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UNIVERSITY LETTER

UNIVERSITY OF NORTH DAKOTA AT GRAND FORKS

Volume 36, Number 12: November 13, 1998

Local Legislators To Meet In Forum With Faculty, Staff

Faculty and staff are invited to an open discussion with the Grand Forks delegation to the 1999 North Dakota Legislative Session Wednesday, Nov. 18. Sponsored by University Senate and the President's Office, the 4 p.m. exchange in room 210, Clifford Hall, with the local House and Senate members will provide an opportunity for them to express their views on issues that will be important the next Legislative year and to answer questions. --*President Kendall Baker.*

President Baker To Speak On Y2K Issues At Session Nov. 23

President Baker will kick off an informational session on the Year 2000 (Y2K) compliance issues that the University is facing. Topics include the university's infrastructure, the Higher Education Computer Center Network financial and student records systems, legal implications, considerations for instruction and research, and North Dakota University System (NDUS) reporting requirements. The session will be held **Monday, Nov. 23**, at 1:30 p.m. in the Lecture Bowl in the Memorial Union. All UND Y2K Unit coordinators are especially invited, and the session is also open to all members of the university community. -- *Dorette Kerian (Computer Center), Leader, Y2K Task Force.*

Presidential Search Committee Meets Tuesday

The next meeting of the UND Presidential Search Committee will be at 3 p.m., **Tuesday, Nov. 17**, in room 211, Rural Technology Center. The agenda follows.

1. Approve Minutes of Oct. 20 and Oct. 30 meetings
2. Executive Search Profile:
 - a. Report from subcommittee on feedback
 - b. Final discussion on Profile
3. Develop advertisement for the Chronicle
4. Matters arising

--*Harvey Knoll (Graduate School Dean), Chair, UND Presidential Search Committee.*

Did You Know?

Joseph Flanagan, a UND student in the late 1890s, later was named the University's greatest athlete of the school's first 50 years. He earned seven football letters as a student in the high school preparatory department and in four years of University courses.

University Letter is also available electronically in the Events and News section of UNInfo on the Web, <http://www.und.edu/dept/our/uletter.htm>

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Call Issued For Participation In N.D. Academy Of Science Meeting Here In April

The North Dakota Academy of Science will hold its 91st annual meeting **April 15 and 16** in Grand Forks on the UND campus. The Academy encourages student involvement with opportunities such as undergraduate and graduate sessions, including the Denison Competition and Junior Academy presentations (state science fair winners). This year a science education reform symposium and a North Dakota paleontology/geology symposium will be designed for the interested public, educators, and students.

This announcement is also a call for volunteered communications and symposia participation. Note the following important dates: An intent to submit notice must be received by **Jan. 11** and communications must be submitted in specified format by **Feb. 10**. The following symposia are being organized: "An Update on the Red River of the north and Devils Lake Basins, North Dakota - Developing a Comprehensive Water Strategy"; "Concentrated Animal-Feeding Operations (CAFOs) and the Environmental Quality in North Dakota"; "Science Education Reform - Revising Pedagogy to Promote Inquiry in the Spirit of the National Science Education Standards"; "The Paleontologic and Geologic Record of North Dakota - Important Sites and Current Interpretations"; "Nutritional Supplements - Can great Performance, Good Health, and a Long Life Come Out of a Bottle?"; and "Mathematical and Computer Approaches to Biological and Ecological Systems."

Dr. David Krause (State University of New York-Stony Brook) will speak Thursday evening on the wonders of the fossil and modern animal record of Madagascar. A meeting registration notice will follow in late February. For inquiries and submission forms, please contact Eric Uthus at the Grand Forks Human Nutrition Research Center, Box 9034, 795-8392, uthus@badlands.nodak.edu; or Joseph Hartman, EERC, Box 9018, 777-2551, jhartman@plains.nodak.edu. -- *Joseph Hartman, Energy and Environmental Research Center.*

Computerized Speech Training Offered

Did you know that several computer clusters across campus now include at least one computer station that speaks? Computerized speech can be an effective accommodation for students with visual impairments, blindness, and learning disabilities. Find out where they are located and how they work by signing up for a one hour training session. Call Gloria or Kelly at 777-3425 to schedule a training session at our office or yours. -- *Deb Glennen, Disability Support Services.*

Regional Earth Science Applications Center Participation Opportunities To Be Outlined

Interested faculty and students are invited to a meeting **Wednesday, Nov. 18**, at 4 p.m. 111 Odegard Hall, to hear opportunities for participation in a newly funded Regional Earth Science Applications Center (RESAC). The opportunities are broad and may appeal to life, physical, and geo-scientists, to social scientists and economists, and to technical experts in computing and engineering.

UND is the prime contractor on a three-year, \$1.8 million grant to establish a RESAC. Befitting the need to serve the entire Northern Great Plains region (North Dakota, South Dakota, Montana, Wyoming and Idaho), the grant is shared among a consortium of seven other universities in five states. This particular grant comes atop two other multi-year, million-dollar category grants. The consortium, known as

the Upper Midwest Aerospace Consortium (UMAC), therefore, has the opportunity to

- * be a major regional center for distribution of environmental information;
- * create a new style of education;
- * nest itself within a national federation of Earth Science Information Partners;
- * lead the region's representation in the U.S. Global Change Research Program;
- * build a state-of-the-art remote sensing/image processing/GIS laboratory. UMAC's success is attributable to the consortium's innovations. So well-received have these been that they point to a different future for higher education. Those who wish to help create that future are especially welcome to attend the Nov. 18 meeting. Among the successful attributes we seek to build upon are:
 - * consideration of Earth's environment as a single system;
 - * collaborations to build critical mass and to broaden the range of expertise;
 - * establishment of Learning Communities, in which all can be teachers and students;
 - * end-to-end partnerships, converting data to information, then to knowledge applicable to real-world problems, and eventually to wisdom;
 - * undertakings driven by public pull, that is, focused on providing benefits to society.

In short, we are building teams which can identify quality-of-life and economic problems, apply scientific data relevant to their solution, encourage policies that lead to adoption of the solutions, and finally help implement or engineer the policies. Anybody who has an interest in learning about the environment, teaching/communicating about it, teaching those who will teach about it, or doing something about it would be a useful participant at this meeting. -- *George Seielstad, John D. Odegard School of Aerospace Sciences.*

International Centre Friends Program Needs You

Enrich your holiday season by hosting an international student. The Office of International Programs is looking for volunteers to host international students over the holidays. Hosting a student would mainly include having the student over for one of the holiday meals. If you are interested, please call Marilyn Wilkens at 777-6438 to sign-up. -- *Barry Stinson, Director, International Programs.*

University Letter Interim Editorship

Effective with this issue, Jim Penwarden of the Office of University Relations will be interim editor of *University Letter*, resuming on a temporary basis a task he had carried out for more than 15 years. Jan Orvik, who is on leave, will resume editorship duties when she returns early next year.

Although she is on leave, e-mail versions of *University Letter* items can still go to her electronic address, from which they are being forwarded for inclusion. E-mail versions also may be sent to jim_penwarden@mail.und.nodak.edu OR to mavis_ness@mail.und.nodak.edu. Paper copies of *University Letter* items should be sent to the Office of University Relations, box 7144, 411 Twamley Hall. -- *Jim Penwarden, Office of University Relations.*

Scientists, Artists, Scholars Directory Updating Under Way, Submissions Invited

A *Directory of Scientists, Artists, and Scholars* is again being prepared by the Graduate School, the Office of Research and Program Development, and the Office of University Relations. We began a year and a half ago (1997 was not a good year to start a project!) to collect information that could go into a directory, and we received approximately 150 responses then. We are asking those of you who did respond to update your file, and those of you who did not get the opportunity to respond to do so now. Peter Johnson and Charles Bell in University Relations are assisting in the development of this directory. It will be online and will be searchable by topic or faculty name. It will carry connections to departmental home pages and give your e-mail address.

Please complete the form that is available on the World Wide Web at www.und/academics/scholars to help us to develop this directory, which we intend to share with the Legislature and other North Dakota entities, etc., to make them aware of the expertise that exists at UND. If you would like a hard copy version of the form, contact Peter Johnson at Box 7144, phone 777-4317, Office of University Relations. -- *Harvey Knoll, Dean, Graduate School.*

Information For Booklet On UND Services Provided In N.D. Is Due

Potential contributors to the new issue of the "UND Serves" booklet that delineates on a county-by-county basis how various UND services are extended throughout the state are reminded that the submission deadline is at hand. The original deadline of Nov. 6 can be extended somewhat. Call Patsy at 777-3791 or Jim at 777-4311, or forward your material to their e-mail address: jim_penwarden@mail.und.nodak.edu or patsy_nies@mail.und.nodak.edu.

The time span for which the activity that is reported for inclusion in this issue of "UND Serves" has been a matter of question. *Originally*, it was stated as a time period encompassing this past calendar year and forward through this academic year. However, if contributors feel that activity that falls outside of that time line should be considered, feel free to submit such information for consideration. Deadline for issuing the new booklet is early in the next Legislative session in January. -- *Jim Penwarden, Office of University Relations*

U Senate Offers Few Reactions To Presidential Search Document

University Senate, at its regular monthly meeting Nov. 5, spent less than 10 minutes on the only major item on its agenda, which was discussion and comments on the current draft of the institutional profile of the UND presidential search process. The latest version of the profile has been distributed in various ways for interested persons to offer responses for consideration by the search committee. Senate members, who offered only three or four remarks at the meeting, might have been choosing to submit their reactions about the profile through other means, including via hard copy and e-mail available through the presidential search web site, which is linked to the UND home page on the Internet. The deadline for that process was last Tuesday.

Details on proceedings of the November meeting, and other Senate information such as agendas, minutes of other meetings, and announcements, can be accessed under the UND Internet home page, Academics -- Senate (<http://www.und.nodak.edu>). -- *Jim Penwarden, University Relations.*

Studio One Lists Guests

John Johnson, who survived being lost in the Lake of the Woods wilderness for eight days, will share his courageous story of physical and mental endurance on the next edition of "Studio One" live at 5 p.m. on Channel 3.

Johnson owns a cabin in the Lake of the Woods, which is located in northern Minnesota and parts of Canada. Johnson became lost in an unfamiliar part of the wilderness while collecting cedar sticks. Armed with a jack knife and tape measure, and wearing only a short sleeve shirt, he spent the next eight days fighting to survive. Johnson experienced hallucinations caused by lack of food, exhaustion, and extreme weather conditions.

During his time in the dense woods, four to six inches of rain fell and the temperature dropped approximately 30 degrees Fahrenheit. These conditions made it difficult for Johnson to keep moving. Johnson ate nothing the first four days until deciding to eat lily pads and their stems. Rain water kept Johnson from dehydrating. Johnson's interview will focus on his amazing story and highlight his rescue. His story has been covered by Reader's Digest and Dateline NBC.

Attention Deficit Disorder (ADD) is a common disorder that is characterized by a lack of attention span and impulsiveness. People with ADD have a lower-than-normal level of dopamine in their brains. Dopamine is a hormone that keeps the brain active. Symptoms of ADD include: high level of activity, distractibility, poor organizational skills, and lapses in memory and concentration.

Linda Jenkins Director of Special Education for Grand Forks Public Schools, and Gary Schill, a high school counselor, will be guests on "Studio One". They will discuss the nature of ADD and how one deals with the disorder.

"Studio One" is an award-winning news and information program produced at the University of North Dakota Television Center. The program airs live on Channel 3 on 5 p.m. on Thursdays. Rebroadcasts can be seen Thursdays and Fridays at 7 p.m., Saturdays at 10 a.m. and noon, and Monday through Wednesday at 7 p.m. "Studio One" also airs in Fargo, Bismarck/Mandan, Minot, and Minneapolis. -- *Stephanie Larson and Angela Welman, UND Studio One, Marketing Team.*

Staff Senate Announces Meeting Dates

The University Staff Senate meets from 1 to 2 p.m. on the second Wednesday of every month except in November, when it meets on the third Wednesday because of Veterans Day. The date and location of the meetings follows: **Nov. 18**, River Valley Room; **Dec. 9**, Fred Orth Lecture Bowl; **Jan. 13**, River Valley Room; **Feb. 10**, River Valley Room; **March 10**, River Valley Room; **April 14**, River Valley Room; **May 12**, River Valley Room. -- *Joy Johnson (Affirmative Action), for UND Staff Senate.*

Instructional And Learning Technologies Accepts Campus Passport ID Cards

For the convenience of our clientele, we have installed a terminal which will allow faculty, staff, and students to charge materials and services directly to their Campus passport ID card effective **Monday, Nov. 16**. As you may know, the Passport ID is an online debit card that is versatile and can be used in many other service areas across campus. Accounts may be set up in \$25 increments at 100 Gamble Hall. Please contact me at 777-4150 if there are questions about using the Passport ID card. -- *Lynn Weiner, Administrative Assistant, Center for Instructional and Learning Technologies.*

'Studio One' Expands Viewership Coverage Through Prairie Public TV Market

"Studio One," UND's award-winning television series, is now being telecast on Prairie Public Television. This new partnership between UND's Television Center and Prairie Public, which began with the Nov. 12 telecast, allows more viewers to watch "Studio One." Prairie Public Television serves an audience of 625,000 households in Minnesota, Montana and parts of Manitoba and all of North Dakota.

"Studio One" is a live one-hour weekly news and information program produced at the UND Television Center. University student interns produce news, weather, sports, and entertainment segments and interview guests ranging from local personalities to national and international celebrities. It provides students with opportunities to gain practical experience in the communication industry.

Monte Koshel, "Studio One" Executive Producer, said the larger viewing audience will introduce the show to more people and promote UND. Kathleen Pavelko, President and CEO of Prairie Public said "Studio One" will provide Prairie Public the opportunity to showcase the training initiatives taken by the University. It is an impressive program that viewers may not realize is produced by students," she said. Prairie Public Broadcasting is a non-profit organization that provides significant support for educational, cultural, and informational programs and various community projects. "Studio One" will air on Prairie Public Saturdays at 6:30 a.m. -- *Barry Brode, Television Center.*

Anatomy Plans Seminar

The Department of Anatomy and Cell Biology will hold a seminar at noon **Monday, Nov. 16**, in B710, Frank Low Conference Room, School of Medicine and Health Sciences. Sue Jenö (Anatomy and Cell Biology) will present "Alternative Medicine." -- *Bryon Grove, Anatomy and Cell Biology Fall Seminar Series Coordinator.*

Instructional And Learning Technologies Faculty Workshop Sessions Announced

The following Faculty Workshop sessions will be offered the week of Nov. 16-20: **Monday, Nov. 16**, 1 to 2:30 p.m., "Preparing Images for the Web"; **Tuesday, Nov. 17**, 9 to 10:30 a.m., "WI: Supplemental Course Materials on the WWW"; **Wednesday, Nov. 18**, 9 a.m. to noon, "Intermediate Features of Photoshop"; and **Thursday, Nov. 19**, 1 to 2:30 p.m., "Orientation to the Center."

You may register online at <http://www.cilt.und.nodak.edu/services/index.html> or by calling 777-4150. -- *Kathy Smart, Director for Instructional and Learning Technologies.*

Car Starting Service Details Announced

A car starting service will be available to faculty, staff, and students beginning Dec. 14. It will cover the same campus areas that are presently covered by the UND Polic Department. To utilize the service, call the Transportation Department at 777-4122 and ask to be put on the list for it. You will be asked your name, phone number, and location of your car, and you will be placed on the list and be given an approximate time for the starting service, at which time you must be at your vehicle. The charge for the service is \$5 and will be billed to your UND accounts receivable.

The service will be available Monday through Friday from 12:30 p.m. to 4:30 p.m. on the following dates: December, 14-18; January: 6-8, 11-15, 19-22, and 25-29; February: 1-5, 8-12, 16-19, and 22-26; March: 1-5. -- *Mary Metcalf, Transportation Department.*

Theology For Lunch Sessions Set

The Campus Ministry Association extends a invitation to all members of the UND community to join them for Theology for Lunch each Tuesday at noon during November. All programs will be at Christus Rex Lutheran Center, 3012 University Ave., and will include a featured speaker and free lunch for all participants. The schedule includes: **Tuesday, Nov. 17**, Attorney Mary E. Seaworth will speak about "Separation of Church and State." **Tuesday, Nov. 24**, a panel of students will discuss the topic of "Politics and the Church." -- *Tim Seaworth, University Counseling Center.*

Forum On Bike Path Lighting Tuesday Seeks Feedback For City

An open forum will be held **Tuesday, Nov. 17**, at 3 p.m. in the Memorial Union Lecture Bowl to solicit input on lighting the bike path. UND has been asked to provide feedback to the Grand Forks City Council. All faculty, staff, students and community neighbors are invited to attend. -- *Jim Uhler, Auxiliary Services.*

Women's Center Lists Events

The **Wednesday, Nov. 18**, Feast and Focus program at noon in the Women's Center, 305 Hamline Street, will be "Simplify Your Life." The more complex life becomes, the more people crave simplicity -- in their work, relationships, health, finances, and leisure time. For all of those who are overpowered, overextended, overworked, and overcome by their busy lifestyle -- join us in this discussion and learn how to unwind and improve the quality of your life.

The noon **Thursday, Nov. 19**, For Women Only program will discuss women's sexuality issues. Please join us.

There will be no programs Wednesday and Thursday, Nov. 25-26. -- *Donna Oltmanns, Coordinator, Women's Center.*

Geography Forum Topic Is Timberline Species Decline

The Department of Geography will hold a Geography Forum at noon **Thursday, Nov. 19**, in 364 Clifford Hall. Kris Peterson, graduate teaching assistant in Geography, will present "The Precipitous Decline of a Timberline Species: Reasons and Management Considerations for Whitebark Pine." -- *Paul Todhunter, Geography.*

Poet Robert Hedin To Speak In English Lecture Series

Poet Robert Hedin will give a reading of his work at 4 p.m. **Thursday, Nov. 19**, in 116 Merrifield Hall. Hedin is founder and director of the Anderson Center for Interdisciplinary Studies, Red Wing, Minn., and editor of the literary journal, "Great River Review." He is the author of two books of translations, five anthologies, and five books of poetry. His many awards include three Creative Writing Fellowships from the National Endowment for the Arts and a Bush Foundation Artist Fellowship.

Copies of his most recent books, "The Zeppelin Reader: Stories, Poems and Songs from the Age of Airships" and "The Old Liberators: New and Selected Poems and Translations," will be available for purchase in 166 Merrifield Hall following the presentation, and are currently on sale at the UND Bookstore. Sponsored by the Office of the Provost and the College of Arts and Sciences, and part of the English Lecture Series, the reading is free. -- *Martha Meek, Coordinator, English Lecture Series.*

International Centre Lists Events

On **Thursday, Nov. 19**, at 7 p.m., the International Centre, 2908 University Ave., will feature Native American Culture, in which the Native American students will share their cultural heritage, music, dance and food. Please join us. -- *Chaminda Prelis, Programs Coordinator, International Centre.*

Writing Discussion Group Meets Nov. 19

The topic for the November meeting of the Writing Across the Curriculum discussion group will be "Shouldn't They Have Learned That By Now? A Conversation with the English Comp Director." The group will meet **Thursday, Nov. 19**, from noon to 1 p.m. For more information on this meeting or to sign up to attend, please call 777-3600 or respond by e-mail to hawthorn@badlands.nodak.edu. We'd like to hear from you by noon on Nov. 17 so we have an accurate count for food. -- *Joan Hawthorne, English.*

Grinnell Biology Professor To Speak

Jonathan Brown, professor of Biology at Grinnell College, Iowa, will present a seminar, "Speciation in Goldenrod Ball Gollmakers: a Role for Sexual Selection?" in 141 Starcher Hall at noon **Friday, Nov. 20**. Everyone is welcome. -- *William Sheridan, Biology Department Seminar Coordinator.*

Physics Colloquium Nov. 20 Examines 'Big Bang Nucleosynthesis'

"Big Bang Nucleosynthesis and the Cosmic Density of Matter" is the title of the Friday, Nov. 20, presentation in the 1998 Fall Semester Physics Colloquium. Keith Olive of Montana State University will speak at 3:30 p.m. in room 209, Witmer Hall. Refreshments will be served before the presentation in 215 Witmer Hall at 3 p.m. -- *Physics Department.*

Collegium Musicum Concert Features Medieval, Renaissance Songs

of Romance The Collegium Singers and Medieval Strings will present a troubadour romance from 12th-century France, with songs actually composed by the characters of the story. They will also present some romantic madrigals and a motet based on the Song of Solomon from a manuscript presented to Henry VIII by the city of Florence. These vocal groups will be complemented by 12th-century French dances played by the Medieval Strings, and Renaissance dances and other works performed by the Renaissance Wind Band. The performance, **Friday, Nov. 20**, at 7:30 p.m. in the Josephine Campbell Recital Hall, Hughes Fine Arts Center, will be a showcase for UND's collection of historic instruments and offers an opportunity to hear vielle, lute, cornetto, shawm (the oboist's revenge), and sackbut. Admission is \$4, students for \$2.

The UND Collegium Musicum specializes in authentic performance of rare and historic music. The group includes a Vocal Ensemble, and a Renaissance Wind Band. Now directed by Dr. Gary Towne, the Collegium Musicum was founded by Dr. Tamar Read in the early 1960's as an outgrowth of her Music History class. The group has done a very broad range of music, including the American premieres of several major works. -- *Gary Towne, Music Department.*

Student Photo Exhibit At Empire Depicts Grand Forks Homelessness

Black and white photographs by more than 40 UND-Industrial Technology students are displayed in an exhibit called "A Place I Call Home" at the Empire Theater in Grand Forks, through **November 22**. The exhibit, open daily from 9 a.m. to 4 p.m. Monday through Friday, features close to 100 prints depicting homelessness in the Greater Grand Forks area as part of the 1998 National Homeless Awareness Week, **Nov. 14-21**. The purpose of the exhibit is to raise awareness about social problems related to homelessness.

The photographs are part of a class project of this and last year's fall semester "Fundamentals of Photography" course taught by Ute Sartorius of the faculty of Industrial Technology. Students in both sections of the IT 322 course show images of homelessness that range from symbolic interpretations to visual narratives of the daily life of homeless people.

"People take for granted waking up in the morning and looking outside their window to see what they need to wear. Homeless people don't have that luxury," reads the caption to the photo titled "A Room With a View," by UND pre-business sophomore Reed Price.

Another print showing the light of a candle is titled "Light in the Everyday Life," by Lise Mette Jensen from Norway. The caption reads: "Being homeless can also mean being lonely. A little bit of help and concern from individuals can bring a lot of light and hope into their everyday life."

Industrial Technology sophomore Ryan Torgerson explains his picture of a dog being fed at the Grand Forks Mission saying "If a person that doesn't have a home has a dog, that dog also is homeless. If that very same person can't feed himself, his dog is going to go hungry as well. I thought this picture does a fairly good job illustrating how much the Grand Forks Mission is trying to help out everyone, even a man's best friend."

The Grand Forks Mission is indeed one of the main components of this exhibit, organized by Resource Development Director Karen Frisch and with sponsorship of TARGET, the Great Frame Up, UND Industrial Technology, Fine Print, Community Agency Networking Association (CANNA), North Valley Arts Council, The Floor to Ceiling Store, NSP, and United Way.

The brochure accompanying the exhibit was designed by Stephanie Mortenson in fulfillment of an independent study under the supervision of Ute Sartorius, lecturer in Industrial Technology-Graphic Communication. -- *Ute Sartorius, Faculty of Industrial Technology.*

Exhibits By 3 Artists Opens Saturday

Works by a South African, a regional artist, and a UND graduate are featured in an exhibit opening Saturday, Nov. 14, at the North Dakota Museum of Art. The artists are South African William Kentridge, Minneapolis artist Nancy Randall, and UND graduate Bernice Ficek-Swanson. A public reception for the latter two will be held Saturday between 6 and 8 p.m. with *hors d'oeuvres* by Verena Fonder and music by Jazz on Tap. The artists will give a gallery talk at 7 p.m. The exhibit runs through Nov. 29.

Kentridge's show, "WEIGHING . . . and WANTING," is a visual poem on the themes of love, loss, power, vulnerability, and dislocation, presented in a mixed media format composed of 20 charcoal and pastel drawings and a six minute video projection. Ficek-Swanson's exhibition, "Putting Out Ashes," consists of 11 images made by first

Exhibits by 3 Artists Opens Saturday, continued

constructing a still life of stones formed into a geometric configuration, then photographing the still life and making a final print through photogravure process, which marries the fine detail of a photo and the smokey surface quality of an inked etching. Randall fuses motifs from diverse cultures into one art work: Greek columns, caribou, snakes, buffalo, Viking long boats, and cross sections of apples appear in her pastel and graphite works.

The Museum is open 9 a.m. to 5 p.m. Monday through Friday, and 1 to 5 p.m. Saturday and Sunday. There is no admission charge. -- *Marsy Schroeder, North Dakota Museum of Art.*

Graduate Committee Meets Monday

The Graduate Committee will meet **Monday, Nov. 16**, at 3:05 p.m. in 305 Twamley Hall. The agenda will include:

1. Review of the subcommittee report on the Chemistry graduate program.
2. Consideration of the Business and Vocational Education graduate program.
3. Matters arising.

-- *Harvey Knoll, Dean, Graduate School.*

Doctoral Exam Set For Jacqueline Kay Wilcox

The final examination for Jacqueline Kay Wilcox, a candidate for the Ph.D. degree with a major in Teaching and Learning, is set for 1:30 p.m. **Tuesday, Dec. 1**, in Room 104, Education Building. The dissertation title is "Science Experiences of Six Elementary Student Teachers: A Case Study." Mary McDonnell Harris (Teaching and Learning) is the committee chair.

Members of the Graduate Faculty are invited to attend. -- *Harvey Knoll, Dean, Graduate School.*

AFROTC Information Session Announced

Specifics on what the UND Air Force ROTC program has to offer students in the way of scholarship opportunities and programs will be presented at a session **Thursday, Nov. 19**. ROTC students, Air Force officers, and instructors will in the Lecture Bowl of the Memorial Union from 10 to 11 a.m. For more information, call Monique Clifford, 777-2663. -- *Monique Clifford, Continuing Education.*

1999 Bookstore Catalogs Available

The 1999 University Bookstore catalogs are now available. Watch your mailbox for a special invitation to pick up your catalog and information about registering for prizes. If your department does not receive an invitation, call the Bookstore's supply department to request one by calling Tina Monette, 777-2746. -- *Tina Monette, University Bookstore.*

Surplus Items Offered On High-Bid Basis

The University is offering for sale to the public on a sealed, high-bid basis the following items: older computer equipment, metal and wood desks, dormitory-type refrigerators, carpet remnants, cloth rags, and other miscellaneous items. They may be seen at the Central Receiving warehouse at the southwest corner of the campus. Bids will be taken between 8 a.m. and 3 p.m., Monday through Thursday, Nov. 16-19. -- *Lee Sundby, Central Receiving.*

UND To Sponsor Chamber's "Business After Hours"

UND will sponsor the Grand Forks Chamber of Commerce's "Business After Hours" **Thursday, Nov. 19**, from 4:30 to 6:30 p.m. at the Holiday Inn. Any units on campus interested in participating in the UND booth should contact Peter Johnson at 777-4317. To reserve tickets (\$10 per person) call the Chamber at 772-7271. -- *Galen Cariveau, Workforce Development, and Peter Johnson, University Relations.*

Grants and Fellowships

ORPD Lists July-August Grant Recipients

The Office of Research and Program Development would like to congratulate the following UND faculty and staff who were listed as principal or co-principal investigators on awards received during the months of July-August 1998.

Anthropology: Dennis Toom; **Atmospheric Sciences:** Michael Poellot, Jeffrey Stith; **Biology:** James Cronin; **Biomedical Communications:** Steven Gillespie; **Business and Vocational Education:** Sandra Braathen, James Navara; **Center for Innovation:** James Melland; **Chester Fritz Library:** Frank D'Andraia; **Civil Engineering:** Charles Moretti; **College of Education and Human Development (Mailing Services):** Darin Lee; **Community Medicine and Rural Health:** Brad Gibbens; **Continuing Education:** Dawn Botsford; **Energy and Environmental Research Center:** Steve Benson, Kevin Galbreath, Timothy Gerlach, Jay Gunderson, Joseph Hartman, David Hassett, Marc Kurz, Dennis Laudal, Michael Mann, Gale Mayer, Stanley Miller, Thomas Moe, Erin O'Leary, Edwin Olson, John Pavlish, Lucia Romuld, James Sorensen, Daniel Stepan, Christopher Zygarcic; **Family Medicine:** William S. Mann; **Geology and Geological Engineering:** Frank Beaver, Scott Korom; **Human Nutrition Research Center:** Jean Altepeter; **John D. Odegard School of Aerospace Sciences:** Ronald DePue, Wilfred Jackson, John Odegard, Sherman Weigel; **Law School:** Larry Spain; **Management:** Steven Moser; **Microbiology and Immunology:** Ann Flower; **Nursing:** Elizabeth Nichols; **Nursing Professionalism and Practice:** Christine Burd; **Pediatrics:** John Martsoff; **Pharmacology and Toxicology:** James Drewett, Paul Epstein, Begonia Ho; **Physical Therapy:** Peggy Mohr; **Physics:** Tar-Pin Chen; **Physiology:** Richard Vari; **Plant Services:** Paul Clark; **Psychology:** J. Douglas McDonald; **School of Communication:** Lucy Ganje; **School of Medicine and Health Sciences:** Thomas Norris, H. David Wilson; **Social Work - Children and Family Services Training Center:** Tara Muhlhauser; **Sociology - Social Science Research Institute:** Cordell Fontaine; **Space Studies:** Thomas Mote, George Seielstad; **Student Health:** Merle Charney; **Teaching and Learning:** Glenn Olsen; **TRIO Programs:** Neil Reuter. -- *Sally Eckert-Tilotta, Assistant to the Director, Research and Program Development.*

Research, Grant Opportunities Listed

Following are research and grant opportunities. For more information, contact the Office of Research and Program Development at 777-4278.

LYNDE AND HARRY BRADLEY FOUNDATION

Grants support projects that focus on cultivating a renewed, healthier, and more vigorous sense of citizenship among the American people

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Research, Grant Opportunities Listed, continued

and among peoples of other nations. Funds are provided for programs that research the needs of gifted children and techniques of providing education for students with superior skills and/or intelligence. Research programs investigating how learning occurs in gifted children and demonstration programs of instruction are also considered. A brief letter of inquiry can be submitted at anytime during the year. If the foundation determines the project to be within its current program interests, the applicant will be invited to submit a full proposal. Grants typically range from \$10,000-\$100,000; duration is usually one year. Preference is given to projects not normally financed by public tax funds. Application guidelines are available. **Deadlines:** None (Letter of Inquiry); 12/1/98, 3/1/99, 7/1/99, 9/1/99 (Formal Proposal). **Contact:** 414/291-9915; fax 414/291-9991.

NATIONAL SCIENCE FOUNDATION (NSF)

Integrated Research Challenges in Environmental Biology (99-12) grants support large, explicitly integrated research projects that address major issues within or across the field of environmental biology. The maximum award will be approximately \$3M, with a duration of 3-5 years. This competition is expected to be held annually for 4 years. Environmental biology is broadly defined to include systematic biology, population biology, ecology, ecosystem studies, ecological and evolutionary physiology, and animal behavior. The competition especially seeks to enable the kinds of synergisms and intellectual leveraging that result from integrated and synoptic approaches to key questions from differing perspectives and scales. Proposals are expected to address a complex scientific problem that is best approached with a multifaceted, integrated research design. It is expected that the research design will have multiple components, typically involving multiple processes, organisms, and/or systems. Proposals must also include plans for meaningful integration of research with education, outreach, or broad dissemination of research results. The inclusion of an overall conceptual model linking each part of the work to the overall goals is essential. Proposals may involve experimentation and/or simulation modeling, but neither is a requirement. Potential applicants are strongly encouraged to contact the IRC-EB program officer to explore whether their questions, and their approaches for answering these questions within an integrated design, fit within the parameters of this competition. A short electronic message of intent to submit a proposal should be sent to the e-mail address given below. **Deadlines:** 11/30/98 (Letter of Intent), 2/9/99 (Full Proposal). **Contact:** Program Officer, 703/306-1480; irec@nsf.gov; <http://www.nsf.gov/pubs/1999/nsf9912/nsf9912.htm>.

The Informal Science Education Program (ISE) funds projects to provide rich and stimulating contexts and experiences for individuals of all ages, interests, and backgrounds to increase their appreciation for and understanding of science. The ISE will consider requests for up to \$50,000 to supplement current research awards from any NSF directorate to assist in the broader dissemination of research results and to promote science literacy for the general public in an out-of-school setting. The supplement can be used for any activity that falls within the definition of an informal science education activity (e.g., media presentations, exhibits, or youth-based activities). It can be used to disseminate research results, research in progress, or research methods. Before a supplement is submitted, an interested Principal Investigator (PI) must contact his/her Program Director who will direct the PI to the appropriate program director. **Deadline:** None, but at least 4 months prior to anticipated starting date. **Contact:** 703/306-1620; <http://www.ehr.nsf.gov/EHR/ESIE/resawrd/Ise-supl.htm>.

The Social, Behavioral, and Economic Research Program in Social Psychology supports research on human and social behavior, including cultural influences and development over the life span. Topics include aggression; altruism; attitude formation and change; attitudes and behavior; attributional processes; emotion; environmental psychology; group decision-making, performance, and process; health psychology; intergroup relations; interpersonal attraction and relations; nonverbal communication; person perception; personality processes; prejudice; the self; social comparison; social cognition; social influence; and stereotyping. **Target Dates:** 1/15/99, 7/15/99. **Contact:** Steven J. Breckler, Program Director, 703/306-1728; sbreckle@nsf.gov; <http://www.nsf.gov/sbe/sber/start.htm>.

The goal of the following Programs for Gender Equity in Science, Mathematics, Engineering, and Technology (SMET) is to change factors that have discouraged early and continuing interest in SMET, and to develop interest, knowledge, and involvement of girls and young women in SMET. Only one proposal may be submitted per institution per competition; however, an institution may submit a proposal to the Large Collaborative Projects competition and another to the Small Experimental Projects competition. An institution may not, in the same competition, submit as the primary performer and at the same time participate in another proposal as a collaborator. **Because of this limitation, investigators must notify ORPD of their intent to submit to this program well in advance of the deadline.** **Contact:** 703/306-1637; hrdwomen@nsf.gov; <http://www.ehr.nsf.gov/EHR/HRD/index.htm>.

Large Collaborative Projects must: build on existing research about gender and the SMET infrastructure; be grounded in strong SMET content, involve multiple institutions with significant commitment, have multiple target populations, effect permanent change, leverage other initiatives, have strong formative and summative evaluation components to demonstrate impact and guide project development, and have a strong dissemination component. Projects may address educational issues from grade school through graduate school. **Deadline:** 2/1/99.

Planning Grants are available to support the preparation of proposals for Large Collaborative Projects. Applicants may request a Planning Grant to determine the feasibility of a project, to conduct detailed planning studies, and particularly to build a collaborative effort. Only one planning proposal per institution will be accepted in any one year. **Deadline:** 2/1/99.

Small Experimental Projects are directed to critical transition points that facilitate or hinder the successful participation of women and girls in SMET education—from grade school to graduate school and on to careers. They are typically small, focused projects, involving only one or few institutions, to develop or test an innovative approach to a problem area. **Deadline:** 5/1/99.

Information Dissemination Activities provide a mechanism for interacting and sharing strategies and information related to the participation of women and girls in SMET. Examples of eligible activities include conferences, workshops, symposia; videotapes, brochures, other media which could have widespread use; and electronic networks. Conferences will be supported only if equivalent results cannot be obtained at regular meetings of professional societies. For conferences and workshops, the initial request should be made at least 12 months in advance of the proposed date of the event. **Deadline:** None.

ENVIRONMENTAL PROTECTION AGENCY (EPA)/NATIONAL SCIENCE FOUNDATION (NSF)

Research, Grant Opportunities Listed, continued

The EPA and the NSF will continue to support the Partnership for Environmental Research program in FY 1999. Decision-making and Valuation for Environmental Policy (DMVEP) applications are being solicited in two areas. The Relationship between the Economy and the Environment competition will give preference to research that addresses pollution prevention and control programs, especially programs that are national in scope. Research at the regional or local level will be supported only if its results clearly will inform the analysis of national problems. The Environmental Decision-Making competition will give preference to proposals that address types of innovative methods and processes (other than public participation and negotiation, which have been funded on several occasions in the past), proposals that focus on ecosystem-level analyses, and proposals that examine social and cultural factors and their linkages to environmental policy formation and implementation. Researchers from all behavioral, social, and economic sciences are encouraged to apply. Collaborations with non-social science disciplines are encouraged when needed to answer social science-based questions. The program supports research conducted within a single disciplinary field and especially values novel, collaborative, and interdisciplinary scientific efforts. Awards are expected to range from \$60,000-\$250,000; duration will be from 1-3 years. **Deadline:** 2/1/99. **Contact:** Ms. Deborah Hanlon (general questions, particularly concerning Part I), 202/564-6836, fax 202/565-2447, hanlon.deborah@epamail.epa.gov; Dr. Alan Carlin (substantive questions with regard to Part I), 202/260-5499, fax 202/260-5732, carlin.alan@epamail.epa.gov; Dr. Rachele Hollander (general questions, particularly concerning Part II), 703/306-1743, fax 703/306-0485, rholland@nsf.gov; Dr. Jeryl Mumpower (substantive questions, particularly concerning Part II), 703/306-1757, fax 703/306-0485, jmumpowe@nsf.gov; <http://www.nsf.gov/pubs/1999/nsf9914/nsf9914.htm>.

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH)

Participants in the Summer Seminar For College And University Teachers, "Philosophy of Experimental Inference: Induction, Reliability and Error," (June 14-July 23, 1999, Virginia Tech, Blacksburg, VA) will study a range of problems concerning: theory testing and confirmation, the new experimentalism, and Bayesian and error statistical accounts of inference. The seminar is aimed at philosophers of science and those interested in questions of methodology and uncertain inference as they arise in biology and psychology, in the social sciences, in applied ethics, and in interdisciplinary studies of science and human values. It is no longer required that participants be in departments without graduate programs. Participants will receive a stipend of \$3700. Materials will be available on November 16, 1998. **Deadline:** 3/1/99. **Contact:** Deborah G. Mayo, Dept. of Philosophy, Virginia Tech; 540/231-8488; fax 540/231-6367; Mayod@vt.edu.

BURROUGHS WELLCOME FUND

The goal of Collaborative Grants to Support Research in Infectious Diseases in the Tropical Developing World is to build new collaborations and expand existing linkages among researchers in a tropical developing country with researchers in the UK and USA or Canada. Target diseases include bacterial, non-HIV viral, and non-malarial parasite diseases. Applications may be initiated by a principal investigator from any location, but must include collaborative links with the two other geographic areas. Projects may include fieldwork in the developing world as well as bench science in laboratories in the

developed or developing country institutions. Projects that seek to put research into practice and address practical problems are particularly encouraged. Overall research themes are open; proposals ranging from basic studies of the mechanism of disease to studies in public health to epidemiology, diagnostics, therapeutics or vaccine development are appropriate. It is expected that traineeships will be included in the awards. Awards will range from \$2-4 million, payable over 5 years. Funds may also be available to support substantial but smaller-scale trilateral work. **Deadlines:** 1/15/99 (Initial Proposal); 4/1/99 (Full Application). **Contact:** Sean Hussain, Tel. +44 (0)1716118641; fax +44 (0)1716117288; s.hussain@wellcome.ac.uk; www.wellcome.ac.uk.

AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION (ALS)

The ALS is now receiving abstracts for multi-year grants and one-year starter awards. Grants for 2-3 years generally will not exceed \$60,000/year; starter grants of up to \$35,000 are made to new ALS investigators. ALS supports both basic and clinical research conducted with human subjects and materials of human origin, but not clinical trials nor patients management studies. You may apply by submitting a one-page abstract for which guidelines are available. **Deadlines:** 12/1/98 (Abstract); 3/1/99 (Full Proposal). **Contact:** Ruth Papadatos, 818/340-7500; ruth@alsa-national.org; <http://www.ala.org>; **after 11/20/98** contact R. Papadatos at 818/880-9007; fax 818/880-9006.

AMERICAN ASSOCIATION FOR CANCER RESEARCH (AACR)

Minority Scholar Awards in Cancer Research are offered to graduate and medical students, physicians-in-training, and postdoctoral students from minority groups considered underrepresented in cancer research who wish to attend the Annual Meeting (April 10-19, 1999, in Philadelphia, PA) and Special Conferences of the AACR. Approximately 8500 scientists from around the world will attend the annual meeting, providing the latest findings in the most rapidly developing areas of basic, clinical, and translational cancer research. Special Conferences focus on topics in cancer research; minority faculty at the level of Instructor, Lecturer, or Assistant Professor are also eligible for Special Conference awards. **Deadline:** 12/4/98. **Contact:** See below.

Science Education Awards for Students are made to full-time, third-year undergraduate students majoring in science and third-year graduate or medical students on the basis of their qualifications and interest in research, references from mentors, and the selection committee's evaluation of potential professional benefit of the award to the candidate. Applications from students not yet committed to cancer research are welcome. The 2-year award consists of a waiver of registration fees for participation in the 1999 and 2000 AACR Annual Meetings and a \$1500 stipend each year for expenses incurred in connection with attendance at the meetings as well as related school projects or events. Projects may include seminar presentations, workshops, literature retrievals, laboratory fees, or other research-related activities pertinent to the program. **Deadline:** 12/14/98. **Contact:** Ms. Robin E. Felder, 215/440-9300; fax 215/440-9412; felder@aacr.org; <http://www.aacr.org>. -- Sally Eckert-Tilotta, Assistant to the Director, Office of Research and Program Development.