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# UNIVERSITY LETTER

UNIVERSITY OF NORTH DAKOTA AT GRAND FORKS

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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Volume 36, Number 20: January 22, 1999

## University Letter Editorship Reverts To Returning Jan Orvik

With this issue, Jan Orvik resumes the editorship of *University Letter* after a maternity leave of approximately two months, during which Jim Penwarden served as editor. The weekly *University Letter*, now in its 36th year, is the chief intra-campus printed communication vehicle for faculty and staff. The office of University Relations has had responsibility for its editorship and production since its beginning.

Articles for inclusion in *University Letter* should be labeled as such and can be submitted in several ways: by e-mail to <jan\_orvik@mail.und.nodak.edu>, in hard copy form to the Office of University Relations, Box 7144, Room 411, Twamley Hall, or by fax to 777-4616. Deadline for each week's issue is Tuesday at 1 p.m. except during holiday weeks, for which altered deadlines are announced in the preceding week's issue. -- *Jim Penwarden, Director, Office of University Relations.*

## Events to Note

### Graduate Committee Meets Monday

The Graduate Committee will meet **Monday, Jan. 25, at 3:05 p.m.** in 409 Twamley Hall. (Please note the location change.) The agenda will include:

1. Consideration of a request by the Biology department to give graduate credit for *BIOL 450, Molecular Genetics*.
2. Consideration of a request by the Computer Science department to:
  - a. Add a new course, *CSci 500, Graduate Orientation*
  - b. Add a new course, *CSci 532, Programming Languages and Paradigms*
  - c. Delete *CSci 512, Advanced Data Structures*

(next page)

### Did You Know?

For a few years before 1917, black and gold came into unofficial use as the school's colors. Protests from influential friends and alumni restored the original green and pink. These colors were chosen as UND's official colors, "suggestive of our green prairies and rosy prospects."

### University Letter Editorship Reverts To Returning

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**Graduate Committee Meets Monday, continued**

- d. Delete *CSci 580, Principles of Computer Organization*
- e. Change *CSci 591, Directed Studies*, to regular grading
3. Consideration of a request by the Counseling department to:
  - a. Delete *COUN 503, Counseling in Community Agencies*
  - b. Delete *COUN 567, Assessment of Cognitive Abilities and Personality*.
  - c. Change the credits and course description for *COUN 510, Counseling Methods*
  - d. Change the course description for *COUN 515, Methods of Research*
  - e. Change the prerequisite for *COUN 516, Counseling Research Laboratory*
  - f. Change the course description for *COUN 518, Group Dynamics*
  - g. Change the course description for *COUN 519, Career Counseling*
  - h. Change the title of *COUN 530 to Theories of Counseling, Personality and Development*, and change the course description
  - i. Change the title of *COUN 531 to Psychology of Women, Gender and Development*, and change the course description
  - j. Change the title of *COUN 533 to Couples and Family Counseling*, and change the course description.
  - k. Change the course description for *COUN 540, Career Counseling Theories*
  - l. Change the prerequisites for *COUN 550, 551, 560, and 580*
  - m. Change the course description for *COUN 590, Problems in Counseling*
  - n. Add a new course, *COUN 501, Ethics and Professional Issues in Counseling*
  - o. Add a new course, *COUN 568, Personality Assessment*
  - p. Add a new course, *COUN 569, Cognitive Assessment*
  - q. Change the program requirements for the Ph.D. in Counseling Psychology
  - r. Change the program requirement for the Master of Arts in Counseling
4. Consideration of a request by the School of Medicine to:
  - a. Add a new course, *BIMD 500, Cellular and Molecular Foundations of Biomedical Science*
  - b. Add a new course, *BIMD 510, Basic Biomedical Statistics*
  - c. Add a new course, *BIMD 512, Seminars in Biomedical Sciences*
  - d. Add a new course, *BIMD 513, Seminars in Biomedical Sciences*
  - e. Delete *Bich 510, Research Tools*
  - f. Delete *Bich 500, Survey of Biochemistry and Molecular Biology*
  - g. Delete *Bich 501, Principles of Biochemistry and Molecular Biology*
  - h. Delete *Anatomy 520, Cellular and Molecular Biology*
  - I. Delete *Anatomy 520R, Cellular and Molecular Biology Recitation*
  - j. Change the title for *Anatomy 518 to Developmental Biology and Human Embryology*, change the credits, the prerequisite, and the course description
  - k. Change the course description for *Anatomy 522, Neuroscience*
  - l. Change the credits and course description for *Anatomy 515, Histology*
  - m. Change the program requirements for the master of science degree in Anatomy and Cell Biology
  - n. Change the program requirements for the Ph.D. in Anatomy and Cell Biology

5. Consideration of a change in Graduate School policy regarding :
  - a. Academic Standards
  - b. Off Campus Courses
6. Profile of the Graduate School and Annual Report
7. Matters arising.

-- Harvey Knull, Dean, Graduate School.

**Mary Jane Schneider To Present Faculty Lecture Jan. 26**

Indian Studies Professor Mary Jane Schneider is the third lecturer in the 1998-99 UND Faculty Lecture Series. Her presentation, "Crossing Cultural Boundaries: Indian Women in the Great Lakes Fur Trade" will begin at 4:30 p.m. **Tuesday, Jan. 26**, at the North Dakota Museum of Art. The lecture will be preceded by a social hour at 4 p.m.

Upcoming speakers in the 1998-99 series include Jacquelyn McElroy-Edwards, Professor and Chair of Visual Arts, "Elevators, Drains, Balloons, and Ships: Ingredients for a North Dakota Artist," **Tuesday, Feb. 23**; Gordon Iseminger, Professor History, "Dr. Orin G. Libby: The Father of North Dakota History and 'The University's Grand Old Man,'" **Tuesday, April 13**.

Mary Jane Schneider has been at UND for 25 years. She has been honored by Phi Sigma Iota, received a Sigma Xi Award, a National Science Foundation Graduate Fellowship, and has been named a Chester Fritz Distinguished Professor. Schneider's list of published works is extensive, and encompasses a wealth of knowledge on Plains Indians including their art, family, and traditional gender roles. Schneider is a member of the American Ethnological Society; the Central State Anthropological Society; the Plains Anthropological Society; the American Association of Museums; the International Council for Museums, committee on Museum Ethnography; the Council for Museum Anthropology; and the American Association of University Professors.

The Faculty Lecture Series was active from 1954 to 1988 and was resurrected in 1997. In the past 35 years, over 160 faculty members have delivered talks about their work to colleagues, students and friends as a part of the University's most venerable lecture series. The goal of this lecture series is to enhance UND's academic atmosphere by showcasing the scholarly lives of several faculty selected from across campus. The lectures aim to present, with depth and rigor, the scholarly questions and goals of the individual faculty members. The series is funded through the UND President's Office.

-- Bill Sheridan (Biology) for the Faculty Lecture Series Committee.

**"Creativiteam" To Speak On Multicultural Issues And Team Building**

Doug Cureton, of Creativiteam, will offer several highly energetic and interactive sessions around the exploration of cultural identities as well as methods for involving members in organizations through innovative team-building exercises **Wednesday, Jan. 27**. The seminars are co-sponsored by the Multicultural Awareness Committee (MAC) and the Memorial Union.

Student Outreach Services is encouraging its members to attend the session entitled "Creativiteam Building" that morning at 9 a.m. in the River Valley Room at the Memorial Union. At noon, Doug will begin informal group discussions on multicultural issues in the first floor lobby area of the Memorial Union. The main session at 6 p.m. in the

(next page)

### Multicultural Issues and Team Building, continued

Memorial Union Ballroom will further examine the diverse backgrounds of others. Topics will include self-awareness, defining multiculturalism, and the Sioux logo.

All sessions are open to the public. Faculty, staff, and students are highly encouraged to attend. -- *Susan Johnson, Coordinator, Student Organizations.*

### Videoconference Will Discuss Fostering Racial Understanding

The Cultural Awareness committee and TRIO's McNair Program are sponsoring a live, interactive videoconference titled "How to Talk About Race: What Can Higher Education Do to Foster Racial Understanding?" **Wednesday, Jan. 27**, from noon to 2 p.m. in the Memorial Union Lecture Bowl. PBS and AAC&U will produce a national town meeting live via satellite to focus on bringing campus and community leaders together to examine America's racial history, current race relations and opportunities for racial reconciliation (see: [www.pbs.org/als/race](http://www.pbs.org/als/race)). All interested persons are encouraged to attend. -- *Bridget Drummer, Coordinator for Academic Support, Native American Programs.*

### Critical Thinking Seminar Registration Due

At the Thinking About Critical Thinking Seminar **Friday, July 29**, from 8:15 a.m. to 4:15 p.m. at the Holiday Inn, faculty and students will have an opportunity to discuss the kinds of thinking that we see (or fail to see) in student papers. We'll read sample papers from across a range of disciplines and levels, and use those as the basis for a discussion about the thinking we want to see in student writing, how we recognize thinking when it occurs, and what we as faculty can do to elicit the critical thinking that we'd like to see. Finally, we'll consider how disciplinary conventions influence the ways we — and our students — think about critical thinking.

Registrations for this seminar are due by **Wednesday, Jan. 27**. To register, call the WAC Office at 777-3600 or respond by e-mail to [hawthorn@badlands.nodak.edu](mailto:hawthorn@badlands.nodak.edu). You may sign up for the entire day, or for just the morning or afternoon. -- *Joan Hawthorne, WAC Coordinator.*

### Four Graduates Featured At 12th Annual Hultberg Lectureship

"UND College of Business and Public Administration: 75 Years of Helping Women Students Prepare for a Changing World" is the theme of the 12th annual Hultberg lectureship panel that will be held **Tuesday, Feb. 2**, at 7:30 p.m. in the Fred Orth Lecture Bowl, Memorial Union.

The panel features four women graduates of the UND College of Business and Public Administration: Sherri Eriksrud, manager of the Southdale Daytons store in Minneapolis, Minn.; Theresa Wickman Knutson, director of Finance, Gateway 2000 Inc., North Sioux City, S.D.; Candace Mayer Muggerud with US Bank in Bismarck, N.D.; and Darla Romfo, staff member of Louisiana senator John Breaux in Washington, D.C.

The Hans and Susanna Hultberg Lectureship was established by their daughter, Clara Anderson, through the University of North Dakota Foundation. Clara graduated from the UND College of Business and Public Administration in 1928. -- *Pamela Imperato (College of Business and Public Administration), for the Hultberg Lectureship.*

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### New Freshmen Advisement Dates Set

The dates for "Getting Started '99" (advisement and registration for new freshmen for the fall semester) have been set. The Presidential Scholars will come to campus for advisement and registration on June 16 and 17. The Outstanding High School Leadership Award recipients will register June 21-22. The Getting Started Program will run from June 23 through July 23, including the Saturday of July 10. The program will not operate on July 2 and 5. Beginning in late April, new freshmen for fall semester 1999 and their families will be invited to participate in the one-day program. Daily activities include academic advisement, math and foreign language placement testing, registration for the fall semester and activities to orient students to campus.

Please assist us in keeping up-to-date by letting us know of any departmental, program, curriculum or policy changes. Questions or comments can be addressed to me. -- *Lisa Burger, Student Academic Services, 777-4706.*

### Individuals, Organizations Honored At MLK Awards Banquet

Nine individuals and four organizations were honored for service to Greater Grand Forks, UND and Humanity at the Second Annual Dr. Martin Luther King Jr. Awards Banquet at the University of North Dakota's International Centre Friday, Jan. 15 (Martin Luther King Jr.'s birthday).

In addition to the awards ceremony, the banquet featured a talk by Bernard Boozer, a professor at the State University of New York at Oswego. Dr. Boozer is an outspoken author and lecturer noted for his 1995 debate with Dr. Charles Murray, author of "The Bell Curve." Dr. Boozer challenges the book's statements concerning social, racial, and economic issues. He received his M.S. from East Texas State University and earned his doctorate from Syracuse University in 1978. His publications include "An Alternative to Intelligence Testing for Minority Children" and "Little Black Sambo Revisited."

The 1999 Martin Luther King Jr. Awards were presented in five categories:

*Service to Greater Grand Forks:* Fred Lee More, UND student; The Organization of Latin Americans at the Grand Forks Air Force Base

*Service to UND:* Larry Donald Tillman, UND student; Homer L. Randle III, UND student; Dr. Kendall Baker, UND President; and the University Apartment Programming Board.

*Service to the Spiritual Life in the Greater Grand Forks Community:* DelRae Meier and Tamar Read.

*Service to the Spiritual Life on the UND Campus:* Staff at Christus Rex Campus Lutheran Center; and Lee Roy Saunders, UND student.

*Service to Humanity:* Cheryl E. Saunders, UND student; and UND African American Cultural Association.

An additional award, the Second Annual Era Bell Thompson Award, was presented to the family of Clayton Bull, Student Service Officer with the MARC (Minority Access to Research Careers) Program at UND. Bull was well liked and respected on campus and in the community for his tireless yet soft-spoken approach to diversity issues. He died of natural causes at his office Monday, Jan. 4. He was 39. (next page)

### Martin Luther King Jr. Awards Banquet, continued

The Martin Luther King Jr. Awards Banquet, "Black and White Together: Myth or Reality?" was sponsored by UND Multicultural Student Services in conjunction with the UND Cultural Awareness Committee and the UND Black History Month Committee. -- *M.C. Diop, Director, Multicultural Student Services.*

### Deceased Status Clarified On W-2s

The Payroll Office has received a few questions regarding the "X" that appears between the Deceased and the Approved Pension Plan boxes on the 1998 W-2 Forms. This "X" is to indicate that you participated in an approved pension plan for 1998, **NOT** that you are deceased. The W-2 forms changed from last year and the HECN had not made the necessary modifications prior to many of the NDUS institutions printing their W-2s. All of the information was reported correctly when it was transmitted to the Social Security Administration by magnetic tape. If you have any other questions, please contact the Payroll Office at 777-4226. -- *Pat Hanson, Director, Payroll.*

### Tax Forms Available

The Payroll Office, 314 Twamley Hall, has a limited supply of Minnesota, North Dakota, and federal income tax forms available for employees' use. -- *Pat Hanson, Director, Payroll.*

### Study Volunteers Sought

Participants are needed for a study examining parents' attitudes regarding different treatments for children with illnesses. Participants must be parents of children under the age of 18. Participation takes no longer than 15 minutes and is completed by mail. Participants will be paid for their time. If you are interested in participating, please contact me. -- *Andrea Zevenbergen, Psychology, 777-3017.*

### Memorial Union Operating Hours Listed

Normal operating hours for the Memorial Union from Jan. 4 through May 7 are:

*Lifetime Sports:* Monday through Friday, 9 a.m. to 11 p.m.; Saturday, 11 a.m. to 11 p.m.; Sunday, noon to 11 p.m.

*Info/Service Center:* Monday through Friday, 8 a.m. to 9 p.m.; Saturday, 10 a.m. to 9 p.m.; Sunday, noon to 9 p.m.

*Copy Stop:* Monday through Thursday, 8 a.m. to 7 p.m.; Friday, 8 a.m. to 5 p.m.; Saturday and Sunday, closed.

*Union Food Court,* Monday through Friday: Juice Works, 7 a.m. to 7 p.m.; Subway and TCBY, 9 a.m. to 11 p.m.; Little Caesars, 10 a.m. to 11 p.m.; Saturday: Juice Works, Subway and TCBY, 10 a.m. to 11 p.m.; Little Caesars, 11 a.m. to 11 p.m.; Sunday: Juice Works, Subway, TCBY and Little Caesars, 11 a.m. to 11 p.m.

*Bookstore:* Monday through Friday, 8:30 a.m. to 5 p.m.; Saturday, 11 a.m. to 3 p.m.; Sunday, closed.

*Administrative Office:* Monday through Friday, 8 a.m. to 4:30 p.m.; Saturday and Sunday, closed.

*Craft Center/Sign Design:* Monday through Thursday, 9 a.m. to 8:30 p.m.; Friday, 9 a.m. to 4:30 p.m.; Saturday and Sunday, 1 to 4:30 p.m. (closed weekend May 1-9).

*Dining Center:* Monday through Friday, 7 a.m. to 7 p.m.; Saturday and Sunday, closed.

*Barber Shop:* Monday through Friday, 8:30 a.m. to 5:30 p.m.; Saturday and Sunday, closed.

*University Learning Center:* Monday through Friday, 8 a.m. to 4:30 p.m.; Saturday and Sunday, closed.

*Union Station:* Monday through Friday, 8 a.m. to 4:30 p.m.; Saturday and Sunday, closed.

*Passport I.D.:* Monday through Friday, 8 a.m. to 4:30 p.m.; Saturday and Sunday, closed.

*Credit Union:* Coming soon.

*Computer Lab:* Monday through Thursday, 8 a.m. to 12:45 a.m.; Friday, 8 a.m. to 10:45 p.m.; Saturday, 10 a.m. to 10:45 p.m.; Sunday, noon to 12:45 a.m.

*Building Hours:* Monday through Thursday, 7 a.m. to 1 a.m.; Friday, 7 a.m. to 11 p.m.; Saturday, 8 a.m. to 11 p.m.; Sunday, 11 a.m. to 1 a.m.

-- *Marsha Nelson, Facilities Coordinator, Memorial Union.*

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## Grants and Fellowships

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### Grant Writing Seminars To Be Held

The Division of Continuing Education will hold grant writing seminars in four cities in January and February. The seminars will be held **Tuesday, Jan. 26**, in Bemidji, Minn.; **Thursday, Jan. 28**, in Grand Forks; **Thursday, Feb. 18**, in Mandan; and **Friday, Feb. 19**, in Carrington, N.D.

The program is designed to help beginning grant writers learn the key ingredients of successful grant writing in the competition for funding. The one-day workshop will explain the basic guidelines for grant proposal planning, development, and follow-up and identify funding sources through "hands-on" exercises.

For more information contact Dawn Botsford at 777-2663. -- *Division of Continuing Education.*

### Research, Grant Opportunities Listed

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

#### CANCER RESEARCH FOUNDATION OF AMERICA (CFA)

Research and Educational Grants of up to \$35,000 for one year (with opportunity for renewal) provide support for cancer prevention researchers at the instructor or assistant professor level; to more senior researchers who have shifted their area of interest toward primary and secondary cancer prevention; and creative or innovative approaches to cancer prevention research. Telephone inquiries for further information are not encouraged.

Research Fellowships provide \$30,000/year, usually for 2 years, to support training for post-doctoral researchers who wish to pursue a career in cancer prevention. Support should be requested by a Principal Investigator on behalf of a designated candidate. Fellows may apply for renewal for one additional year. Salary support for individuals above or below the postdoctoral level of experience/training should be requested as a grant rather than a fellowship. Fellows must take one course/year in one of the following doctoral

(next page)

**Research, Grant Opportunities Listed**

programs in an area in which candidate has not received prior training: biostatistics, epidemiology, health promotion, nutritional science, public health, and behavioral science. Preclinical research is acceptable, but it must be prevention oriented and clearly identifiable as translational.

Researchers need not be U.S. citizens; however, all research must be conducted in the U.S. Grants will be considered in the following categories: basic, clinical, translational and applied research projects and fellowships; education programs in cancer prevention and control; and early detection projects. Priority will be given to research projects which may lead directly to reducing the incidence of cancer and primary and secondary prevention research on breast, cervix, colon, lung, prostate and skin cancers. **Contact:** 703/836-4412; fax 703/836-4413; <http://www.preventcancer.org>. **Deadlines:** 3/1/99, 9/15/99.

**ORGANIZATION OF AMERICAN STATES (OAS)**

Regular Training Program—PRA Fellowships fund graduate study or research in any field (except medical sciences and introductory language studies) which will further the economic, social, scientific, and cultural development of Member States of the OAS. Duration ranges from 3 months to 2 years. Candidates must be citizens or permanent residents of OAS Member States, should hold a university degree or have demonstrated the ability to pursue advanced studies in the field chosen, and must know the language of study of the host country. Awards are tenable at any member country with the exception of the country of which the candidate is a citizen or permanent resident. **Deadline:** Varies with applicant's home country; contact administering institution in home country. **Contact:** 202/458-3000; [info@oas.org](mailto:info@oas.org); <http://www.oas.org>.

**DEPARTMENT OF AGRICULTURE (USDA)**

Research Grants provide up to 5 years of support for research on agricultural systems, including aquaculture, forestry, and a diversity of supporting natural resource elements such as soils, surface water, groundwater, wildlife, and the atmosphere. Funding will be provided to support systems research that has the potential to aid in the development and/or evaluation of national, regional, community, and/or producer level practices and policies that will sustain: a safe and adequate supply of agricultural products and services, environmental quality and the natural resource base, human health, the economic viability and quality of life of rural communities, and address linkages between urban and rural areas. Proposals must clearly demonstrate integration of systems components (e.g., field-farm-watershed, animal-ranch-community, producer-processor-consumer) across multidisciplinary lines of endeavor (e.g., ecology-economy-sociology, animal condition-management structure-environmental quality) and should address human management of agricultural systems and the means to improve those systems. Submissions are expected to integrate parameters relevant to the research topic (e.g., physical, biological, environmental, social, economic, management). Proposals that incorporate innovative methods for evaluating and comparing the impact of systems or emphasize a systems approach applied to small and mid-sized farm and land management issues are encouraged. The Program supports more applied projects that address the needs of small and mid-sized animal, agricultural, aquatic, range, wildlife, and forest systems owners and managers. A portion of funds available will be set aside as Strengthening Awards for faculty members who have not been successful in obtaining a competitive grant from the

sponsor within the past 5 years, and who are at institutions from EPSCoR states (including North Dakota). Applicants are encouraged to contact the Program Director. **Deadline:** 2/15/99. **Contact:** Tim Strickland, Program Director, 202/401-1950; [tstrickland@reeusda.gov](mailto:tstrickland@reeusda.gov); [psb@reeusda.gov](mailto:psb@reeusda.gov); <http://www.reeusda.gov/nri>.

Other Strengthening Awards include the following Seed Grants provide up to \$50,000 over 2 years for investigators to collect preliminary data in preparation for applying for a research grant from the USDA. Research Career Enhancement Awards provide funding for sabbatical leave, with one year's salary plus supplies. Proposed research must be in one of the following areas of interest: Natural Resources and the Environment; Nutrition, Food Safety, and Health; Animals; Pest Biology and Management; Plants; Markets, Trade, and Rural Development; Enhancing Value and Use of Agricultural and Forest Products; or Agricultural Systems Research. Equipment Grants provide funds to purchase one major piece of equipment within the cost range of \$10,000-\$250,000; the amount requested shall not exceed 50% of this cost or \$50,000, whichever is less. Requests for computer equipment will be considered only if the equipment is to be used specifically for scientific purposes and is carefully justified. This program is intended to help fund items of equipment that will upgrade the institution's research infrastructure, rather than replace requests for equipment in individual research projects. Arrangements for sharing equipment among faculty are encouraged; however, it must be evident that the principal investigator is a principal user of the requested equipment. **Deadline:** 2/15/99. **Contact:** Program Directors, 202/401-5042, [llin@reeusda.gov](mailto:llin@reeusda.gov), or 202/401-1952, [jconrad@reeusda.gov](mailto:jconrad@reeusda.gov); [psb@reeusda.gov](mailto:psb@reeusda.gov); <http://www.reeusda.gov/nri>.

**NATIONAL CENTER FOR RESEARCH RESOURCES (NCRR)**

Shared Instrumentation Grants provide up to \$500,000 for the acquisition and updating of expensive shared-use instruments that are not generally available through other NIH mechanisms. Instruments must cost at least \$100,000 per instrument or system. Support is provided for state-of-the-art instruments utilized in both basic and clinical research. Instrumentation supported includes, but is not limited to, nuclear magnetic resonance systems, electron and confocal microscopes, mass spectrometers, protein and DNA sequencers, biosensors, x-ray diffractometers, and cell sorters. Proposals for "stand alone" computer systems will only be considered if solely dedicated to the research needs of a broad community of NIH-supported investigators. A major user group of 3 or more investigators who will be Principal Investigators on NIH peer-reviewed research support at the time of the award must be identified. The application must show a clear need for the instrumentation by projects supported by multiple NIH research awards, and must demonstrate that these projects will require at least 75% of the total usage of the instrument. **Deadline:** 3/20/99. **Contact:** Marjorie A. Tingle, Ph.D., 301/435-0772; fax 301/480-3659; [SIG@NCRR.NIH.GOV](mailto:SIG@NCRR.NIH.GOV); <http://www.ncrr.nih.gov>.

**SOCIETY OF COSMETIC CHEMISTS (SCC)**

Two-year graduate research fellowships of up to \$20,000/year provide student stipends and support for dissertation research relevant to cosmetic sciences for up to 2 years. Research may lead to doctoral degrees in, e.g., the physical, chemical, biological, medical, pharmaceutical, or behavioral sciences or in engineering. Applicants must pass the Ph.D. proposal examination before funds will be made

**Research, Grant Opportunities Listed**

available, must be full-time students, and are expected to devote full time to research. **Deadline:** 2/1/99. **Contact:** Bill Devita, 212/668-1500; fax 212/668-1504; societycoschem@worldnet.att.net.

**OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION (ORISE)**

The Professional Internship Program at Federal Energy Technology Centers in Pittsburgh, Pa., and Morgantown, W.Va. provides opportunities to participate in fossil energy-related research. Disciplines funded include: chemistry, computer science, engineering, environmental sciences, geology, mathematics, physics, statistics.

The program at the Oak Ridge National Laboratory (Tenn.) provides opportunities to participate in energy-related research at Oak Ridge and sites of the Hazardous Waste Remedial Actions Program. Disciplines funded include: chemistry, environmental sciences, geology, hydrogeology, hydrology; chemical engineering, civil engineering, environmental engineering, mechanical engineering; computer sciences (technical database development).

The program at the Savannah River Site (Aiken, S.C.) provides opportunities to participate in energy-related and environmental research. Disciplines funded are: chemistry, computer sciences, engineering, environmental sciences, geology, physics.

Eligible applicants for the above programs are undergraduate students, postbaccalaureates, graduate students; U.S. citizens or permanent residents. Internships provide a weekly stipend of \$250-\$375, limited travel reimbursement, and off-campus tuition and fees if required by the home institution. Duration is 3-18 months (full- or part-time). **Deadlines:** 2/15/99, 6/1/99, 10/1/99. **Contact:** Kathy Ketner, ketnerk@orau.gov, 423/576-3426; or Cheryl Terry, terryrc@orau.gov, 423/576-3427; <http://www.orau.gov/orise/educ.htm>.

The Law Internship Program provides opportunities to participate in research on legal aspects of energy-related techniques and procedures, national energy-related problems and efforts related to their solutions at the Oak Ridge National Laboratory or Savannah River Site. Disciplines supported are environmental and patent law. Eligible participants are law students who have completed their first year; U.S. citizens and permanent residents eligible for Oak Ridge National Laboratory; U.S. citizens eligible for the Savannah River Site. Duration is 3 months during the summer; some appointments during the academic year. Grants provide a weekly stipend of \$465-\$580 and a limited travel reimbursement. **Deadline:** 2/15/99. **Contact:** See above.

The University Coal Research Internship provides an opportunity to participate in coal-related research in an on-campus, graduate-level research environment. Disciplines funded include: biology, chemistry, engineering, environmental sciences, geology, physics, related scientific disciplines. Eligible applicants are rising college seniors enrolled at an institution that does not grant graduate degrees in the applicant's major; U.S. citizens or permanent residents. An appointment will be served for 10 weeks during the summer at a host university under the guidance of a principal investigator who has an active university coal research grant from the DOE's Federal Energy Technology Center at Pittsburgh, Pa. Benefits include a weekly stipend of \$225 and a limited travel reimbursement. **Deadline:** 2/12/99. **Contact:** See above.

**DEPARTMENT OF ENERGY (DOE)**

The Next Generation Internet (NGI): Research in Basic Technologies Program funds innovative, fundamental networking research to support DOE-specific activities that include, but are not limited to, very high speed interfaces to connect devices to networks; protocols and techniques for coordinating multiple, heterogeneous network-attached devices; software to allow applications to adapt to changing network conditions; and network performance characterization. The NGI initiative is a multi-agency Federal research and development program that is developing advanced networking technologies, developing revolutionary applications that require advanced networking, and demonstrating these capabilities on testbeds that are 100-1,000 times faster end-to-end than today's Internet. Partnerships among academia, industry, and governments are encouraged. Research will focus on developing network-aware middleware and application friendly tools and capabilities for its applications, as well as continuing research in high speed end system interfaces, network management, and differentiated services. Particularly encouraged is research in congestion and flow control techniques to provide applications with easy-to-use tools, capabilities, and interfaces that make efficient use of advanced infrastructure. Annual budgets are expected to range from \$200,000-\$300,000 for up to 3 years. Preapplications are strongly encouraged but not required prior to submission of a full application. **Deadlines:** 2/12/99 (Preapplication), 3/31/99 (Formal Application). **Contact:** Dan Hitchcock, 301/903-6767; fax 301/903-7774; [hitchcock@er.doe.gov](mailto:hitchcock@er.doe.gov), <http://www.er.doe.gov/production/grants/grants.html>.

**NATIONAL CENTER ON ADULT LEARNING (NCAL)**

The Practitioner-Based Research Program supports research to improve the effective practice of adult learning with the goal of improving the theory of adult learning. Proposals are invited from teaching faculty, advisors, counselors, graduate students, program administrators, and staff. Awards range from \$1,500-5,000 for up to 18 months. In 1999 NCAL will support several fellowship awards on the topic of Adult Learning and Higher Education: Keys to Student Success. NCAL supports proposals that recognize and support the learner in the educational process and contribute to the enhanced outcomes for the learner. Proposals are encouraged that address how adult educators can better understand and use the information about learning styles, individual differences, ways of knowing, age, gender, race, class, ethnicity, and prior learning. Additional perspectives on the basic research question include, but are not limited to: adult learners' view of their learning; faculty practices; peer groups and the at-risk adult learner; and exploratory and qualitative approaches to generate hypotheses and insights about the dynamics of learning and teaching. **Deadline:** 4/5/99. **Contact:** Judy Richards, 518/587-2100 x287; fax 518/587-4382.

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

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## Arts and Entertainment

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### Master Chorale Presents *Folk On The Red*

*Folk on the Red*, an annual festival of cultural heritage in song, will take place at 3 p.m. **Sunday, Feb. 7**, at United Lutheran Church, 324 Chestnut St. The Grand Forks Master Chorale and the Grand Forks Sixth Grade Honor Chorus will be joined by guest song leader Nick Page, in a return appearance at the event. Page, the founder of the Mystic Chorale in Massachusetts, is a conductor, teacher, composer, author and specialist in multicultural music.

In a 1997 visit to Grand Forks, Nick Page led singing at *Folk on the Red* and gave programs in local schools. The response of singers, audience, teachers and students was so enthusiastic that plans for his return began almost immediately. In addition to school programs and the concert appearance, Page will present several sessions for teachers at the state convention of the American Choral Directors Association.

The *Folk on the Red* program will include a group of spirituals featuring soloist Cheryl Saunders and a collection of well-known American folk songs. The concert will be followed by a reception featuring foods prepared by cultural heritage groups from the region.

A related event is the showing of *Faces of Identity, Hands of Skill*, an exhibition of folk art by 12 North Dakota cultural groups, sponsored by the North Valley Arts Council at the Empire Arts Center, through Feb. 9, with an open house **Saturday, Feb. 6**, from 9 a.m. to 3 p.m.

Tickets to Folk on the Red will be sold at the door (adults, \$8, students, \$5). -- *Ruth Marshall, Grand Forks Master Chorale.*

### Women's Center Lists Programs

The **Wednesday, Jan. 27**, Feast and Focus program at noon in the Women's Center, 305 Hamline St., will feature Sherry O'Donnell, English, discussing feminism. Feel free to bring your lunch with you. -- *Donna Oltmanns, Coordinator, Women's Center.*

### Newman Center Plans Presentation

Do you find yourself exposed to sexuality in the media, Internet, and printed material, yet feel there has to be something deeper, more fulfilling than what it has to offer? Chastity teaches the person, body and soul, to accept others, to relate with them, while respecting their dignity in diversity. It matures the human heart and fills it with peace.

The *Gift of Sexuality* will be explored in a four-part presentation **Sunday, Feb. 7**, from 6:30 to 9:30 p.m. in the Red River Valley Room, Memorial Union. Questions addressed by professionals from the area will be: What is the natural design of sexuality? Are there benefits to living a chaste life? Is there anything wrong with premarital sex? How does one deal with the issue of sex while dating? Do birth control pills and STDs affect my body, my relationships, and my sexuality? This event, sponsored by St. Thomas Aquinas Newman Center, is free and open to the public. -- *Father Raymond Courtright, Pastor, St. Thomas Aquinas Newman Center and Parish.*