research and transfer of findings relevant to women's health, including sex/gender similarities or differences in biology, health or disease). **Deadlines:** See Above. **Contact:** Estella Parrott; ep61h@nih.gov; <http://www.niams.nih.gov/rtac/funding/grants/rfa/od02-001.htm>

NATIONAL SCIENCE FOUNDATION (NSF)

Computer Science, Engineering, and Mathematics Scholarships. **Deadline:** 2/13/02. **Contact:** Dennis Davenport; ddavenpo@nsf.gov; <http://www.nsf.gov/cgi-bin/getpub?nsf02006>

Infrastructure and Information Systems Program (to develop new science bases for development and deployment of advanced information systems and technologies required to sustain the nation's infrastructure). **Deadlines:** 2/7/02, 10/7/02. **Contact:** Miriam Heller; mheller@nsf.gov; http://www.eng.nsf.gov/cms/About_CMS/IIS/iis.htm

Structural Systems and Engineering (emphasizes new discoveries in design, construction, repair, rehabilitation, upgrading and maintenance of structural materials and systems). **Deadline:** See Above. **Contact:** http://www.eng.nsf.gov/cms/About_CMS/SSE/sse.htm

Division of Ocean Sciences--Biological Oceanography. **Deadlines:** 2/15/02, 8/15/02. **Contact:** Phil Taylor; prtaylor@nsf.gov; <http://www.geo.nsf.gov/cgi-bin/showprog.pl?id=35&div=oce>
 RIDGE Postdoctoral Fellowship Program (studies of mid-ocean ridge processes that cross traditional disciplinary boundaries of physics, chemistry, biology, and geology). **Deadlines:** See Above. **Contact:** David Epp; depp@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02011/nsf02011.html>

Global Change--Climate Variability and Predictability. **Deadlines:** See Above. **Contact:** Eric Itsweire;

eitsweir@nsf.gov; http://www.nsf.gov/geo/egch/gc_clivar.html

Pan-American Advanced Studies Institutes Program. **Deadline:** 2/15/02. **Contact:** Eduardo Feller; efeller@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf0148/nsf0148.htm>

Geotechnical and GeoHazards Systems (GHS) (research related to Geomechanics and Geotechnical Systems (GGS) and Geoenvironmental Engineering and GeoHazards Mitigation (GEH)). **Deadlines:** 2/7/02, 10/7/02. **Contact:** Clifford Astill; castill@nsf.gov; <http://www.eng.nsf.gov/cms/GHS/ghs.htm>

Ocean Sciences--Ocean Drilling Program (ODP). **Deadlines:** 2/15/02, 8/15/02. **Contact:** Bruce Malfait; bmalfait@nsf.gov; <http://www.geo.nsf.gov/cgi-bin/showprog.pl?id=41&div=oce>

OFFICE OF EDUCATIONAL RESEARCH AND IMPROVEMENT

Cognition and Student Learning Research Grant Program. **Deadlines:** 2/5/02 (Letter of Intent), 4/15/02 (Application). **Contact:** Valerie Reyna; Valerie.Reyna@ed.gov; <http://frwebgate1.access.gpo.gov/cgi-bin/waisgate.cgi?WAIIDocID=0727956646+0+0+0&WAIAction=retrieve>

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)

Environmental Justice: Partnerships to Address Ethical Challenges in Environmental Health. **Deadlines:** 2/22/02 (Letter of Intent), 3/25/02 (Application). **Contact:** Shobha Srinivasan; sriniva2@niehs.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-02-005>

Collaborative Centers for Parkinson's Disease Environmental Research. **Deadlines:** 2/14/02 (Letter of Intent), 3/14/02 (Application). **Contact:** Cindy P. Lawler; lawler@niehs.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-02-003.html>

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT (NICHD) AND FOGARTY INTERNATIONAL CENTER (FIC)

Global Network for Women's and Children's Health Research (research answers to scientific and/or public health questions to help improve health, and prevent premature disease and death among women and children, primarily in developing countries). **Deadlines:** 2/11/02 (Letter of Intent), 3/18/02 (Application). **Contact:** Susan Meikle; meikles@mail.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-01-024.html>

Mouse Phenotyping: Developmental and Fertility Defects. **Deadlines:** 2/11/02 (Letter of Intent), 3/13/02 (Application). **Contact:** Steven Klein; kleins@exchange.nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-01-020.html>

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

Centers for Reducing Asthma Disparities. **Deadlines:** 2/11/02 (Letter of Intent), 3/12/02 (Application). **Contact:** Virginia Taggart; taggartv@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-02-006.html>

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

Small Business Innovation Research (SBIR) Program. **Deadline:** 2/15/02. **Contact:** Susan Brinkman; susan.brinkman@nist.gov; [http://www.eps.gov/spg/DOC/NIST/AcAsD/Reference-Number-NIST\(SBIR\)2002/listing.html](http://www.eps.gov/spg/DOC/NIST/AcAsD/Reference-Number-NIST(SBIR)2002/listing.html)

U.S. Based Collaboration in Emerging Viral and Prion Diseases. **Deadline:** 2/15/02. **Contact:** Paul McFarlane; pm24v@nih.gov; <http://www.eps.gov/spg/HHS/NIH/NIAID/RFP-NIH-NIAID-DMID-02-24/listing.html>

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

Sources Sought for Advanced Aeronautical/Space Studies (involving revolutionary aeronautical and space concepts which could dramatically impact how NASA develops and conducts its mission 10-40 years in the future). **Deadline:**

2/11/02. **Contact:** Dale Little; dkl@niac.usra.edu; <http://www.niac.usra.edu>

Solid Earth and Natural Hazards Research and Applications Program. **Deadline:** 2/4/02. **Contact:** John L. LaBrecque; labrecq@hq.nasa.gov; <http://nais.msfc.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=D&pin=04#99369>

SMITHSONIAN INSTITUTION

Smithsonian Tropical Research Institute Internship Program (develop working skills pertinent to future careers in tropical biology). **Deadlines:** 2/15/02, 5/15/02, 8/15/02, 11/15/02. **Contact:** Smithsonian Tropical Research Institute; fellows@tivoli.si.edu; http://www.stri.org/What_we_do/mello.htm

Senior Fellowships & Predoctoral Student Fellowships at the Marine Station at Fort Pierce. **Deadline:** 2/15/02. **Contact:** <http://www.sms.si.edu/SIfellow.htm>

Postdoctoral Fellowships at the Fort Pierce Marine Station. **Deadline:** 2/15/02. **Contact:** <http://www.sms.si.edu/SIapplication.pdf>

Short-term Fellowships at STRI (research relating to ecology, behavior and evolution of terrestrial and marine organisms, archeology, paleontology and human ecology). **Deadlines:** 2/15/02, 5/15/02, 8/15/02, 11/15/02. **Contact:** fellows@tivoli.si.edu; http://www.stri.org/What_we_do/Fellowship_Opportunities.html

U.S. PHARMACOPEIA

Summer Internship Program (to enhance appreciation and understanding of activities in drug standards setting, information development, and practitioner reporting programs; and enhance ability to relate this new understanding to health care practice). **Deadline:** 2/1/02. **Contact:** Justin Lane; Fellows/Interns@usp.org; <http://www.usp.org/about/fellowship/index.htm>

SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION (SURA)

SURA/ORNL Summer Cooperative Research Program (fellowships to graduate students for materials research making use of unique facilities and expertise at the Oak Ridge National Laboratory). **Deadline:** 2/1/02. **Contact:** denise@sura.org

DEPARTMENT OF AGRICULTURE (USDA)

Entomology and Nematology--New Investigator Awards (research in the area of interactions of insects, mites, and parasitic nematodes with crop plants and mechanisms of insect or nematode responses to plant defenses). **Deadline:** 1/15/02. **Contact:** mpurcell@reeusda.gov; <http://www.reeusda.gov/nri>; http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-20632-filed; <http://www.sura.org/programs/sumcoopornl.html>

Plant Biochemistry--Conference Grants, New Investigator Awards & Standard Research Grants (to stimulate research activities in plant biochemistry in general). **Deadline:** 2/15/02. **Contact:** gmclean@reeusda.gov; <http://www.reeusda.gov/nri>; http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-20632-filed

UNIVERSITY OF DELAWARE

Master's Degree Program in Art Conservation Fellowship. **Deadline:** 2/1/02. **Contact:** Debra Hess Norris; dnorris@udel.edu

Ph.D. Program in the History of American Civilization. **Deadline:** 1/30/02. **Contact:** <http://www.udel.edu/History/hist/grad.html>

WOODS HOLE OCEANOGRAPHIC INSTITUTION (WHOI)

Program of Summer Study in Geophysical Fluid Dynamics. **Deadline:** 2/15/02. **Contact:** education@whoi.edu; http://www.whoi.edu/education/gfd/gfd_fellowship.html

Summer Student Fellowship Program (independent research projects related to ocean sciences). **Deadline:** 2/15/02. **Contact:** education@whoi.edu; <http://whoi.edu/education/undergraduate/summer.html>

TRUMAN LIBRARY INSTITUTE

Dissertation Year Fellowships (dissertations on some aspect of the life and career of Harry S. Truman, or prominent public and foreign policy issues during his tenure). **Deadline:** 2/1/02. **Contact:** Grants Administrator; lisa.sullivan@truman.nara.gov; William D. Gosnold, Ph.D.

Interim Director, Office of Research and Program Development <http://www.trumanlibrary.org/grants.htm>

-- *William Gosnold, Interim Director, Office of Research and Program Development.*

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