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## Volume 36, Number 10: October 30, 1998

University of North Dakota

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# UNIVERSITY LETTER

UNIVERSITY OF NORTH DAKOTA AT GRAND FORKS

Volume 36, Number 10: October 30, 1998

## Nominations Invited For Honorary Degrees

Members of the University Council are invited to nominate outstanding individuals for honorary degrees. Qualifications include, but are not limited to, the following State Board of Higher Education criteria:

1. The candidate should have an association with the state of North Dakota. This association may be by virtue of birth, residence or education, or of service to the state, the Board or one of the institutions it governs.
2. The candidate must have achieved a level of distinction which would merit comparable recognition in his or her profession or area of excellence.
3. The renown of the candidate should reflect favorably on the Board, the institutions it governs, and the state of North Dakota.

The deadline for submitting nominations is **Tuesday, Nov. 24**. Nominations must be accompanied by a factual dossier providing evidence that the nominee meets the criteria. Such factual compilation should include the following in this order: (1) a brief biography, (2) a list of scholarly writings, research and publications; (3) description of public service and achievements, (4) a list of offices and positions held, and (5) other factual justification for consideration.

On behalf of the Honorary Degrees Committee, nominations and all supporting materials should be brought to my office in 227 O'Kelly Hall. -- *Raymond Fischer (Communication), Chair, University Senate Honorary Degrees Committee.*

### Baker Briefing Set For Nov. 4

President Baker will hold his monthly 9 a.m. Briefing in the Memorial Union Lecture Bowl **Wednesday, Nov. 4**. All members of the University community are invited to attend. -- *Jan Orvik, Editor.*

## Rubeck Named Associate Medical Dean

Robert Rubeck of the University of Kentucky (UK) College of Medicine, Lexington, has been appointed Associate Dean for Academic Affairs and Information Services at the School of Medicine and Health Sciences. His appointment is effective Nov. 1. He will hold the academic rank of Associate Professor of Family Medicine at the School of Medicine and Health Sciences.

Rubeck, who will be responsible for coordination and facilitation of

(next page)

### Did You Know?

UND's largest college is the College of Arts and Sciences, with an enrollment of 1,922 students. It is followed by the Graduate School, with 1,459 students, and the College of Business and Public Administration, which numbers 1,388 students.

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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### Rubeck Named Associate Medical Dean, continued

programs in the general areas of teaching, curriculum and information systems at the school, replaces Thomas Norris, who retires Oct. 30 as Executive Associate Dean for Academic Affairs and Research.

Rubeck was Assistant Dean for Educational Development, Research and Academic Computing at the UK College of Medicine. He also served as Assistant Professor of Preventive Medicine and Occupational Health and principal of the Behavioral Research Aspects of Safety and Health (BRASH) project at the UK Institute of Mining and Minerals Research.

Rubeck received his undergraduate degree in 1967 at the State University of New York at Buffalo where he also earned a master of education degree in 1969. He completed requirements for the doctoral degree, with an emphasis in curriculum, psychology and communication, in 1973 at Ohio State University. His professional interests include educational computing, medical informatics, improving teaching effectiveness, medical curriculum and course design, student cognitive performance assessment, and program evaluation.

Prior to joining UK, Rubeck gained experience as Director of Continuing Education at Ohio State University College of Medicine, teacher and Faculty Development Specialist at the University of British Columbia, and Director of Medical Education and Continuing Medical Education at the University of Arizona College of Medicine. He has written and presented extensively on topics related to his field and served as a consultant for numerous organizations and universities. He and his wife, Sharron, raised two daughters: Tarra Pavlick of Orlando, Fla., and Karri Rubeck of Lexington, Ky. -- *H. David Wilson, Dean, School of Medicine and Health Sciences.*

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## Events to Note

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### Presidential Search Committee Meets Friday; Web Site Unveiled

The next meeting of the Presidential Search Committee will be **Friday, Oct. 30**, at 2 p.m. in 211 Rural Technology Center. Agenda items include questions and discussion about the handbook prepared by the executive search consulting firm, R. H. Perry & Associates, and a review of and modifications to the draft of the Executive Search Profile which that firm prepared.

The profile is based on a dozen or more focus group interviews conducted last week on the UND campus. After the search committee's review of the profile this Friday, it will be placed on the new UND presidential search web site ([www.und.edu](http://www.und.edu)) so that reactions to it can be made during the following week for deliberation of and consideration of incorporation by a four-member subcommittee of the main search group. The subcommittee's draft of the Executive Search Profile will be submitted to the North Dakota University System Chancellor and the State Board of Higher Education, after which the final search profile will be placed on the search web site. -- *Jim Penwarden, University Relations.*

### Physics Plans Colloquium

Tar-Pin Chen (Physics) will present "Two Dimensional Superconductivity and Coupling Length in High Tc Cuprates" at 3:30 p.m. **Friday, Oct. 30**, in 209 Witmer Hall. Coffee and cookies will be served at 3 p.m. in 215 Witmer Hall. Everyone is welcome. -- *Department of Physics.*

### Anatomy Plans Seminar

The Department of Anatomy and Cell Biology will hold a seminar at noon **Monday, Nov. 2**, in B710, Frank Low Conference Room, School of Medicine and Health Sciences. Michelle Slover (Anatomy and Cell Biology) will present "A Molecular Study of Coronary Vasculogenesis in the Early Quail and Chick Model." -- *Bryon Grove, Anatomy and Cell Biology Fall Seminar Series Coordinator.*

### Graduate Committee Meets Monday

The Graduate Committee will meet **Monday, Nov. 2**, at 3:05 p.m. in 305 Twamley Hall. The agenda will include:

1. Consideration of a request by the Space Studies department to add a new course, SPST 541, Management of Space Enterprises.
2. Outcomes Assessment of Graduate Programs, Mary Harris, Dean, College of Education and Human Development.
3. Review of the subcommittee report on the Chemistry graduate program.
4. Matters arising.

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

### Box Lunch Discussion To Focus On Funding Teaching Projects

"How to Get Funding for Teaching-Related Projects" will be the next topic for discussion in the "On Teaching" box lunch series. The session will be held from noon to 1 p.m. **Tuesday, Nov. 3**, in the Memorial Room, Memorial Union.

Co-led by Sonia Zimmerman, Chair of the 1998-99 Faculty Instructional Development Committee and Libby Rankin, Interim Director of the Office of Instructional Development, the discussion will focus on what kinds of funding are available for teaching projects at UND, how to apply for that funding, and what faculty proposal-writers can do to enhance their chances of getting funded.

To register and reserve a box lunch, call the Office of Instructional Development (777-3325) by Thursday, Oct. 29. If you miss the deadline for reservations but would like to join the discussion, you're welcome to bring your own lunch. Space is limited, however, so be sure to call and let us know you're coming. -- *Libby Rankin, Director, Office of Instructional Development (777-3325).*

### Marx, Milk And The Masses Will Be History Topic

At noon **Wednesday, Nov. 4**, in 217 Merrifield Hall, the History Department will sponsor a talk by Jim Mochoruk, Associate Professor of History, on the topic: "Marx, Milk, and the Masses: A Different Type of Co-operative." There will be a question and discussion period following Dr. Mochoruk's presentation, which is open to all. Bring your lunch. For more information please contact me. -- *David Rowley, History, 777-3380.*

### Anti-Prejudice Speaker Will Give Talk

The University Program Council will present Jane Elliot and "The Anatomy of Prejudice" **Wednesday, Nov. 4**, at 7:30 p.m. at the Chester Fritz Auditorium.

Elliot, a former teacher from Iowa, has committed herself to fighting against prejudice, ignorance and racism in society. Through her "Blue Eyes/Brown Eyes" exercise, she examines the feelings of being in the "majority" or "minority." In a short period of time, Elliot manages to  
*(next page)*

### Marx, Milk And The Masses Will Be History Topic, continued

build up a realistic microcosm of society with all the rage and feelings found in our society at large. Elliot has been featured on "Oprah" and a number of specials including "Person of the Week with Peter Jennings." -- *Tara Wilkens and Laura Blubaugh, 777-4386, University Program Council.*

### Faculty Senate Meets Nov. 5

The University Senate will meet **Thursday, Nov. 5**, at 4:05 p.m. in Room 7, Gamble Hall.

#### AGENDA

1. Announcements. (Attachment No. 1)
2. Minutes of the previous meeting and business arising from the minutes.
3. Question Period.

#### CONSENT CALENDAR:

4. Annual Report of the General Education Requirements Committee. Gary Towne, Chair. (Attachment No. 2)
5. Annual Report of the Honors Committee. Jeanne Anderegg for Dexter Perkins, Chair. (Attachment No. 3)

#### BUSINESS CALENDAR:

6. Discussion of the Presidential Search Committee Consultants' Draft Reports. Mary Kweit, Senate Chair.

-- *Alice Poehls (University Registrar), Secretary of the Senate.*

### Biology Plans Seminar

Omer Larson, Professor Emeritus of Biology, will present a Biology Department seminar titled "Plague Through the Ages: A Biologic, Historic and Socio-Cultural Examination" in 141 Starcher Hall at noon **Friday, Nov. 6**. Everyone is welcome. -- *William Sheridan, Biology Department Seminar Coordinator.*

### Intellectual Property Seminar Scheduled

The Center for Innovation will offer a free workshop, "Intellectual Property Seminar: Handling Patents, Trademarks and Trade Secrets" **Tuesday, Nov. 10**, from 3 to 5 p.m. in 211 Rural Technology Center.

The workshop, presented by Fargo patent attorney Michael Neustel, is free and open to the public. It will cover a number of topics related to protecting intellectual property, including: should you patent your idea, types of patents, keeping detailed records, patent application procedures, licensing versus manufacturing, selecting a trademark, patent and trademark searches, state and federal registration, and protecting trade secrets.

Neustel has presented intellectual property seminars for the North Dakota State Bar Association, Minnesota Inventors Congress, Cass County Bar Association, and various other organizations. -- *Christine Paige Diers, Communications Director, Center for Innovation.*

### Head Lice Is Topic Of Talk

"Head Lice-Myth and Reality: Community and Patient Management" will be presented **Thursday, Nov. 12**, from 12:30 to 1:30 p.m. at the Home Ec Building, Room 10B. Presenters will be Mary Jo Fritz, Epidemiologist, Hennepin County Community Health Department and Barbara Bor, RN, Infection Control Practitioner, Regions Hospital. This presentation qualifies for one contact hour of continuing education for Minnesota nursing licensure. -- *Liz Tyree, Nursing.*

### Integrated Studies Continues Discussion Groups

The Integrated Studies Program Friday discussion group meetings will continue in November and December. All interested members of the campus community are invited to participate. The discussions will be held from 9:30 to 11:30 a.m. Friday mornings in 116 O'Kelly Hall. The following works will be discussed: **Nov. 6**, "Dirty Hands" by Jean-Paul Sartre; **Nov. 13**, "Left Hand of Darkness" by Ursula K. LeGuin; **Nov. 20**, "Dr. Faustus" by Christopher Marlowe; **Dec. 4**, "No Exit" by Jean-Paul Sartre; **Dec. 11**, "Ishmael" by Daniel Quinn.

Please contact Carl Barrentine (777-3058) or Pat Sanborn (777-3015) for more details. -- *Yvonne Holter, Humanities and Integrated Studies.*

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## Of Academic Interest

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### Undergraduate Summer Research Opportunity Available

Advanced Undergraduate Research Awards (AURA) provides undergraduate students the opportunity to participate in faculty-mentored research. The goal is to encourage undergraduate students to attend graduate school and to pursue a career in science, engineering or mathematics research. AURA is sponsored by North Dakota Experimental Program to Stimulate Competitive Research (ND EPSCoR).

AURA award winners become members of a faculty-led research project. Participants work for eight to 10 weeks during the summer at North Dakota State University or the University of North Dakota. Students can earn up to \$2,500. There are 63 research topics to choose from.

Depending on availability of funds, up to 10 awards will be made on each research campus. Applications are due by Monday, Nov. 30. Application forms are available from ND EPSCoR's web page at <http://www.ndsu.nodak.edu/epscor>. Applications are also available in 415 Twamley Hall (9:30 a.m. to 2:30 p.m.) or 214 Ladd Hall, NDSU.

For more information contact me. -- *David Givers, EPSCoR Program Officer, 231-7516 or [givers@badlands.nodak.edu](mailto:givers@badlands.nodak.edu).*

### Faculty Award Nominations Due Nov. 20

Nominations are invited for the 1998-99 Outstanding Faculty Awards for teaching, service, and faculty development. This year, nominations may be made via the internet as well as on the usual paper forms. If you would like to nominate a full-time faculty member or a department, look for the nomination forms in various places around campus or check out the Faculty Awards link on the UND home page. Deadline for nominations is **Friday, Nov. 20**. -- *Warren Jensen, Co-Chair, Outstanding Faculty Awards Committee.*

### Student Evaluation Forms Available

All colleges have received UND Student Evaluation Forms, and departments have been notified that they can ask for copies at their respective Deans' office. Departments have received directions on how faculty are to administer the forms and how students are to complete them. Faculty are reminded to inform students to fill in the numbers for the course call number. If you are unsure of the call number please check with your department. If you have questions about any procedures related to the evaluation forms please feel free to contact the Office of Institutional Analysis at 777-4358. -- *Dean Schieve, Institutional Analysis.*

### Last Day To Drop, Withdraw Is Nov. 13

The last day to drop a full-term course or withdraw from school for the 1998 Fall Semester is **Friday, Nov. 13**. Students completely withdrawing from UND must use the UND "Withdrawal" form which is available at the Office of the Registrar, 201 Twamley Hall; students are not to use the Registration Action Form for this process. -- *Alice Poehls, University Registrar.*

### New Graduate Faculty Elected

The Graduate Faculty has completed the election process, and four new members have been elected to the Graduate Committee with terms officially commencing Nov. 14, 1998, and ending Nov. 14, 2001. The new committee members and the electorates they represent are: Sharon Carson (English), Member-at-Large; Richard Schultz (Electrical Engineering), Engineering; Jim Mochoruk (History), Humanities; and Richard Millspaugh (Mathematics), Sciences/Mathematics. The newly elected members replace, respectively, Professors Jeff Holm, Sukhvarsh Jerath, Martha Meek, and John Collings. -- *Harvey Knoll, Dean, Graduate School.*

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## Grants and Fellowships

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### Research, Grant Opportunities Listed

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

#### MUSCULAR DYSTROPHY ASSOCIATION (MDA)

Research Grants provide up to 3 years support for research into 40 diseases of the neuromuscular system to identify the causes of, and effective treatments for, the muscular dystrophies and related diseases, including spinal muscular atrophies and motor neuron diseases, peripheral neuropathies, inflammatory myopathies, metabolic myopathies, and diseases of the neuromuscular junction. Amounts are not specified. Basic research projects explore the fundamentals of nerve or muscle biology, studying topics such as: which proteins are required for proper nerve and muscle function, how nerves and muscles interact, and how defects in certain proteins can be overcome. Clinical research projects directly investigate possible treatments or improvements of neuromuscular disease diagnosis. Projects include clinical trials of possible therapeutic drugs or possible neuromuscular diseases and development of diagnostic tests. Eligible applicants must hold an M.D., Ph.D., D.Sc., or equivalent degree. **Contact:** Karen Mashburn, Grants Manager, 520/529-2000; fax 520/529-5454; research@mdausa.org. **Deadlines:** 12/15/98 (Letter of Intent), 1/15/99 (Formal Application); 6/15/99 (Letter of Intent), 7/15/99 (Formal Application).

#### DEPARTMENT OF EDUCATION

Research to Improve Services for Children with Disabilities--Student-Initiated Research awards of \$20,000 each support short-term (up to 12 months) postsecondary student-initiated research projects focusing on special education and related services for children with disabilities and early intervention services for infants and toddlers. Funded programs produce and advance the use of knowledge to improve services provided under IDEA, including the practices of professionals and others involved in providing those services to children with

disabilities; and improve educational and early intervention results for infants, toddlers, and children with disabilities. Projects must develop research skills in postsecondary students and include a principal investigator who serves as a mentor to the student researcher while the project is carried out. **Contact:** 202/260-9182; fax 202/205-8717; <http://ocfo.ed.gov>. **Deadline:** 2/5/99.

#### SHELBY CULLOM DAVIS CENTER FOR HISTORICAL STUDIES

Research Fellowships of up to \$56,000 for two semesters or \$28,000 for one semester are available for scholars to pursue research and attend a seminar for which the 1998-99 subject is "corruption." Eligible applicants are postdoctoral scholars in the U.S. and abroad. The seminar topic for 1999-2000 is "Conversion: Sacred and Profane." Changing definitions and perceptions of corruption will be addressed, but the sponsor also envisages proposals focusing on individual scandals and their implications on system analyses; employing techniques from other disciplines besides history; corruption in government; politics, business, and scientific research; questions like statebuilding or the relationship between the privatization of power and of the economy, on the one hand, and corruption, on the other; and moral corruption and the metaphor of corruption in cultural, political, sexual, and biological critiques of civilization and society. Fellows are expected to live in Princeton, NJ to pursue research and contribute actively to the seminar. **Contact:** 609/258-4997; Department of History, G-13 Dickinson Hall, Princeton University, Princeton, NJ 08544-1017. **Deadline:** 12/1/98.

#### DR. M. AYLWIN COTTON FOUNDATION

Publication Grants support the cost of publication of academic research concerned with the archaeology, architecture, history, language or art of the Mediterranean. Applicants should be either the author or editor of the work. Amounts awarded will vary dependent on the proposal. Application is open to researchers all over the world. **Contact:** c/o Albany Trustee Company Limited; 01481 724136; fax 01481 710478; 100023.662@compuserve.com. **Deadline:** 2/28/99.

#### AT&T BELL LABORATORIES

The Fellowship and Grant Program for Women and Minorities provides support for female and underrepresented minority college seniors beginning full-time doctoral studies in communications sciences, information science, statistics, computer science, mathematics, human computer interaction, electrical engineering, operations research, and industrial engineering. Consideration may also be given to first-year graduate students. Two types of awards are made: fellowships provide a monthly stipend of \$1,400, full tuition, books, fees, related travel expenses, for summer study or university research, support for attending approved scientific conferences, and a mentor who is a staff member at AT&T Labs; or \$2,000 grants, intended to be in addition to any other support the candidate may receive, support aspects of the recipient's professional development not normally covered by other awards. A major purpose of the project is to broaden the participant's professional perspectives by exposure to a variety of research environments through participation in research and development activities at AT&T Bell Laboratories during the summer preceding graduate school. Internships are also offered to fellowship and grant holders for subsequent graduate school summers. **Contact:** 908/582-4353; <http://www.research.att.com/academic>. **Deadline:** 1/15/99.

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**Research, Grant Opportunities Listed, continued**

**NATIONAL INSTITUTES OF HEALTH**

The purpose of the Structural Biology of Membrane Proteins program is to encourage basic research on the structures of membrane proteins at or near atomic resolution. Areas of interest include 1) high resolution structural studies making use of recently developed (e.g., improved NMR, X-ray and electron diffraction) technologies; and 2) additional research to further develop methods for studying the structure of membrane proteins at atomic resolution. Methods that can elucidate the organization of lipid and detergent molecules within protein crystalline arrays (e.g., neutron diffraction) are also of interest. Of particular interest are improved methods for over-expression of native and modified membrane proteins; improved methods for isolation, purification, and stabilization of membrane proteins, including the development of new detergents and non-detergent solubilization agents; basic research on the physical chemistry of membrane protein crystallization and the development of new methods for crystallization and crystal manipulation that could facilitate data collection; further development of methods for electron diffraction, particularly for the production of suitable 2D-crystals; and further development of NMR methods for examining membrane proteins in their native lipid environments. Potential applicants are strongly urged to contact program staff for guidance in areas appropriate for this program. **Contact:** Peter C. Preusch, Ph.D., Division of Pharmacology, Physiology, and Biological Chemistry, 301/594-5938, preuschp@nigms.nih.gov; John C. Norvell, Ph.D., Division of Cell Biology and Biophysics, 301/594-0533, norvellj@nigms.nih.gov; Richard W. Lymn, Ph.D., National Institute of Arthritis and Musculoskeletal and Skin Diseases, 301/594-5128, lymnr@exchange.nih.gov; Maren Laughlin, Ph.D., National Institute of Diabetes and Digestive and Kidney Diseases, 301/594-8802, laughlinm@extra.niddk.nih.gov; Jose Velazquez, Ph.D., National Institute of Environmental Health Sciences, 919/541-4998, velazqu1@niehs.nih.gov; Gabrielle Leblanc, Ph.D., National Institute of Neurological Disorders and Stroke, 301/496-5745, gl54h@nih.gov. **Deadlines:** Standard NIH deadlines.

**DEPARTMENT OF STATE**

This announcement is a second call for Collaborative Projects under the Agreement on Scientific and Technological Cooperation for the purposes of encouraging and supporting scientific and technological cooperation between the U.S. and Spain. Grants will assist with costs for international collaboration between research teams from science agencies and universities of the two countries; basic research costs must be funded from other sources. The 1998 emphasis will be on a variety of topics in the following fields: Life Sciences, Environment, Information and Communication Technology, Materials Sciences, and Energy and High Energy Physics. Costs supported will normally not exceed \$30,000 in the first year; a renewal may be requested under a later project call. Duration is normally 12 months. **Contact:** Ms. Shauntia Rodney, Program Officer, 202/647-2245; fax 202/647-2746, or The Commission for Cultural Educational and Scientific Exchange between the U.S. and Spain, Paseo Gral. Martinez Campos, 34-91-308-2436; postmaster@comision.fulbright.es; postmaster@comision-fulbright.org; http://www.fulbright.es/welcome.html. **Deadline:** 12/1/98.

**AT&T FOUNDATION**

The Education Grants Program supports education programs that focus on the use of technology to enhance teaching and learning,

concentrating on the role of technology in education and its capacity to connect students, teachers, classrooms, institutions and communities. The Learning Network Grants Program funds projects which demonstrate effective and innovative uses of technology in supporting families, schools and communities to: encourage family involvement in education, provide professional development opportunities for educators and assist in the preparation of future teachers, and develop and implement plans to promote lifelong learning and community collaboration. Special consideration will be given to projects that involve collaboration among families, schools, colleges, universities, educational organizations, and/or community-based organizations. The program focuses on the use of technology, not on the equipment and infrastructure necessary to support that use. Interested applicants should submit a brief letter of introduction and description of the project to the appropriate AT&T Regional Contributions Manager. Unsolicited proposals are not accepted. **Deadline:** None. **Contact:** 212/387-4801; fax 212/841-4683; attfound@attmail.com; http://www.att.com/foundation.

**CORRECTION: DEADLINE DATES FOR DEPARTMENT OF ENERGY (DOE)**

The **Deadline** date for the following three programs is 1/25/99: Industrial Hygiene Graduate Fellowships, Fusion Energy Science Fellowships, Applied Health Physics Fellowships. The deadline listed in the October 16, 1998, *University Letter* articles was incorrect.

**NATIONAL SCIENCE FOUNDATION**

The goal of the Environmental Geochemistry and Biogeochemistry (EGB) (NSF 99-9) activity is to enhance fundamental, interdisciplinary research on chemical processes that determine the behavior and distribution of inorganic and organic materials in environments near the Earth's surface. Of particular importance are projects that characterize chemical parameters in both perturbed and unperturbed natural systems, clarify the chemical and biological processes or behavior observed, or combine observations and interpretations into predictive models. A central challenge of environmental research is understanding how the physical, chemical, geological, and biological processes that comprise the Earth's natural systems are functionally interrelated. EGB addresses this challenge by supporting studies on the physical-chemical-biological behavior of chemical substances within one environment or by emphasizing research that focuses on a common chemical theme throughout a variety of environments. Environments of interest are soils, ground waters, surface waters, coastal marine and estuarine areas, and portions of the troposphere in contact with these environments. The program encourages integration of critical inquiry from the disciplines of inorganic, organic, bioinorganic, and bioorganic chemistry (reactions in complex environments); geochemistry (characterization and distribution of chemical compounds in natural systems); hydrology (flow and transport); biology (dynamic influences of microbes and other communities); colloid, interfacial, and transport engineering (including generic mechanisms in porous media); and mathematics (analytical, statistical, and computational modeling of complex systems) to address environmental problems. Research projects combining approaches from other chemically-based science or engineering fields of study with these disciplines are also appropriate. Award durations of 2-3 years will be considered. The total funding requested for each project must not exceed \$550,000. **Contact:** Donald Rice (EGB Coordinator), Ocean Sciences, 703/306-1589, drice@nsf.gov; Margaret Cavanaugh, Chemistry, 703/306-1842, mcavanau@nsf.gov;

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#### Research, Grant Opportunities Listed, continued

L. Douglas James, Earth Sciences, 703/306-1549, ldjames@nsf.gov; Maryellen Cameron, Polar Programs, 703/306-1030, mcameron@nsf.gov; John Foss, Chemical and Transport Systems, 703/306-1365, jfoss@nsf.gov; Anne-Marie Schmoltner, Atmospheric Sciences, 703/306-1522, aschmolt@nsf.gov; Maggie Werner-Washburne, Molecular and Cellular Biosciences, 703/306-1440, mwernerw@nsf.gov; Michael Steuerwalt, Mathematical Sciences, 703/306-1878, msteuerw@nsf.gov; Thomas Frost, Environmental Biology, 703/306-1479, tfrost@nsf.gov. **Deadline:** 1/20/99.

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#### NATIONAL ASSOCIATION OF BROADCASTERS (NAB)

Grants for Research in Broadcasting provide up to \$5,000 for a 12-month period for broadcast research, especially on economic, business, social, or policy issues of importance to the US commercial broadcast industry. All academic personnel, graduate students, and senior undergraduates are eligible. The NAB encourages proposals dealing with the economics of broadcasting in an environment of diminished regulation, increasing competition, and changing financial structures. **Contact:** Molly Fink, 202/429-5389; <http://www.nab.org/research/grants.htm>. **Deadline:** 2/1/99.

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-- Sally Eckert-Tilotta, Assistant to the Director, Office of Research and Program Development.

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#### Veterans Day Is Holiday

In accordance with State Board of Higher Education directives, **Wednesday, Nov. 11**, Veterans Day, will be observed 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 Ettl, Interim Vice President for Academic Affairs and Provost, and Diane Nelson, Director, Personnel Services.

#### Health Sciences Library:

The Library of the Health Sciences will be open regular hours on Veterans Day, **Wednesday, Nov. 11:** 7:30 a.m. to midnight. -- Lila Pedersen, Library of the Health Sciences.

#### New PAC-W Members Listed

President Baker has appointed four new members, Suzy Belyea (Assistant Director of Apartment Housing), Kathy King (Senior Lecturer in English who also teaches in Women's Studies), Vikki McCleary (Instructor in Physiology) and David Rowley (Associate Professor of History) to the President's Advisory Council on Women's Issues (PAC-W).

PAC-W studies and makes recommendations addressing issues of concern to women faculty, staff and students. In addition to its new members, it includes Loretta Heuer (Chair, Nursing), Rhonda Schwartz (Vice-Chair, Law Library), Sara Hanhan (Teaching and Learning and Academic Affairs), Cindy Juntunen (Counseling), Charlie Minier (Academic Affairs), Marcia O'Kelly (Law), Dan Rice (Educational Leadership), Jan Zahrly (Management), Donna Oltmanns (ex officio, Women's Center) and Sandra Donaldson (ex officio, English and Women Studies). -- Loretta Heuer, President, PAC-W.

#### UND Aerospace, Honolulu College Create Hawaii's First Collegiate Aviation Program

Honolulu Community College and the John D. Odegard School of Aerospace Sciences have created Hawaii's first collegiate flight training degree program. Students who complete the five semester program at HCC will receive an Associate in Science degree and an FAA commercial pilot certificate with instrument rating. UND Aerospace provides all flight training. Students may transfer credits to the University of North Dakota toward a four-year Bachelor of Science Degree in Commercial Aviation. -- Tim Burke, Director of Communications, UND Aerospace.

#### UND Fleet To Top 100 Aircraft By Year End

Recent fleet growth and scheduled aircraft deliveries will push the size of the UND Aerospace fleet over the 100 aircraft mark by the end of the year.

The John D. Odegard School of Aerospace Sciences currently operates 87 aircraft at its main location in Grand Forks, and five extension training sites. Another 16 aircraft are scheduled for delivery by the end of December. In addition, 14 more aircraft are scheduled for delivery in 1999. -- Tim Burke, Director of Communications, UND Aerospace.

#### Flying Team Sweeps Regional Flying Meet

The UND Flying Team swept to victory in the Region V National Intercollegiate Flying Association (NIFA) flying meet in Mankato, Minn. UND outscored its nearest rival by a three to one margin.

Flyers from UND's John D. Odegard School of Aerospace Sciences took wins in all seven of the individual events that made up the championship. The victory has earned UND the right to seek an 11th national title at the spring national competition to be hosted by Kansas State University in Salina, Kansas, April 27 - May 1, 1999. The UND team has won the national title 10 of the past 14 years.

Minnesota State University-Mankato, the host school, finished second overall and will also go on to the NIFA national competition. The team scores are:

1. University of North Dakota, 275
2. Minnesota State University-Mankato, 79
3. St. Cloud State (Minn.) University, 77

Other teams competing in the event were the University of Dubuque (Iowa), and the Academy of Aviation (Bloomington, Minnesota). UND pilots took four of the top five spots in the Top Pilot rankings. -- Tim Burke, Director of Communications, UND Aerospace.

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## Arts and Entertainment

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#### Women's Center Lists Events

The **Wednesday, Nov. 4**, Feast and Focus program at noon in the Women's Center, 305 Hamline Street, will be "What Can You Do With a Women Studies Degree?" The **Thursday, Nov. 5**, For Women Only program will discuss women's sexuality issues. Please join us. -- Donna Oltmanns, Coordinator, Women's Center.

## Era Bell Center Presents Programs

The Era Bell Thompson Cultural Center, 2800 University Ave., will sponsor a Study Group, with sessions in History, Sociology, Writing, and Mathematics (and your favorite professors) on the first and third Tuesdays, from 6:30 to 8 p.m.

On **Tuesday, Nov. 3**, Joan Hawthorne (Writing Center) will present "What Makes Writing Hard and How You Can Meet the Writing Challenge" at the Era Bell Thompson Cultural Center. -- *M.C. Diop, Era Bell Thompson Cultural Center.*

## International Centre Lists Events

The International Centre, 2908 University Ave., will hold an international brown bag session at noon each Tuesday, in which participants will discuss U.S. and world events. All are welcome.

On **Thursday, Nov. 5**, at 7 p.m., the Centre will feature a "World Interfaith Forum," in which representatives from various faith groups will facilitate a discussion on comparative religion from a global perspective. Please join us. -- *Chaminda Prelis, Program Coordinator, International Centre.*

## Pianist to Perform Nov. 8 At Museum

A pianist who combines "perfect technique" with "intense passion" is the second performer in the North Dakota Museum of Art's Concert Series. Gayle Martin Henry will play the works of 19th Century composers at the Museum on **Sunday, Nov. 8**, at 2 p.m.

Admission to the concert is \$12 for general admission and \$5 for students; children 12 and under are admitted free. The Concert Series is supported by community sponsors and a generous grant from the Myra Foundation.

The program will include Mendelssohn's "Fantasy on 'The Last Rose of Summer'," Beethoven's "Sonata Quasi Une Fantasia," Chopin's "Scherzo in B<sup>b</sup> Minor," and Mussorgsky's "Pictures at an Exhibition."

Henry has performed with the Houston Symphony, Denver Symphony, Minnesota Orchestra and Philharmonia Virtuosi of New York. She has toured South America and given piano concerts at Alice Tully Hall in New York, the White House and the Phillips Collection in Washington, D.C., and at other venues throughout the United States, Puerto Rico, England, Austria, Poland, Israel and Russia. Last season, Henry's performing schedule culminated in a successful trip to China, where she was the only American invited to play at the first Dalian International Music Week, which was broadcast live throughout Asia.

Henry was one of the last students of Mme. Rosina Lhevinne at The Juilliard School, where she won both the prestigious Josef Lhevinne Prize and the Tchaikovsky Concerto Competition. She was also the only American finalist of the 1978 International Tchaikovsky Piano Competition in Moscow, and the third American woman ever to reach the finals.

The next performer in the Museum's Concert Series is Oboist Diana Doherty, on Sunday, Jan. 17, at 2 pm. The North Dakota Museum of Art is located on Centennial Drive. Hours are from 9 a.m. to 5 p.m. weekdays, and 1 to 5 p.m. Saturday and Sunday. -- *Marsy Schroeder, North Dakota Museum of Art.*

## Thursday Night Film Series Begins Oct. 29

The North Dakota Museum of Art will hold a Thursday night film series, Artists in Film, beginning Oct. 29. The Museum has selected four films made by visual artists (painters, sculptors and mixed media artists) whose interest in making two-dimensional images expands to movies.

The first movie in the series is "Prospero's Book" by Peter Greenaway which shows **Oct. 29**. "Search and Destroy" by David Salle follows on **Nov. 5**, "Caravaggio" by Derek Jarman continues on **Nov. 12** and "Lost Highway" by David Lynch closes the series **Nov. 19**. Films begin at 8 p.m. in the Museum of Art. Admission is \$3 per person at the door. For more information call 777-4195 or visit the Museum's Web site at [www.ndmoa.com](http://www.ndmoa.com) for more information.

"Prospero's Book" is a free-flowing interpretation of Shakespeare's "Tempest" and features John Gielgud as the exiled Prospero, who turns to his beloved books and magical powers to conquer his enemies. "Prospero's Book" showcases such advanced techniques as high definition video, images manipulated by computer paint box technology, and 35 mm print film to layer images.

"Search and Destroy," is a fiendishly funny story based on the play by Pulitzer Prize-nominee Howard Korder. This film stars Griffin Dunne, Rosanna Arquette, Dennis Hopper, John Turturro, Martin Scorsese and Christopher Walken. Salle's mixture of realism and excess, theater and cinema, result in a roaring, exuberant, yet sharply perceptive commentary on modern life, and a darkly comic cautionary tale about the dangers of acting on all of one's impulses.

"Caravaggio" tells the story of a notorious Renaissance painter whose personal life, artistic vision and morals were in violent conflict with their time. The movie stars Sean Bean, Tilda Swinton, and Terry Nigel.

"Lost Highway" is a mysterious and surreal movie of black humor, visually exciting imagery and singularity of cinematic style. It stars Bill Pullman and Patricia Arquette in a horror story, a murder mystery, a tale of sexual betrayal and splintering psychological dysfunction. The story follows the fractured journey of Fred Madison (Bill Pullman) into a parallel interior inhabited by his alter ego Pete Dayton (Balthazar Getty). The atmosphere of the film moves from taut, tension-filled mystery and terror, through a dreamlike transition, into a voluptuous and dangerous voyage. -- *Morgan Owens, North Dakota Museum of Art.*

## New Exhibition Features South African And Regional Artists

A new exhibition at the North Dakota Museum of Art features the work of South African artist William Kentridge, Minneapolis artist Nancy Randall, and UND graduate Bernice Ficek-Swenson. The exhibition runs through **Sunday, Nov. 29**. A public reception for Randall and Ficek-Swenson will be held at the Museum **Saturday, Nov. 14**, between 6 and 8 p.m. The artists will give a gallery talk at 7 p.m.

William Kentridge's show is titled "Weighing . . . and Wanting," and one drawing of an old fashioned scale seems to be a metaphor for the exhibition. Born in Johannesburg, where he still lives, Kentridge's art developed against the background of apartheid. His drawings and animated films have been compared to the 18th century social and political caricaturist William Hogarth. Like Hogarth, he is interested in showing the gulf between the powerful and the oppressed.

Bernice Ficek-Swenson graduated from UND and lives in Golden Valley, Minn. She uses timeless, universal materials — ashes, stones,

(next page)



### Exhibition Features South African And Regional Artists, continued

fire and cremated bones — to convey messages of life and death, transition, evolution, and the potential for new planes of existence. She notes that all cultures have used stones to represent timeless spirituality. Her exhibition, "Putting Out Ashes," consists of 11 images made by first constructing a still life of stones formed into a geometric configuration, then photographing the still life, then getting a final print through a photogravure process which marries the fine detail of a photograph and the smoky surface quality of an inked etching.

Born in Rochester, Minn., in 1928, Nancy Randall is well known throughout the Minneapolis area. She has been influenced by Joseph Campbell's writings about archetypal myths and images. She 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 Garden of Eden, Greek goddesses, and the Vikings exist side by side, their spirits alive in us, regardless of where they originated, or when. "I am haunted by the common basis of all culture," says Randall. Randall's recent pilgrimage to Norway, where her father was born, was a journey to the source of myths and culture which resonate in her being, though she had never been there until last year. Her ties to northern Europe and to the Viking culture and mythology are readily apparent in her recent work, where she celebrates warriors from the old country in a time that does not respect the fierceness of old age or the courage of immigrants.

The Museum is located on Centennial Drive on the University of North Dakota campus and 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.*

### Museum Plans Art Studio Saturdays

The North Dakota Museum of Art will hold Art Studio Saturdays at the museum on the following dates:

**Dec. 5,** "Ultimate Shoes," 9 a.m. to noon. Create paintings about imaginary shoes in your life — shoes that might make you fly, make your toast, pour your chocolate, and water the flowers.

**Dec. 19,** "Bird Hats," 9 a.m. to noon. Create outstanding hats from paper and paint that are based on the many varieties of birds in the world. The above workshops are for young people of first grade or older, their parents, guardians, or adult friends.

**Dec. 28, 29, 30,** "Art Exploration," 9 to 11 a.m. This is a three-day workshop for young people first grade or older to explore painting and decoration with traditional and non-traditional materials.

Cost for Museum members is \$7 per child per day, \$10 per child per day for non-members. Call 777-4195 to register. -- *Morgan Owens, North Dakota Museum of Art.*

### GGF Symphony Announces Season

The Greater Grand Forks Symphony Orchestra, Timm Rolek, Conductor, announces its 1998-1999 season. "The New World Concert" will be presented **Saturday, Nov. 14,** at 7:30 p.m. at the Empire Arts Center, and will feature Dvorak, Mahler, Corigliano, and guest artist Peter Halverson, baritone. "A Concert for Families" will be held **Friday, March 5,** at 7:30 p.m. in the Chester Fritz Auditorium, featuring Mozart, Haydn, and Harwood. The "90th Anniversary Gala," featuring Beethoven's Symphony No. 9, will be held **Saturday, April 10,** at 7:30 p.m. and **Sunday, April 11,** at 2 p.m. in the Empire Arts Center, and will feature the Winnipeg Philharmonic

Choir and soloists Maria Williams, David Little, Jeanne Cade and Dan Dressen. Subscribe today for best seats and best prices. The box office telephone is 746-5500. -- *Jenny Ettling, Greater Grand Forks Symphony.*

### Studio One Lists Guests

Kindness Animal Hospital veterinarian Rod Gigstad will demonstrate how to examine a small dog during the **Oct. 29** edition of "Studio One." Gigstad will explain what a dog owner should look for in a healthy dog, and discuss problems associated with the heart, lung, bone, and skin disease. Gigstad will examine the underlying problems behind the overpopulation of pound puppies and give some possible solutions.

The "Studio One" news team will also examine the importance of in-school breakfast programs. Only one in six students eats a proper breakfast before going to school and nutritionists say this lack of early morning nutrition can diminish school performance. This story looks at the success of the school breakfast program.

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

### Parenting Programs Listed

The Parent Education Resource Center (PERC), 500 Stanford Road, offers the following programs. Call 795-2765 to register or for more information. Child care offered for all daytime programs; all classes are held at PERC unless otherwise noted.

"Common Sense Parenting," 1 to 2:30 p.m. Nov. 2, 9, 16, 23 and 30.

"Active Parenting of Teens," 7 to 9 p.m. Nov. 2, 9, 23, 30 and Dec. 7.

"Parents' Guide to Temperament," 1 to 2:30 p.m. Nov. 4, 18 and 25.

"ReTHINK: How to Deal with Children's Challenging Behaviors,"

9:30 to 11 a.m. Nov. 10, 17, 24, Dec. 1, 8 and 15.

"Parents in a Pressure Cooker," 9:30 to 11 a.m. Nov. 12, 19, Dec. 3, 10 and 17. -- *Jan Orvik, Editor, for the Parent Education Resource Center.*

### Yoga Classes Scheduled

A four week session of yoga classes will be held beginning **Monday, Nov. 9,** at the Lotus meditation Center. Pre-registration is necessary; call 772-8840 or 777-2419 for information or to register. -- *Dyan Rey (Visual Arts), Instructor.*

### Credit Union Will Raise Money To Fight Leukemia

The University Federal Credit Union's second annual "Costumed For a Cure" will be held **Friday, Oct. 30.** The University Federal Credit Union employees will be in costumes to join the leukemia Society of America's fight against leukemia. Please stop by with your donations at the Credit Union offices, 403 Twamley Hall, or the 2800 South Washington branch office. -- *George Meister, Manager, University Federal Credit Union.*