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UNIVERSITY LETTER

UNIVERSITY OF NORTH DAKOTA AT GRAND FORKS

Volume 36, Number 41: July 23, 1999

Road Closed For Paving

The intersection of University Avenue and Campus Road at Clifford and Odegard Halls will be closed from Thursday, July 22, through Saturday, July 24, for resurfacing. This schedule may change due to weather conditions.

Faculty Invited To March In Commencement

All faculty members, whether or not they have summer appointments, are invited to march in the processional for Summer Commencement on **Friday, July 30**. Participating faculty will march in full academic regalia and will be seated on the stage. The ceremony will begin at 4 p.m. in the Chester Fritz Auditorium. Faculty will assemble in the lower level of the Auditorium. Please arrive by 3:30 p.m. so that the green gown commencement marshals may guide you to your place in the processional.

If you wish to participate in the processional, please call Rita Galloway at 777-4194 so that we may have a reasonably accurate count for planning.

Faculty are invited to join the graduates and their well-wishers at a reception on the Auditorium's south lawn after the ceremony. In case of bad weather, the reception will be held in the Auditorium's lower level.

I hope that you can join us. Although extensive work continues with the steam line replacement project in the central campus, the area around the Chester Fritz Auditorium will not be affected at this time, and access should not be a problem. Even with the construction activities, the warm weather makes summer commencement a particularly enjoyable event. I look forward to sharing this special occasion with you. -- *Charles Kupchella, President.*

Baker Accepts New Presidency

Former President Kendall Baker, who resigned from UND June 30, has accepted the presidency of Ohio Northern University in Ada. He signed a three-year contract just 10 days after his resignation at UND took effect, and begins his new job Sept. 1.

Ohio Northern University is a private, liberal arts college affiliated with the United Methodist Church. With an enrollment of about 3,000 students, ONU offers more than 50 majors and awards 12 degrees. It has 220 faculty members, \$225 million in assets and an endowment of more than \$105 million. Student/faculty ratio is 13 to 1. -- *Jan Orvik, Editor, with information from the Grand Forks Herald.*

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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University Letter Lists Summer Schedule

The *University Letter* will be published every other week during the summer. Following are the publication dates: July 23, Aug. 6, 20, 27. The deadline for article submission remains at 1 p.m. the Tuesday before you wish the article published. Articles will be run only once due to space and budget constraints.

If you will be away for the summer and wish to suspend your paper or electronic subscription until fall, please contact me. -- *Jan Orvik, Editor, University Letter, 777-3621, jan_orvik@mail.und.nodak.edu.*

New Faculty Tour Set For Aug. 16-17

Attention, department chairs: The 10th annual New Faculty Tour of North Dakota is set for **Monday and Tuesday, Aug. 16-17**. Underwritten in part by the UND Alumni Association, this bus tour offers a low-cost opportunity for new faculty and professional staff to experience small-town and rural North Dakota, visit the Capitol and State Heritage Center, talk to residents — including Native Americans — and learn more about the values, challenges and opportunities of our state. Seating is limited, so priority will go to new full-time faculty members and new full-time professional staff. Current faculty members and professional staff are eligible to join on a space available basis; they should contact the Vice President for Student and Outreach Services Office at 777-2724 as soon as possible to be placed on a waiting list. Invitations will be mailed to the “new hires” identified by the Academic Affairs office. The assistance of departmental chairs is requested in encouraging participation. -- *Fred Wittmann, Assistant to the Vice President for the Division of Student and Outreach Services.*

Construction Progress Detailed

- ♦ The Abbott to McCannel walkway should open this month.
- ♦ The Medical School Family Practice Center will be located on the Bronson property, across Sixth Avenue north of the Medical School. Construction and completion of this building is being planned for the year 2000.
- ♦ The Smith Hall basement, which was previously occupied by the Smith Hall dining center and badly flooded, has been cleaned out. We are awaiting the restoration and design that will be completed by Foss Associates in Fargo. Construction is anticipated for the winter of 1999. -- *Mary Ann Olson, Facilities.*

Steam Heat Line Progress Updated

With good weather and only a few surprises in the ground, Lunseth Plumbing and Heating officials say they should be out of the center of campus — from Twamley Hall east to the Hyslop Sports Center and north to University Avenue — by the first day of the fall semester.

Rain has hampered progress on the steam heat lines replacement project. It rained 20 of the first 60 days of the project. The rain has cost the project in down time and also in time lost to post-rain cleanup. Underground obstacles such as unmarked and unmapped pipes and cables have also caused problems. Lunseth officials anticipate finding unmarked infrastructure in the quad bordered by McCannel, Witmer, Upson and Education (among other buildings), and therefore anticipate slower digging in this area.

Lunseth officials said they continue to be concerned about safety issues and ask UND faculty and staff to try to stay out of construction areas as much as possible. They said operators of payloaders and other large equipment are safety conscious, but said the size of some of the machinery makes it difficult for the operators to see everything. Larry Zitzow, Facilities director, is asking departments to use Mailing Services as much as possible to deliver and pick up mail.

Here are some key points from the construction update:

- ♦ Most of the work in the mall in front of Twamley Hall should be completed by Tuesday, including pouring sidewalks and resodding the grass. Only the manhole will be left to finish.
- ♦ The Memorial Union will be without steam for at least one day when it is connected to the new system. It isn't yet known just when that will be.

- ♦ Lunseth Plumbing and Heating will lay the steam heat line across University Avenue north of the Memorial Union in early August. At that time a short stretch of University Avenue will be out of commission for at least three days. This is a critical part of the project. Although some trenches will be cut north of University Avenue before the early August crossing, little other work can be completed on the north end of campus until the pipe is actually laid across University Avenue. The pipe will establish elevation levels. Lunseth Plumbing and Heating has established anticipated elevation levels, but obstacles under the road could change those levels.
- ♦ The east link of Centennial Drive should be open to traffic by the end of next week.
- ♦ With the exception of the north east corner, the Upson parking lot should now be available for parking.
- ♦ The Swanson parking lot will be closed for about three weeks starting Aug. 1. It will be available for use before the start of the fall semester.

Faculty Ambassadors Initiate New Freshman Program

The Faculty Ambassadors are proud to announce the occurrence of the 1999 Great Beginnings Program. This is a one-and-a-half day experience that will occur Wednesday through Friday, Aug. 18-20. The purpose of the experience is to allow beginning freshman to work in small groups of 12 to 15 students with a faculty member and student mentor to learn more about academic life at UND. The students will explore the topic of gender through readings, lectures, small group discussions, and library resources.

The goal of the program is to give students an early brief exposure to the intellectual challenges of college, how to take effective lecture notes, and to become familiar with academic resources in the library and other technologies available on campus.

Planning for the program began in December of 1999, and was undertaken with the full support of Interim Provost John Eitling and Assistant Provost Sara Hanhan and in consultation with Libby Rankin of Instructional Development and Cathy Buyarski of Student Academic Services. We are excited about this pilot project and view the program as a small step in the development of a series of activities to enhance retention at the University of North Dakota. If you have any questions about the program please call me at 777-3260. -- *Tom Petros (Psychology), for the Faculty Ambassadors.*

Events to Note

All Invited To Appear In United Way Video

So you want to be in pictures? You'll have your chance on **Friday, July 23**. The United Way is producing a video and wants to feature its largest contributor, the University of North Dakota. Pat Berger, United Way director, hopes as many UND staff and faculty as possible will show up at the Adelphi Fountain on the banks of the English Coulee on Friday, July 23, at 1:15 p.m. UND is the United Way's largest local contributor, so the more people who show up for the group shot Friday, the better.

See you Friday, 1:15 by the fountain. -- *Jan Orvik, Editor, for the United Way.*

Doctoral Exam Set For Leslie Rowan

The final examination for Leslie Rowan, a candidate for the Ph.D. degree with a major in Psychology, is set for 2 p.m. **Monday, July 26**, in 210 Corwin-Larimore Hall. The dissertation title is "The Effects of Child Diagnosis on Teachers' Judgements of Treatment Acceptability of Classroom Interventions." Andrea Zevenbergen (Psychology) is the committee chair.

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

Northern Lights Forum Will Examine Cost Of Higher Ed

Northern Lights Public Radio, in cooperation with UND's AeroSpace Network, continues its series of education forums to encourage open discussion on issues in education today. The noon program **Friday, July 30**, on 1370 AM, will examine the cost of higher education, explore how students are financing a degree and discuss how institutions are handling the costs to provide those degrees. We will talk with area educators about the financial trends in higher education and the differences in the cost of education at institutions throughout the region. We will also discuss alternatives to traditional methods of higher education and new financial opportunities to make those methods more accessible.

Special in-studio guests include Robert Boyd, Vice President of UND Student and Outreach Services, and Ellen Chaffee, President of Mayville State and Valley City State Universities. Gerald Combee, President of Jamestown College, will join the discussion via phone from Jamestown. The education forums are hosted by Northern Lights' Hilary Bertsch and UND AeroSpace Network's Cheryl Diermyer. Listeners from across the UND and Greater Grand Forks communities are invited to take part in the discussion with their questions and comments through phone calls and e-mails.

Northern Lights plans to expand the community discussions to a variety of topics on a weekly program later this fall. The station is working to secure funding for the project and looking at ways to increase the program's reach and audience participation by adding a permanent Internet broadcast. Listeners can call in or e-mail any questions or comments live during the program or in advance to nipr@sage.und.nodak.edu and join us live for our next forum July 30 at noon on AM 1370 and on-line at www.und.nodak.edu/org/nlpr. Our education forums will take a break in August as we get ready for the start of another school year and be back in September with a look at teachers' salaries. For more information or if you have any questions or comments, please contact me at 777-3570. -- *Hilary Bertsch, Northern Lights Public Radio.*

Bookstore Plans Open House, Offers New Discounts

All faculty and staff are invited to attend a Customer Appreciation Open House **Wednesday, Aug. 11**, at the University Bookstore. Cookies and punch will be served from 1 to 3 p.m. at the front entrance of the store.

The Bookstore now offers a 10 percent discount to all faculty and staff for supplies, trade books, and clothing. You must present your UND I.D. at the registers to receive the discount. The new supply discount is 30 percent off in-stock items and 20 percent off all orders not in stock.

UND and AAA are teaming up to offer discounted first-year memberships to all UND faculty and staff. First year memberships through

the UND Bookstore can be purchased for \$39.99, a 25 percent savings. Additional associate memberships are available through this program as well. Applications will be available at the bookstore in August.

Check out the new UND Bookstore web site at www.bkstore.com/und. -- *Mary Devine, UND Bookstore Advertising.*

Master Chorale Announces Auditions For Coming Season

Auditions for the Grand Forks Master Chorale will take place **Sunday, Aug. 15**, from 1 to 5 p.m. and 7 to 8 p.m. in the Hughes Fine Arts Center. Call the Master Chorale office at 777-3376 for more information and to make an appointment. Singers are asked to prepare a short solo; an accompanist is provided. Interested singers who are not free Aug. 15 are invited to call Music Director Jim Rodde, at 777-2814, to arrange an audition for a different day.

The Master Chorale is composed of 40 to 45 singers from northeast North Dakota and northwest Minnesota. The group rehearses on Sunday evenings from late August through early May for a four-concert local season and several rural outreach concerts.

The coming season, the Chorale's 17th, features new partnerships and new music. It will open in late October with "A Golden Age," a collaboration with the Fire Hall Theatre in celebration of the words and music of Shakespeare's time. The traditional Christmas holiday concert will take place on the first Sunday of December and the Masterworks concert closes the local season at the end of April.

There will also be new music written for the group. The Master Chorale has been designated the North Dakota host site for a national millennium project, "Continental Harmony," through which a new work will be composed for one community group in each state. The Chorale will work with composer Steve Heitzeg, who will be in residence for several weeks during the season, and will present the premiere of "What the River Says" at the February "Folk on the Red" concert. -- *Ruth Marshall, Grand Forks Master Chorale.*

Announcements

Manuchair Ebadi Named Pharmacology, Toxicology Chair

A noted researcher in Parkinson's disease and award-winning teacher has been selected to chair the department of pharmacology and toxicology. Manuchair Ebadi, formerly professor of pharmacology, neurology and psychiatry at the University of Nebraska College of Medicine in Omaha, officially assumed the post July 1. He takes over for interim chair Paul Epstein, who will continue as associate professor of pharmacology and toxicology. The last permanent chair was David Hein, who resigned to accept a position in Kentucky.

Ebadi, a fellow of the American College of Clinical Pharmacology, has conducted extensive research in the underlying causes of Parkinson's disease. His research is funded by the National Institutes of Health. He has written three textbooks and a reference book on pharmacology, the study of drugs, their properties and reactions, especially with regard to their therapeutic value.

An exceptional teacher, Ebadi was selected 10 times by medical students at the University of Nebraska College of Medicine to receive
(next page)

Ebadi Named Pharmacology, Toxicology Chair, continued

the Golden Apple Award, given annually for outstanding teaching. In fact, he won the award so many times they had to make him ineligible so other teachers could have a chance.

Ebadi earned a bachelor of science degree at Park College in Parkville, Mo.; a master of science degree in pharmacology from the University of Missouri College of Pharmacy in Kansas City, and the doctoral degree, also in pharmacology, from the University of Missouri Medical School in Columbia. He took postdoctoral training at the Laboratory of Preclinical Pharmacology at the National Institutes of Health in Bethesda, Md.

He and his wife, Pari Maheri, have three children: John, Michelle and Mark.

-- *H. David Wilson, Dean, School of Medicine and Health Sciences.*

All Invited To Say Farewells To Susan Neste

Susan Neste has resigned her position as director of the University Learning Center to accept a position as director of academic development at Wayne State University in Detroit, Mich. Her last day at UND will be Friday, July 30. Please stop by her office, 201A Memorial Union, to wish her well. -- *Dick Grosz, University Counseling Center.*

Family Association Seeks Directors

Is a UND student in your family? Do you know other families of UND students who are willing to become involved at UND? The UND Family Association is seeking families of UND students to serve on its Board of Directors. The Family Association provides programs and services to help families support their student's college experience including newsletters, a care package program, summer new student get togethers and Family Weekend. The Board of Directors meets five times per year. For more information or to nominate yourself or someone else for a board position, please contact Lisa Burger at 777-2117. -- *Lisa Burger, Interim Director, Student Academic Services.*

Dakota Student Receives National Award

The *Dakota Student* newspaper was named best non-daily student newspaper by the Society of Professional Journalists in the 1998 Mark of Excellence contest for outstanding college journalism. Staff members from the *Student* will accept their awards at the Mark of Excellence Awards breakfast Monday, Oct. 4, at the Society's national convention in Indianapolis. -- *Jan Orvik, Editor.*

Campus Recycling Expands

Thanks to the Student Government, which funded containers, we will expand collection of plastic containers (#1 & #2) in the majority of buildings on campus. The container will be labeled "Plastic" and "Cans." Please deposit both materials, plastic bottles and metal cans, in one container. Please empty containers and remove caps from bottles. UND is committed to reducing solid waste and saving resources. Thanks for doing your part. -- *Janice Troitte, Facilities.*

Library Lists Intersession Hours

The Chester Fritz Library hours of operation for summer intersession are: Saturday, July 31, through Monday, Aug. 23: Monday through Friday, 8 a.m. to 4:30 p.m.; Saturday and Sunday, closed; Tuesday, Aug. 24, resume regular hours. -- *Karen Cloud, Chester Fritz Library.*

Please Submit Student Job Openings By Aug. 9

We will post institutional and Federal Work Study job openings for fall on Wednesday, Aug. 18. Job listings submitted within the last academic year are on file in our office. Please contact Dorothy Olson at 777-4411 for FWS jobs and Terri at 777-4395 for institutional jobs by **Monday, Aug. 9**, if you would like your jobs reposted. We can also be reached by E-mail. -- *Dorothy Olson, Student Financial Aid.*

Medical School Seeks People To Role-Play Patients

The UND School of Medicine and Health Sciences is seeking interested people to help students learn, practice and evaluate interviewing and physical examination skills. If you would be interested in role-playing and helping to train future health care professionals, please contact our office for an application. Positions are available on a very part-time, limited, temporary basis as needed. The following are the types of persons which may be needed throughout the year:

- * Persons who have had illnesses and are willing to be interviewed by medical students about how the illness affected his/her life. Interviews may be videotaped or observed (with permission) for teaching or evaluation purposes. In some instances, these patients may be trained to give students feedback on interview skills. These interviews may be done by one student, small groups or classes. No physical examination is required.
- * Persons who are willing to learn a "case scenario" (based on an actual illness) to portray a patient in interviews. Interviews are conducted by a single student and are observed by a physician/rater. In some cases, these "patients" may be trained to give students feedback on their skills. No physical examination is required. Some scenarios may contain emotionally charged content, such as death and dying issues.
- * Persons who are willing to have a physical examination performed by a medical student. Cases would NOT involve a pelvic or rectal exam. At this time, there are no plans to videotape these exams.

Good communication skills, reliability, ability to consistently recall and discuss case information, and ability to interact with and give feedback to students are essential skills. Salary is \$10 to \$15 per hour. For further information contact me at 777-3208. -- *Dawn Drake, Office of Medical Education.*

Women Sought For Nutrition Center Study

Women participants are needed for Grand Forks Human Nutrition Research Center studies starting in September. You must be healthy, 18 to 50 years old, on no medication unless it is birth control medication, and menstruating. Receive free, ready-to-eat food for 12 or 14 weeks and \$1,085 or \$1,120. E-mail enielsen@gfhnrc.ars.usda.gov or call Cody at 795-8155. -- *Emily Nielsen, Community Study Coordinator, Grand Forks Human Nutrition Research Center.*

Donated Leave Sought

Nadine Kotowicz of the Computer Center recently underwent back surgery in a Minneapolis hospital. She needs donated leave time to see her through this surgery and recovery period. Persons willing to donate leave to Nadine can send a completed leave donation form to Marv Hanson at the Computer Center, Box 9041. -- *Marv Hanson, Associate Director, Computer Center.*

Credit Union Will Move To Memorial Union

The University Federal Credit Union will be closed **Thursday, Aug. 5, and Friday, Aug. 6**, to move to the lower level of the Memorial Union. We will reopen in our new location Monday, Aug. 9, which will provide additional work space, three teller windows, and greater privacy for our members to conduct transactions. During the move our Service Center at 3197 South 17th Street (just east of Hugo's on 32nd Avenue South) will be open to transact your business. The Credit Union leases space from First Liberty Federal Credit Union. -- *George Meister, Manager, University Federal Credit Union.*

Summer Yoga Classes Offered

Summer yoga classes will be held Monday and Thursday evenings at the Lotus Meditation Center, 2908 University Ave. Six-week sessions begin July 26. Call Dyan Rey, instructor, at 772-8840 for information or to register. Pre-registration is necessary. -- *Dyan Rey (Visual Arts), Lotus Meditation Center.*

Last Wednesday Of Month Is Denim Day

Wednesday, July 28, is Denim Day. Dig out your button, pay your dollar, and enjoy "going casual" in the middle of the week. All proceeds go to charity, as always. Tired of watching other offices and buildings have all the fun? Call me and I'll set you up with buttons and posters for your area. -- *Patsy Nies, Enrollment Services/ University Relations, 777-3791, for the Denim Day Committee.*

Bookstore Seeks Rush Help

The UND Bookstore is seeking part-time booksellers/cashiers from approximately Aug. 15 to Sept. 10 to work 25 to 40 hours. Competitive wage will depend on experience. Contact Brian or Don at 777-2746 by Friday, July 30. -- *Mary Devine, Bookstore.*

Grants and Fellowships

Research, Grant Opportunities Listed

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

UNITED STATES INSTITUTE OF PEACE (USIP)

Unsolicited Grants support research, education and training, and dissemination of information on international peace and conflict resolution. The Institute invites proposals for projects that will: 1) carry out basic and applied research on the causes of war and other international conflicts; on the ways in which conflicts have been or can be prevented, contained, or terminated; and on the condition and character of peace among states and peoples; 2) develop curricula and texts for high school through post-graduate study and conduct teacher-training institutes, workshops, and seminars; 3) conduct training, symposia, and continuing education programs for practitioners, policymakers, policy implementers, and the public to develop skills in international conflict management and war avoidance; 4) undertake public information efforts; 5) strengthen library resources, development of bibliographic databases and indexes, and expansion of cooperative efforts in resource sharing. **Deadline:** 10/1/

99. **Contact:** 202/429-3842; grant_program@usip.org; http://www.usip.org.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

The Collaborative Science, Technology, and Applied Research Program provides support to create a cost-effective continuum from basic and applied research to operations through collaborative research between operational forecasters and academic institutions which have expertise in the environmental sciences. The long term objective is to improve overall forecast and warning capabilities of the operational hydrometeorological community by addressing the following national science priorities: Quantitative Precipitation Estimation (QPE) and Forecasting (QPF), including precipitation type and probabilistic QPF (PQPF); flash flood and probabilistic river prediction; prediction of seasonal-to interannual and decadal climate variability, and the impacts of these variabilities on extreme weather events; prediction of tropical cyclones near landfall, including track, intensity, and associated precipitation, and hazardous weather; prediction of marine conditions, including fog, winds, coastal ocean, and open ocean waves; the effect of topography and other surface forcing on local weather regimes; locally hazardous weather, especially severe convection, winter weather, and phenomena that affect aviation; and conditions conducive for rapid development of wildfires and dispersion of smoke and other air-quality hazards. Individual NWS Regions and Centers have subsets of these priorities due to differences in factors such as topography, weather regimes, and mission. A list of priorities and contact persons for each region is available from ORPD. Proposals must be submitted by multiple principle investigators and contain at least two distinct subtasks addressing one or more of the science needs/priorities listed by a single NWS Region or by NCEP. The maximum award will be \$125,000/year for up to 3 years. **Deadline:** 10/1/99. **Contact:** Sam Contorno, 301/713-1970 x193; fax 301/713-1520; samuel.contorno@noaa.gov; http://www.noaa.gov/.

ENVIRONMENTAL PROTECTION AGENCY (EPA)

The EPA is soliciting proposals for the combined FY 1999/2000 Sustainable Development Challenge Grant (SDCG) Program. Approximately \$4.7 million has been authorized for FY 1999; an additional \$4.7 million is requested in the President's FY 2000 Budget Request, subject to Congressional authorization. The program challenges communities to invest in a sustainable future that links environmental protection, economic prosperity and community well-being. It provides an opportunity to develop place-based approaches to problem solving that can be replicated in other communities. The program strongly encourages community members, business and government entities to work cooperatively to develop flexible, locally-oriented approaches that link place-based environmental management and quality of life activities with sustainable development and revitalization. Applicants may compete for funding in two ranges for FY 1999/2000: (1) \$30,000-\$100,000 with a total project budget of \$125,000 or less and (2) \$100,001-\$250,000 with no limit on the total project budget amount. Proposals will compete with other proposals in the same range. The program announcement is on the EPA Region 8 website at <http://www.epa.gov/region08/cross/cbep/grants.html>. **Deadline:** 9/29/99. **Contact:** David Schaller, EPA Region 8, 303/312-6146, schaller.david@epa.gov; or Lynn Desautels, Director, SDCG, U.S. EPA, 202/260-6812, fax 202/260-2555, desautels.lynn@epa.gov.

Research, Grant Opportunities Listed, continued

DEPARTMENT OF THE NAVY

The Defense University Research Instrumentation Program provides support to improve the capabilities of U.S. universities to conduct research and educate scientists and engineers in areas important to national defense by providing between \$50,000-\$1,000,000 for the acquisition of research equipment. Eligible applicants are U.S. institutions of higher education with degree granting programs in science, math, and/or engineering. Proposals must address the impact of the equipment on the institution's ability to educate, through research, students in disciplines important to Department of Defense (DOD) missions. Proposals for equipment that will be used to perform research in listed technical areas, or other areas important to national defense, will be considered. The FY00 competition includes a special focus on information technology with a portion of funding allocated to purchase of equipment in support of defense-relevant research in the following areas: software engineering (end-user programming, component-based software development, active software, and autonomous software), high confidence systems (assurance foundations and technologies, information security, survivability technology, software control systems, and public key infrastructures), networking (reliability, security robustness, quality of service, bandwidth allocation, collaboration technologies, network modeling and simulation, digital libraries, distributed computing, and anytime/anywhere connectivity), human-centered systems (collaborative workspace, information storage, information agents, distributed cognition, knowledge acquisition, multilingual technologies, virtual reality environments, and visualization systems), and high-end computing (advanced computer hardware, cooperative computing, system software technologies, future-generation computing, advanced computing technologies, high-end simulation software, national grid of computers, and high-end computing architectures. Proposals may request partial funding (not to exceed \$1,000,000) for purchase of instrumentation costing more than \$1,000,000. Areas of interest are described in Broad Agency Announcements (BAAs) issued by the participating agencies. Areas of interest to the Office of Naval Research (ONMR) are available at: <http://www.onr.navy.mil/> (select "Science and Technology"). **Deadlines:** 8/19/99. **Contact:** Donald Polk, 703/696-4111; polkd@onr.navy.mil; http://www.onr.navy.mil/sci_tech/special/durip00.htm.

DEPARTMENT OF EDUCATION

The Graduate Assistance in Areas of National Need program provides fellowships through academic departments of institutions of higher education to assist graduate students of superior ability who demonstrate financial need. Fellowships are generally available to students in Ph.D. programs, but departments without doctoral programs may partner with institutions offering the Ph.D. The purpose is to sustain and enhance the capacity for teaching and research in areas of national need: biology, chemistry, computer and information sciences, mathematics, and physics. Of particular interest are projects from interdisciplinary programs designed to include two or more of the academic areas listed above and geological science projects which will train Ph.D. students for careers in the field of computational earth science. **Deadline:** 10/4/99. **Contact:** Cosette H. Ryan, 202/260-3608; cosette_ryan@ed.gov; <http://gcs.ed.gov/grntinfo.htm>.

Full announcements for the following programs may be downloaded from <http://gcs.ed.gov/fedreg/announce.htm>. **Deadline:** 9/30/99. **Contact:** Donna Nangle, 202/205-5880, Donna_Nangle@ed.gov (Information); or Team, U.S. Department of Education, 400 Maryland

Avenue SW., Room 3317, Switzer Building, Washington, DC 20202, 202/205-8207 (Applications).

The purpose of the Research Fellowship Program is to build research capacity by providing support to highly qualified individuals, including those with disabilities, to perform research on rehabilitation of individuals with disabilities. Eligible applicants for Merit Fellowships must have advanced professional training or experience in independent study in an area directly pertinent to disability and rehabilitation. Eligible applicants for Distinguished Fellowships must have 7 or more years of research experience in subject areas, methods, or techniques relevant to rehabilitation research and must have a doctorate, other terminal degree, or comparable academic qualifications. Fellowships are for 12 months.

Field-Initiated (FI) Projects must further one or both of the following purposes: 1) develop methods, procedures, and rehabilitation technology that maximize full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities; or 2) improve the effectiveness of services. Eligible projects carry out research or development activities. Of particular interest are: 1) Collaborative international assistive technology and rehabilitation engineering projects including, but not limited to, projects that could be carried out under Science and Technology Agreements between the U.S. and other countries; 2) projects that address the impact of managing medication therapies on work transition issues for persons with HIV-AIDS; 3) projects to develop rehabilitation techniques for children and youth with receptive language disorders using objective measures of functional and neurological outcomes; 4) projects that address problems of interface to information technology systems for persons with cognitive disabilities; and 5) projects to identify and develop methodologies appropriate for use in community-based research on various aspects of disability, rehabilitation, and living independently in the community.

Advanced Rehabilitation Research Training (ARRT) Projects must provide research training and experience at an advanced level to individuals with doctorates or similar advanced degrees who have clinical or other relevant experience. ARRT Projects train rehabilitation researchers, including individuals with disabilities, with particular attention to research areas that support the implementation and objectives of the Rehabilitation Act and improve effectiveness of services authorized under the Act.

ROYAL GEOGRAPHICAL SOCIETY (RGS)

The Whitley Award Scheme for International Nature Conservation supports nature conservation projects located anywhere in the world. Projects should combine academic excellence with the objective of making a substantial and lasting contribution to nature conservation. RGS has an interest in conservation of animals in their habitat, and encourages conservation work focusing on threatened habitats or specific organisms such as fungi or insects. Work must be of a pragmatic nature and aim to make a substantial and long lasting impact on the subject in question. Applicants may be from any country and need not be qualified scientists, but must be able to compile a written report to describe and quantify their work with appropriate references. Preference will be given to those who commit a considerable period of their life to working in their chosen field and have established a viable operation involving team members from the host country. The maximum award is 50,000 pounds. **Deadline:** 10/15/99. **Contact:** Grants Manager (Whitley Awards Scheme);

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Research, Grant Opportunities Listed, continued

telephone 0171 591 3073; fax 0171 591 3031; grants@rgs.org; <http://www.rgs.org> or <http://www.whitley-award.org>.

IRISH AMERICAN CULTURAL INSTITUTE (IACI)

Visiting Fellowships in Irish Studies at University College Galway provide a \$13,000 stipend plus transatlantic travel for scholars normally resident in the U.S. whose work deals with any aspect of Irish Studies. Length is 4 months. **Deadline:**12/31/99.

The Irish Research Fund supports scholarly work which illuminates the Irish-American experience. The purpose is to help discover the often untold story of the Irish in America. Funding is intended for important research which will result in production of groundbreaking books, articles, and museum exhibits on Irish American contributions to the building of America. Projects must have an American dimension; research dealing solely with the Irish in Ireland is unlikely to be funded. Typical awards range from \$1,000-\$5,000. **Deadline:** 10/1/99.

Contact: Administrative Office, 973/605-1991; fax 973/605-8875; IrishwayNJ@aol.com.

NATIONAL GEOGRAPHIC SOCIETY (NGS)

Research Grants averaging \$15,000-\$20,000/year are provided to investigators with advanced degrees for basic, original, scientific field research in disciplines including anthropology, archaeology, as-

tronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. Emphasis is placed on multi-disciplinary projects that address environmental issues (e.g., loss of biodiversity and habitat, effects of human population pressures). Awards to non-Ph.D. applicants are rare. Applicants are generally expected to have published a minimum of 3 articles in peer-reviewed scientific journals. There are no citizenship restrictions. Multi-year grants are limited. Grants are usually intended to function as complementary support; NGS encourages applicants to seek additional, concurrent funding from other agencies. Potential candidates must submit a short preproposal and curriculum vitae. Those whose projects are deemed appropriate will receive an application. **Contact:** Committee for Research and Exploration, 202/857-7439; <http://www.nationalgeographic.com/research/grant/rg1.html>. **Deadline:** None.

FREEDOM FORUM

The Professors Publishing Program supports up to 20 grants each year for journalistic projects of public importance by faculty members teaching journalism at colleges and universities. The program encourages former full-time journalists to maintain their professional skills while teaching. Proposals for competitive grants may request up to \$5,000. **Contact:** Karen Catone, 415/547-4111; <http://www.freedomforum.org/education/1998/12/11jourprograms.asp>. **Deadline:** 11/1/99.

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