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## **To The UND Campus Community,**

As we come to the end of another calendar year, Adele and I want to thank each and every one of you for all you do every day to make UND such a great place. We are very pleased to be in Grand Forks this holiday season and part of a vibrant UND family — a community with an obviously broadly shared belief that whatever differences we have, we have far more in common, and that we all depend on the support we receive from one another. Adele and I are especially grateful for the support and encouragement you have given us personally during Adele's illness these past six months. Thanks to your prayers, direct support, and great medical care, we have every reason to believe that Adele is

now well on her way to recovery and will remain cancer-free. As we pause to reflect on what it means to be part of the larger human family, we hope this past year has been a good one for you and yours, and that the interesting and exciting challenges sure to come in the year ahead are more than matched by many blessings and much good fortune.

C.E. Kupchella, President.

### **Dorgan Will Receive Honorary Degree at Winter Commencement Friday, Dec. 20**

Nearly 620 students are eligible to walk across the stage during the commencement exercises. UND graduates approximately 2,200 students a year during its spring, fall and winter commencements, and has graduated more than 96,000 students since the first graduating class in 1889.

#### **BYRON L. DORGAN**

Sen. Dorgan is the fourth graduate of the University of North Dakota to be elected to the United States Senate, joining his illustrious predecessors Lynn J. Frazier, Gerald P. Nye, and William Langer.

Sen. Dorgan grew up on a ranch near Regent in southwestern North Dakota, and graduated from UND in 1965 with a Bachelor of Science. He then graduated from the University of Denver in 1966 with a Master of Business Administration. At the age of 26 he was appointed state tax commissioner, becoming the youngest constitutional officer in North Dakota history. He was twice elected to that post before going on to the U.S. House of Representatives. Sen. Dorgan served six terms there before being elected to the United States Senate in 1992. Following his reelection in 1998, he was named chair of the Democratic Policy Committee, the first North Dakotan ever to hold this position or to serve in the national Democratic leadership. From 1996 to 1998 he served as assistant floor leader.

Sen. Dorgan has devoted nearly his entire professional career to serving North Dakota and the nation. He is a nationally known leader on a wide range of issues, including the economy, research and development, international trade, transportation policy, and health care. Sen. Dorgan is perhaps best known as an advocate of rural America. He has looked for new ways to improve the farm economy and to broaden the economic base the Great Plains states. Among his priorities is a commitment to ensuring that institutions such as the University of North Dakota play a larger role in meeting the nation's federally funded research agenda.

### **Use Wellness Center At No Charge Jan. 6-12**

All staff and faculty are invited to try out the Wellness Center from Jan. 6 - 12 for free. You may use the cardio equipment, weights, and even try out the group exercise classes over the noon hour. During this week, the Center will be open Monday - Friday from 5:30 a.m. to 9 p.m., Saturday from 10 a.m. to 3 p.m., and Sunday evening from 4 to 8 p.m. For more information, contact the Wellness Center at 777-6476. The free Wellness Center week is sponsored by Staff Senate and the Wellness Center. — *Wellness Center*.

### **Grants And Contracts Office Will Report To Vice President For Research**

Effective Jan. 1, the office of grants and contracts, which historically has reported to the vice president for finance and operations, will transfer to Peter Alfonso, vice president for research. Vice President Gallagher recommended the transfer of responsibility to President Kupchella to more effectively align research activities on campus.

The vice president for research is responsible for the establishment and administration of institutional policy for sponsored projects. It is critical that the offices of research and program development and grants and contracts work as a unit to achieve the research goals set forth in the Strategic Plan. — *Robert Gallagher, Vice President for Finance and*

## *Operations.*

### **Student Government Provides Information About Pickupprof System**

Following is a list of frequently asked questions about pickupprof, an online teacher evaluation system. It has been created to answer some of the questions that faculty members may have. Feel free to distribute it to help generate discussion and answer questions.

There will be additional information available in the spring semester for students to see how to use the site and what it can do to benefit them. We will also host forums in January to show how the system works and what is included as well as receive more feedback from faculty.

#### **What is pickupprof?**

Pickupprof is a web site that offers students a place to learn about teachers and courses from other students and directly from professors.

#### **Who is in charge of it?**

Student Government is the listed party in the service agreement with the company.

#### **What is included in the service?**

The service includes several features that will be helpful to any student at UND. These include:

- \* a course offering list for the next semester
- \* a schedule planner that allows students to visually see proposed schedules
- \* posted comments from other students regarding teaching style, homework, tests, and topic material
- \* compiled results from the Scantron teaching evaluations
- \* opportunity for professors to post autobiographies, course descriptions, syllabi, and written comments

#### **Is this alluding to poor teaching at UND?**

Absolutely not. The goal is to provide more information to the student prior to registering for class.

#### **Will there be personal attacks against me?**

No. The system includes a third party who screens each comment before posting it to the site. If a comment is rejected, the posting student receives an e-mail informing them that it was not posted and why. Comments must:

- \* not contain profanity
- \* not be personal attacks on the professor
- \* not make references to other professors
- \* contain at least one piece of information relevant to the class

For example: "This professor doesn't know anything" would not be posted.

"This professor is bad because she doesn't ever apply problems to real-world stuff" would meet the requirements and therefore, would be appropriate to post.

### **Will all of the comments be negative?**

Many schools are using this system across the United States. Comments often have good and bad feedback together as well as comments that are purely informational. 75 percent of comments received from students at schools already using pickaprof rate professors as average to excellent, with only 25 percent listing instructors as below average or poor.

### **How will comments displayed on the site?**

As well as screening to ensure that comments meet the requirements of posting, the employees at pickaprof also rank the comments so those with the most information are listed first. A comment that includes things like the number of tests, amount of homework, type of questions, use of the textbook, teaching style, etc. will be posted higher on the screen than one that contains only a portion of this information.

### **What qualifications do the screener employees at pickaprof have?**

The screeners are a combination of college graduates and current college students who work part-time or as interns. Most of these employees come from the University of Texas at Austin. The chairperson of the communications department, Isabella Cunningham, aids pickaprof by recommending individuals for hiring. She, as well as the representatives at pickaprof, are available for further comment on employee qualifications at [i.cunningham@mail.utexas.edu](mailto:i.cunningham@mail.utexas.edu) or [karen@pickaprof.com](mailto:karen@pickaprof.com)

### **What are the benefits?**

There are direct and indirect benefits for students and faculty through this system. Students learn more about the classes they are considering. They will have the opportunity to select a teacher who uses the learning style to which they are the most responsive. They will also be able to read comments that may teach them what they will be doing in a career after graduation.

Faculty members will have students that may be better prepared for the amount of work that needs to be devoted to their course. You can receive feedback from students during the semester. You may also see students preparing assignments in “your style” earlier in the semester.

### **Who can use it?**

Students and faculty can both participate in the system. While students will use the information to help them make more informed decisions for registration, faculty can use pickaprof to gain direct feedback mid-semester. Faculty can also post autobiographical information, class syllabi, and may respond to comments on the site.

Does the service include a complete listing of the grades given out in my class each semester?

No. Pickaprof provides this service to almost every school that they work with. However, after considering it, we don't feel this is a necessary feature to make the system function. We feel that success lies in the comments and feedback available from students and professors, rather than in seeking the “easy A.”

Are the written comments on semester student evaluation of teaching forms printed?

No. This information will not be posted on the site.

### **Who is funding this project?**

Student Government has allocated money to this project out of an account that comes directly from student fees.

### **Why is this the first time I've heard of this?**

This hasn't been a silent process. Student Senate discussed the system in September, November, and December. A similar system was also presented and discussed during student government elections last year. There have also been at least six articles in the last year in the Grand Forks Herald and the Dakota Student regarding online teacher evaluations.

### **What if a comment is posted that should not have been posted?**

While we don't anticipate this taking place, there will be an "appeals" process that will consist of listing the comment in question and delivering it to a committee made up of faculty and students who will render a decision over whether or not it is appropriate. This group will use the same criteria that pickaprof uses. If the comment is deemed inappropriate, it will be removed immediately.

### **Why weren't faculty members consulted before the system was approved?**

Student Government executives and senators had conversations with several faculty members, chairs, and deans about this subject over the last year. The feedback from these discussions has been considered and some changes were made to the system as a direct result from recommendations of faculty and others.

### **To whom do I address other questions or concerns?**

Student Government and pickaprof are willing to hear thoughts and advice on ways to make this system better. We will be having several forums to discuss and show the system early this spring.

-- *Jon Lovseth, Student Body President, 777-4377, stugov\_president@und.nodak.edu*

## **Events to Note**

### **Dakota Science Center Offers Schoolage Programs Over Christmas**

The Dakota Science Center is offering three programs for students grades 3-5 over the Christmas break. The program options include:

1. Rip Roaring Rockets. Design, build, safely deploy and retrieve a small rocket, Thursday, Dec. 26, and Friday, Dec. 27, from 10 a.m. to noon. Cost: \$45 per student
2. Stories in Stone. Explore the ancient past and find out what rocks can tell us, Thursday, Dec. 26, and Friday, Dec. 27, from 1-3 p.m. Cost: \$45 per student
3. Mystery Solved. Experience crime investigation techniques, Monday, Dec. 30, and Tuesday, Dec. 31, from 10 a.m. to noon.. Cost: \$45 per student.

Pre-registration is required; call 795-8500. Discounts are available for multiple class registrations. The Dakota Science Center is located at 308 S. 5th St.

The Dakota Science Center will be open for the Greater Grand Forks First Night event with six new exhibits created by UND's Principles of Industrial Technology class, taught by Ray Diez. Stop in for a look and bring your children to explore the Center. – Dawn Botsford, Office of the Vice President for Student and Outreach Programs.

### **Inventors Congress, Marketplace Of Ideas Set For Jan. 15, 16 At Alerus**

The third annual North Dakota Inventors Congress will take place Wednesday, Jan. 15, and will be followed by the Marketplace of Ideas Thursday, Jan. 16. Both events will be held at the Alerus Center. Organizing sponsors are U.S.

Sen. Kent Conrad and Roger Johnson, N.D. agriculture commissioner.

The North Dakota Inventors Congress (NDIC) was created to provide Midwest inventors and entrepreneurs with the information and tools necessary to effectively commercialize new ideas. The NDIC encourages innovation and economic development in Midwestern states by connecting and exchanging ideas between inventors, entrepreneurs and professionals.

**Schedule of Events:**

*1 to 1:30 p.m.*, registration (free);

*1:30 to 2:30 p.m.*, keynote speaker, “The Economy of the New Inventor,” John Calvert, USPTO Technology Center 3700’s representative for independent inventors. Under the newly expanded inventors assistance program, Calvert is Technology Center 3700’s representative for independent inventors. He has held several positions within the U.S. Patent and Trademark Office. With bachelor’s and master’s degrees in textile technology and management from North Carolina State University, Calvert has received numerous achievement awards, including the Department of Commerce bronze medal for superior federal service.

*2:30 p.m.*, “Determining the Marketability of an Invention,” by Wally Eide, Institute for Business and Industry Development (IBID). Every inventor believes his or her invention is marketable. However, the unfortunate reality is that less than 2 percent of all inventions ever have commercial success. Learn how to determine whether your invention is marketable.

*3 p.m.*, “Basics of Patent Searching,” by Angela Bailly, Patent and Trademark Depository Library, UND. Learn how to effectively perform a free patent search online. Information will also be provided regarding the patent depository resources available to inventors.

*3:30 p.m.*, break.

*4 p.m.*, keynote speaker, “10 Tips for Inventor Success,” presented by Don Kelly, CEO of the Intellectual Asset Management Associates (IAMA). Kelly serves as intellectual property consultant, expert witness, registered patent agent and technology broker. He is often referred to as champion of America’s inventors and entrepreneurs and is widely known for his educational and entertaining speeches and seminars. Recently, he was named executive director of the Rothschild Patent Model Museum in New York. He held several positions with the U.S. Patent and Trademark office. Kelly has been adjunct professor at Franklin Pierce Law Center, taught entrepreneurship at the Asian Pacific Legal Institute, and is a visiting lecturer at MIT’s Sloan Graduate School and Fordham University’s Graduate School of Business.

*4:30 p.m.*, “Prototype and Engineering Issues,” presented by Reuben Tschritter, IBID, and Ralph Johnson, UND College of Engineering. Prototypes can be valuable to an inventor in determining whether their invention works as expected. Learn the basics regarding prototypes and engineering.

*5 p.m.*, “Licensing vs. Starting a Business,” presented by Wally Eide, IBID. Determining whether you should license your patent rights to a company or start your own business can be challenging. This will help you determine which course of action will be best for you.

*5:30 p.m.*, “The Patent Process,” presented by Michael S. Neustel, Neustel Law Offices. Patents provide inventors and businesses the opportunity to protect their innovations and investments. Learn how the patent process works and whether you should attempt to patent your invention.

*6 p.m.*, “Funding the Process,” presented by Bruce Gjovig, Center for Innovation. Funding is one of the most difficult aspects of starting a new business. Learn the methods available for funding your business.

*6:30 to 7 p.m.*, Q & A Session, with Angela Bailly, John Calvert, Don Kelly, Wally Eide, Ralph Johnson, Michael Neustel, and Reuben Tschritter. A panel of experts will answer questions regarding various topics relevant for inventors and entrepreneurs.

7 to 9 p.m., Marketplace of Ideas reception.

For more information on the Inventors Congress, please contact North Dakota Inventors Congress, Michael S. Neustel, Neustel Law Office, Ltd., 2534 South University Drive, Suite 4, Fargo, ND 58103, 701-281-8822 or toll free 1-800-281-7009; fax, 701-237-2544; e-mail, [neustel@patent-ideas.com](mailto:neustel@patent-ideas.com); or [www.NDInventors.com](http://www.NDInventors.com).

At the Marketplace of Ideas, find an opportunity to build your income. Inventors and entrepreneurs are encouraged to exhibit their products. For more information on Marketplace of Ideas, please contact Marilyn K. Kipp or Pam Marshall, Marketplace of Ideas, 411 Main Street West, Mandan, ND 58554-3164; 701-663-0150 or 888-384-8410; fax, 701-663-1032; [marketplace@btinet.net](mailto:marketplace@btinet.net) or [www.MarketplaceOfIdeas.org](http://www.MarketplaceOfIdeas.org).

### **Association Of Nonprofit Organizations Meets Jan. 15**

The North Dakota Association of Nonprofit Organizations will hold its annual membership meeting Wednesday, Jan. 15, from 6:30 to 7:30 p.m. at the Alerus Center as part of Marketplace of Ideas. Business items include nomination and election of the 2003 board of directors, the annual report, and strategic plans and goals overview.

### **Information Technology Council Meets Jan. 15**

The North Dakota Information Technology Council will meet from 3 to 6 p.m. Wednesday, Jan. 15, at the Alerus Center. This is part of the Marketplace of Ideas.

### **Contracting Consultants Will Be Workshop Topic**

As part of the Marketplace of Ideas, a workshop, "Keys to Successfully contracting Consultants," will be held from 1:30 to 5:30 p.m. Wednesday, Jan. 15, in the Oriole Room, Alerus Center. The workshop is sponsored by the Quentin Burdick Center for Cooperatives, NDSU.

### **Activities Celebrate Life Of Martin Luther King Jr.**

Activities are planned to celebrate the life of Dr. Martin Luther King, Jr. We invite you to participate in any of these events as your schedule allows. The 2003 theme for this series is "Remember, Celebrate, Act: A Tribute to Dr. Martin Luther King Jr."

Jan. 15-24 : A display to remember the life, accomplishments, and dreams of Dr. Martin Luther King Jr. will be located outside the north door of the Memorial Union Ballroom. Videotapes of several of Dr. King's memorable speeches will be available for viewing near the display. Barnes and Noble UND Bookstore will feature a book display depicting the life and work of Dr. King.

Wednesday, Jan. 22: 7:30 p.m. Hughes Fine Arts Center Recital Hall

An evening presentation, "Remembering Dr. Martin Luther King Jr., Celebrating His Life, and Actions for Today" by Sheyann Webb-Christburg, coordinator of student activities at Alabama State University. As an eight-year-old, Webb-Christburg marched with Dr. King in the Selma, Ala., march across the Edmund Pettus Bridge on "Bloody Sunday," March 7, 1965. She will speak about her childhood experiences with King and the impact those experiences have made on her life. Known as King's "Smallest Freedom Fighter," Webb-Christburg co-authored *Selma, Lord, Selma*, a story about a young girl who was caught up in the tumult of the civil rights demonstration in Selma.



Thursday, Jan. 23: Noon to 1 p.m., Lecture Bowl, UND Memorial Union: Sheyann Webb-Christburg will speak on "Student Activism in the 21st Century"; 1:30 p.m., 2:30 p.m., and 3:30 p.m., Tabula Coffee House, dialogue with faculty and students. Join in any of these discussion groups led by UND faculty and students to explore how Martin Luther King Jr. might encourage us to act in the world today and what he would do about the current issues facing our society.

Friday, April 4: Sixth annual Dr. Martin Luther King Jr. awards celebration. Details will follow.

If you need more information about any of these activities, please contact the Office of Multicultural Student Services at 777-4259. – Dawn Botsford, *Special Events Coordinator, Office of the Vice President for Student and Outreach Services.*

### **Getting Started Program Will Be Held At Gamble Hall**

Due to the renovation of the Memorial Union, the Getting Started 2003 program will be moved to Gamble Hall from Monday, June 9, through Friday, July 18. – Sommer Herring, *Academic Advisor, Student Academic Services.*

## **Announcements**

### **Women Studies Holds Essay Contest**

The women studies program sponsors a contest for the best essays that wholly or in significant part address issues of particular concern to women. Three \$100 prizes are awarded, one for undergraduate research paper, one for undergraduate essay/creative project, and one for graduate research paper. Essays may be of any length and may come from any discipline. They may be submitted by faculty or directly by the student. Essays should have been written in 2002 (spring or fall semesters).

Mark essays with class title and instructor and include the author's phone number and address. Please send essays by Jan. 31 to Wendelin Hume, Women Studies, Box 7113. Winners will be announced during spring semester 2003. If you have any questions please call Wendy at 777-4115. – Wendelin M. Hume, *Director of Women Studies.*

### **Christmas, New Year's Holiday Hours Are Listed**

#### **Christmas Eve Afternoon, Christmas Day Are Holidays**

In accordance with State Board of Higher Education directives, Tuesday, Dec. 24, at noon and Wednesday, Dec. 25, will be observed as Christmas Eve and Christmas Day by faculty and staff members of the University. Wednesday, Jan. 1, will be observed as New Year's Day. Only those employees designated by their department heads will be required to work on this holiday. –John Ettl, *Vice President for Academic Affairs and Provost, Diane Nelson, Director, Human Resources.*

#### **Campus Buildings Will Be Locked At Noon Dec. 24**

All campus buildings will be locked at noon Tuesday, Dec. 24, and will remain locked through Christmas Day, Dec. 25. – *UND Police.*

#### **Chester Fritz Library:**

Hours of operation for the Chester Fritz Library over the holidays are: Saturday and Sunday, Dec. 21 and 22, closed;

Monday, Dec. 23, 8 a.m. to 4:30 p.m.; Tuesday, Dec. 24, 8 a.m. to noon; Wednesday, Dec. 25 (Christmas Day), closed; Thursday and Friday, Dec. 26 and 27, 8 a.m. to 4:30 p.m.; Saturday and Sunday, Dec. 28 and 29, closed; Monday and Tuesday, Dec. 30 and 31, 8 a.m. to 4:30 p.m.; Wednesday, Jan. 1 (New Year's Day), closed; Thursday, Jan. 2, through Monday, Jan. 13, weekdays 8 a.m. to 4:30 p.m. and closed weekends. – *Karen Cloud, Chester Fritz Library.*

### **Health Sciences Library:**

Holiday hours for the Library of the Health Sciences are: Friday, Dec. 20, 7:30 a.m. to 5 p.m.; Saturday, Dec. 21, 1 to 5 p.m.; Sunday, Dec. 22, closed; Monday, Dec. 23, 8 a.m. to 5 p.m.; Tuesday, Dec. 24, 8 a.m. to noon; Wednesday, Dec. 25, closed; Thursday and Friday, Dec. 26 and 27, 8 a.m. to 5 p.m.; Saturday, Dec. 28, 1 to 5 p.m.; Sunday, Dec. 29, closed; Monday and Tuesday, Dec. 30 and 31, 8 a.m. to 5 p.m.; Wednesday, Jan. 1, closed; Thursday and Friday, Jan. 2 and 3, 8 a.m. to 5 p.m.; Saturday, Jan. 4, 1 to 5 p.m.; Sunday, Jan. 5, closed; Monday through Friday, Jan. 6-10, 8 a.m. to 5 p.m.; Saturday, Jan. 11, 1 to 5 p.m.; Sunday, Jan. 12, 1 to 5 p.m.; Monday, Jan. 13, resume regular hours. – *April Byars, Health Sciences Library.*

### **ITSS:**

ITSS will close for the Christmas holiday at noon Tuesday, Dec. 24, and will reopen at 5 a.m. Thursday, Dec. 26. – *Marv Hanson, Associate Director, ITSS.*

### **North Dakota Museum of Art:**

The North Dakota Museum of Art will close at 2 p.m. Tuesday, Dec. 24, and will re-open Thursday, Dec. 26. The Museum will close at 2 p.m. Tuesday, Dec. 31, and will re-open Thursday, Jan. 2. The Museum Café will be closed from Monday, Dec. 23, until Monday, Jan. 6. – *North Dakota Museum of Art.*

### **Wellness Center:**

The Wellness Center hours of operation during the holiday break are: Monday through Friday, 5:30 a.m. to 9 p.m.; Saturdays, 10 a.m. to 3 p.m.; Sundays, 4 to 8 p.m.; Tuesday, Dec. 24, 5:30 a.m. to noon; Wednesday, Dec. 25, closed; Tuesday, Dec. 31, 5:30 a.m. to noon; Wednesday, Jan. 1, closed. – *Nikki Seabloom, Wellness Department.*

### **Memorial Union:**

The Memorial Union will close at 5:30 p.m. starting Friday, Dec. 20. On Tuesday, Dec. 24, the Union will close at noon and remain closed until 7 a.m. Thursday, Dec. 26. We will be closed all weekends during the break.

Hours for Monday through Friday are: Lifetime Sports Center, closed for construction; Info/Service Center, 8 a.m. to 5 p.m.; Copy Stop, closed; U Turn C-Store, 10 a.m. to 2 p.m.; Subway/TCBY/Juiceworks, 8 a.m. to 5 p.m.; Little Caesar's, 10 a.m. to 5 p.m.; administrative office, 8 a.m. to 5:30 p.m.; Craft Center/Sign & Design, closed; Student Academic Services, 8 a.m. to 4:30 p.m.; Dining Services (office hours), 8 a.m. to 4 p.m.; Credit Union, 9 a.m. to 5 p.m.; Traffic Division, 8 a.m. to 4:30 p.m.; Passport I.D., closed; Barber Shop, 8:30 a.m. to 5:30 p.m.; University Learning Center, 8 a.m. to 4:30 p.m.; computer labs (hours vary and will be posted at lab); building hours, 7 a.m. to 5:30 p.m.

The Memorial Union will be closed Wednesday, Dec. 25, and Wednesday, Jan. 1. – *Marsha Nelson, Facilities Coordinator, Memorial Union.*

### **Women's Center:**

The Women's Center will be closed Monday, Dec. 23, through Wednesday, Jan. 1. If you need assistance, please call the Dean of Students office at 777-2664. – *Patty McIntyre, Women's Center.*

### **University Letter:**

University Letter will not be published Dec. 27 or Jan. 3. The next University Letter will be dated Jan. 10. The deadline

for submitting items for publication is 1 p.m. Tuesday, Jan. 7. – *Jan Orvik, Editor, University Letter.*

### **Renew Parking Permits; Traffic Office Will Temporarily Relocate**

Everyone who qualifies for an “A” zone permit should have renewed their parking permits, which expired Dec. 2. Please make certain you have renewed your permit.

Due to renovations in the Memorial Union, the traffic office will move to 10-12 Swanson Hall beginning Monday, Dec. 30, through Saturday, Jan. 12. Hours are from 8:30 a.m. to 4:30 p.m. In order to accomplish the move, we will be closed Monday, Dec. 23 to Friday, Dec. 27. For more information, please call the office at 777-3551. In the event of an emergency, call the UND Police at 777-3491. We apologize for any inconvenience. – *Sherry Kapella, Traffic Office.*

### **Note Change In U2 Creativity Workshop**

The following workshop was incorrectly listed as meeting two times per session. Rather, the workshop meets one time for three-and-one-half hours. There are two dates to choose from. We apologize for any inconvenience. Please call 7-2128 for any other clarification or to register.

Thinking Outside the Box, Jan. 14, 8:30 a.m. to noon, 211 Rural Technology Center OR Jan. 16, 1 to 4 p.m., River Valley Room, Memorial Union.

Please note: The \$25 fee includes materials and refreshments, compared to \$140 off campus. It is payable by cash, check, credit card or ID billing; payment in advance is preferred. For ID billing, please provide the forms prior to the workshop date.

Creative thinking is critical to improvement and solving problems. But how can I be creative? This workshop will help you learn and practice techniques to expand your capacity to think “outside the box.” Creative thinking is a learnable skill. Participants can bring a work-related problem to apply creative-thinking skills.

Presenter: Steve Edwards (Creative Guy), Office of Workforce Development, Sponsor: University within the University.

### **Ray Richards Golf Season Passes Available Via Payroll Deduction**

Play golf at Ray Richards Golf Course in 2003 at the 2002 rate. This rate offer is available to faculty and staff who sign up for a season pass on payroll deduction. The payroll deduction will occur in January, February, and March 2003. The amount of the season pass will be deducted over six pay periods in equal installments beginning Jan. 15. The season pass will be available to you when the season opens in April. The amount deducted per pay period is \$32.91 for a total of \$197.46 (includes tax). This offer also applies to a faculty/staff family season pass. The deduction per pay period will be \$64.05 for a total of \$384.30 (includes tax).

Call 777-3759 for an application or if you have any questions. – *Wallace Bloom, Manager of Special Services.*

### **Raffle Winners Announced**

Winners of the Staff Senate 31 days of glory raffle are: Dec. 12, Bonnie Solberg, Memorial Union; Dec. 13, James Reimer, steam plant; Dec. 14, Lynn Wolf, ITSS; Dec. 15, Pam Carlson, UND Family Practice; Dec. 16, Cameron Blilie, son of Teresa Blilie, campus passport ID office; Dec. 17, Mary Bohlman, Biochemistry; Dec. 18, Dale Ricke, Television Center – *Tanya Northagen (Housing), for Staff Senate.*

### **Grants and Research**

#### **Research, Grant Opportunities Listed**

Following are research and grant opportunities. For additional information, contact the Office of Research and Program

Development at 777-4278 or shirley\_griffin@mail.und.nodak.edu.

## **AMERICAN FOUNDATION FOR UROLOGIC DISEASE, INC.**

Summer Medical Student Award—Introductory research fellowships provide an opportunity to work in urology research laboratories during the summer. **Deadline:** 2/1/03. **Contact:** Kym Liddick, 410-468-1812; kym@afud.org; <http://www.afud.org/research/Final%20Application%202002.pdf>.

## **AMERICAN HEART ASSOCIATION (AHA)**

Pulmonary Hypertension Association Postdoctoral Fellowship Award—Funding for trainees to embark on careers dedicated to study of pulmonary hypertension through basic or clinical research. Individuals who have a Ph.D., M.D., D.O. or equivalent degree are eligible. **Deadline:** 1/24/03. **Contact:** 214-706-1158; ncrp@heart.org; <http://www.americanheart.org/presenter.jhtml?identifier=12108>.

## **DEPARTMENT OF JUSTICE**

Promising Programs for Substance Abuse Prevention: Replication and Evaluation Initiative—Support for an initiative to replicate and evaluate effectiveness of 2 school-based substance abuse prevention programs: Project ALERT and Project SUCCESS. **Deadline:** 1/31/03. **Contact:** Janet Chiancone, 202-353-9258; chiancoj@ojp.usdoj.gov; <http://www.ncjrs.org/pdffiles1/ojjdp/s1000480.pdf>; <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2002/02-28970.htm>.

## **DEPARTMENT OF TRANSPORTATION (DOT)**

Grant Program for Research and Development in the Field of Transportation Statistics (BTS)—Support for projects that support development of the field of transportation statistics, and/or advance research or development in transportation statistics. **Contact:** Promod Chandhok, 202-366-2158; promod.chandhok@bts.gov; [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002\\_register&docid=02-28092-filed](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-28092-filed). **Deadline:** 1/31/03.

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

Measurement, Modeling, and Analysis Methods for Airborne Carbonaceous Fine Particulate Matter—Support for research grants to elucidate improved understanding of sources and accumulation of airborne, carbonaceous, fine particulate matter. **Deadline:** 2/5/03. **Contact:** Darrell Winner, 202-564-6929; winner.darrell@epa.gov; <http://es.epa.gov/ncer/rfa/current/2003airpm.html>.

## **HIV/AIDS BUREAU/HEALTH RESOURCES AND SERVICES ADMINISTRATION (HRSA)**

Special Projects of National Significance--Models of Comprehensive Care for Caribbeans Living in the U.S. (SPCCL)—Funding for demonstration projects that provide improved models of comprehensive care for Caribbeans in the U.S. **Contact:** Barbara Aranda-Naranjo, 301-443-4149; baranda-naranjo@hrsa.gov; [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002\\_register&docid=02-20021-filed](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-20021-filed). **Deadlines:** 2/04/03 (Letter of Intent); 3/18/03 (Full Application).

Telehealth Grant Program (THGP)—Funding for improvement of access to health services, development of community-based clinical telemedicine, and initiation of distance-learning education projects for health professionals, patients, and their families in rural communities. **Deadlines:** 2/5/04 (Letter of Intent); 3/17/02 (Full Application). **Contact:** Amy Barkin, 301-443-0447; abarkin@hrsa.gov; [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002\\_register&docid=02-20021-filed](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-20021-filed).

## **INFECTIOUS DISEASES SOCIETY OF AMERICA**

Pfizer, U.S. Pharmaceuticals Fellowship in Medical Mycology—Funding for young physicians to pursue careers in medical mycology and opportunistic pathogens. **Deadline:** 2/3/03. **Contact:** 703-299-0200; amucha@idsociety.org; <http://www.idsociety.org/PD/Nominations2003.pdf>.

### **JOHNSON (ROBERT WOOD) FOUNDATION**

Substance Abuse Policy Research Program—Support for research projects that will produce policy-relevant information about ways to reduce harm caused by use of tobacco, alcohol, and illicit drugs in the U.S. **Deadlines:** 2/7/03 (Letter of Intent, Request over \$100,000); None (Letter of Intent, Request less than \$100,000); 6/13/03 (Full Proposal). **Contact:** Tracy Enright Patterson, 336-716-5170; tpatters@wfubmc.edu; <http://www.rwjf.org/publications/publicationsPdfs/cfp-sapr8.pdf>.

### **MANNING DIVERSIFIED FOREST PRODUCTS TRUST FUND**

Support for research which furthers understanding of the boreal forest and sustainability of social, cultural, and economic values in the Northwest boreal region of Alberta. Research priorities are: forest hydrology; use of wood residues; forest product development; timber growth and yield; reforestation; technology transfer and public awareness; effects of timber harvesting on wildlife; song bird inventory; mixed wood management; fisheries inventory; wildlife inventory; and alternative timber harvesting methods. **Deadline:** 1/31/03. **Contact:** Andrew Shandro, 780-836-3111; mdfpwood@telusplanet.net; <http://www.mdfpresearch.ab.ca/app.htm>.

### **NATIONAL ALLIANCE FOR AUTISM RESEARCH**

Grants for Biomedical Research in Autism Spectrum Disorders—Support for biomedical research into the causes, prevention, treatment and cure of the autism spectrum disorders, including basic and applied research, clinical and non-clinical. **Deadlines:** 2/5/03 (Letter of Intent); 4/16/03 (Full Applications). **Contact:** 888-777-6227; naar@naar.org; <http://www.naar.org/grants/2002biogrants.htm>.

Grants for Research on Communication in Individuals With Autism—Funding for research relevant to understanding and improving communication capabilities of individuals with autism, particularly those who are nonverbal or minimally verbal. **Deadlines and Contact:** See Above or <http://www.naar.org/grants/2002comgrants.htm>.

Postdoctoral and Predoctoral Mentor-Based Fellowships—Support for training under mentorship of an established investigator engaged in autism research. **Deadline:** 1/6/03. **Contact:** 888-777-6227; naar@naar.org; <http://www.naar.org/grants/2002postfellow.htm> or <http://www.naar.org/grants/2002prefellow.htm>.

### **NATIONAL ENERGY TECHNOLOGY LABORATORY/ DEPARTMENT OF ENERGY (NETL/DOE)**

Large Scale Mercury Control Technology Field Testing Program—Funding for long-term field testing of advanced mercury control technologies to verify technology performance in terms of total (50-80%+ based on coal type, equipment, etc.) and speciated mercury removal relative to changes in load and coal-mercury concentration for all coal types (including blends) but emphasizing high-elemental, low rank coals; determine realistic process/equipment costs for various levels of mercury removed for a variety of equipment configurations focusing on smaller surface collection area (SCA) electrostatic precipitators (SCA<300 ft<sup>2</sup>/thousand actual cubic feet of flue-gas) for bituminous coals; determine mercury removal levels for blends of different rank coals including subbituminous/high-sulfur bituminous; quantify balance-of-plant (BOP) impacts such as Electro-Static Precipitator (ESP) performance, baghouse performance and bag life, byproduct contamination, corrosion, parasitic load, etc.; and measure and assess potential multiple pollutant or co-control associated with mercury control technology. **Deadline:** 3/31/03. **Contact:** Richard Rogus, 412-386-4486; rokus@netl.doe.gov; <http://e-center.doe.gov/iips/busopor.nsf/Solicitation+By+Number/DE-PS26-03NT41718-00?OpenDocument>.

**NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMSD)**

Deep Infection of Total Joint Replacements—Support for basic science and clinical studies to better understand the pathophysiology, diagnosis and treatment of deep infections around total joint replacement implants. **Contact:** James S. Panagis, 301-594-5055; jp149d@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-014.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

**NATIONAL INSTITUTE OF BIOMEDICAL IMAGING AND BIOENGINEERING (NIBIB)**

Systems and Methods for Small Animal Imaging—Funding for novel investigations related to development of small animal imaging devices and methods that can be applied broadly to research on diverse biological or disease processes. **Deadlines:** 1/16/03 (Letter of Intent); 2/13/03 (Application). **Contact:** Brenda Korte, 301-451-4774; kortebr@nibib.nih.gov; <http://grants1.nih.gov/grants/guide/rfa-files/RFA-EB-03-002.html> or <http://grants2.nih.gov/grants/guide/pa-files/PA-03-031.html>.

**NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT (NICHD)**

Support for research on Population Movement: Determinants and Consequences. **Contact:** Christine A. Bachrach, 301-496-9485; Cbachrach@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-032.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

**NATIONAL INSTITUTE OF DENTAL AND CRANIOFACIAL RESEARCH (NIDCR)**

Clinical Pilot Data Grant—Support for collection of clinical pilot data to be used in preparing applications for definitive Phase III clinical trials. Projects should focus on research that is particularly innovative and/or potentially of high impact to craniofacial, oral, and dental research. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Richard Mowery, 301-594-4848; rm33a@nih.gov; <http://grants1.nih.gov/grants/guide/pa-files/PAR-03-043.html>.

Clinical Trial Planning Grant—Support for planning definitive Phase III multicenter clinical trials, in order to identify effective preventive, diagnostic and treatment approaches to craniofacial, oral and dental diseases and disorders. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Maryann Redford, 301-594-5588; Maryann.Redford@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PAR-03-042.html>.

**NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDKD)**

Receptors and Signaling in Bone Health and Disease—Support for research on systemic hormones, local growth factors, and bone-active cytokines, their receptors and mechanisms of signaling in bone. **Contact:** Ronald N. Margolis, 301-594-8819; rm76f@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-017.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Role of Endothelial Dysfunction in Diabetic Complications—Support to study the role of endothelial alteration or dysfunction in the etiology and pathogenesis of micro- and macrovascular complications of diabetes. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Barbara Linder, 301-594-0021; linderb@extra.niddk.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-026.html>.

Support for Clinical Coordinating Centers and a Data Coordinating Center to conduct a Prospective Study of Chronic Kidney Disease in Children. **Contact:** Marva M. Moxey-Mims, 301-594-7717; mm726k@nih.gov; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-03-012.html>. **Deadlines:** 1/21/03 (Letter of Intent); 2/21/03 (Application).

**NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)**

MBRS Initiative for Minority Student Development (IMSD)—Support for development and/or expansion of

innovative programs to improve academic and research competitiveness of underrepresented minority students and facilitate their progress toward careers in biomedical research. **Deadline:** 2/1/03. **Contact:** Ernest D. Marquez, 301-594-3900; marquez@nigms.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-022.html>.

Mechanisms Underlying Individual Variations in Drug Responses—Support for research into identifying critical candidate proteins and/or genes that play essential roles in determining individual variations in drug responses. **Deadlines:** 2/1/03, 6/1/03, 10/1/03 (RO1); 4/1/03, 8/1/03, 12/1/03 (SBIR, STTR); 5/1/03, 9/1/03, 1/2/04 (AIDS or AIDS-Related). **Contact:** Rochelle M. Long, 301-594-1826; rl25b@nih.gov; <http://grants.nih.gov/grants/funding/phs398/phs398.html>; <http://grants.nih.gov/grants/guide/pa-files/PA-99-016.html>.

Minority Access to Research Careers (MARC) Ancillary Training Activities—Funding for program-related scientific meetings, conferences, technical assistance workshops, and other ancillary training activities that work toward increasing the number of underrepresented minorities participating in biomedical research. **Contact:** Hinda Zlotnik, 301-594-3900, zlotnikh@nigms.nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-03-026.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Structural Biology of Membrane Proteins—Support for basic research on structures of membrane proteins at atomic resolution. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Peter C. Preusch, 301-594-5938; <http://grants.nih.gov/grants/guide/pa-files/PA-02-060.html>.

## NATIONAL INSTITUTE OF JUSTICE

W.E.B. DuBois Fellowship Program—Funding for individuals with a Ph.D. or other doctoral-level degree or a degree of J.D. or higher to conduct research on the confluence of crime, justice, and culture in various societal contexts. **Deadline:** 2/3/03. **Contact:** 800-851-3420; askncjrs@ncjrs.org; <http://www.ncjrs.org/pdffiles1/nij/sl000581.pdf>.

## NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)

Design, Measurement, and Statistical Analysis in Mental Health Research—Support for work on design, measurement, and statistical challenges inherent in conducting mental health services research. **Contact:** Ann A. Hohmann, 301-443-4235; ahohmann@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-01-018.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Exploratory/Developmental Grants—Support for innovative research directions requiring preliminary testing or development; exploration of the use of approaches and concepts new to a particular substantive area; research and development of new technologies, techniques or methods; or initial research and development of a body of data upon which significant future research may be built, i.e., data should have a high level of impact on the field. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Michael F. Huerta, 301-443-3563; mhuerta@helix.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-073.html>.

Research Core Centers for Advanced Neuroinformatics Research—Support for shared coordinated resources to facilitate collaborative, interdisciplinary and multidisciplinary efforts in neuroinformatics. **Deadlines:** Letter of Intent required; 1/21/03, 5/21/03, 9/22/03 (Application). **Contact:** Stephen H. Koslow, 301-443-1815; koz@helix.nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-03-037.html>.

Research on Adherence to Interventions for Mental Disorders—Support for research on adherence and behavior change that integrates findings from basic behavioral sciences with interventions for mental disorders, symptoms, or related disability. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Peter Muehrer, 301-443-4708; pmuehrer@nih.gov; <http://grants.nih.gov/grants/guide/pa-files/PA-00-016.html>.

Research on Mental Illnesses in Older Adults—Support for research to reduce the burden of mental illnesses on older adults. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Jason T. Olin, 301-443-6328;

jolin@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-03-014.html>.

## NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE (NINDS)

Exploratory/Developmental Grants—Support for innovative, high impact research projects that generate pilot data to assess feasibility of a novel avenue of investigation; involve high risk experiments that could lead to a breakthrough in a particular field; or demonstrate feasibility of new technologies that could have major impact in a specific research area. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** <http://www.ninds.nih.gov/funding/r21guidelines.htm>.

New Direction in Pain Research: I—Support to study mechanisms underlying analgesic response and pain to advance development of novel pain interventions, treatments and management strategies. **Contact:** Cheryl A. Kitt, 301-496-1431; [ck82j@nih.gov](mailto:ck82j@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-98-102.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Role of Microglia in Normal and Abnormal Immune Responses of the Nervous System—Support for research into the role of microglia in initiation and expansion of autoimmune processes of the central nervous system (CNS) and resulting injury to CNS components. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** A.P. Kerza-Kwiatecki, 301-496-1431; [ak45w@nih.gov](mailto:ak45w@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-00-029.html>.

## NATIONAL INSTITUTE OF NURSING RESEARCH (NINR)

Acute and Chronic Care During Mechanical Ventilation—Support for investigator-initiated research to improve clinical management and care delivery of patients who require mechanical ventilation. **Contact:** Hilary D. Sigmon, 301-594-5970; [hs38k@nih.gov](mailto:hs38k@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-99-003.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Telehealth Interventions to Improve Clinical Nursing Care—Support for investigator-initiated research related to telehealth interventions designed to improve clinical nursing care. Research to test new telehealth interventions for minority or underserved patient populations, diverse clinical situations, and/or diverse clinical settings and research involving multidisciplinary collaborations is encouraged. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Nell Armstrong, 301-594-5973; [carole\\_hudgings@nih.gov](mailto:carole_hudgings@nih.gov); <http://grants.nih.gov/grants/guide/pa-files/PA-00-138.html>.

## NATIONAL INSTITUTES OF HEALTH (NIH)

Bench to Bedside Research on Type 1 Diabetes and its Complications—Support for applications involving partnerships between clinical and basic biomedical researchers with the goal of translating advances in our understanding of the molecular basis of type 1 diabetes and its complications into new therapies for prevention, treatment and cure of the disease. **Deadlines:** 1/29/03 (Letter of Intent); 2/26/03 (Application). **Contact:** James F. Hyde, 301-594-7692; [jh486z@nih.gov](mailto:jh486z@nih.gov); <http://grants2.nih.gov/grants/guide/rfa-files/RFA-DK-03-001.html>.

Bone Anabolic Hormones, Their Receptors and Signal Transduction Pathways—Funding for research focused on systemic hormones, local growth factors and bone-active cytokines with potential bone anabolic effects. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** See program announcement for contact at appropriate agency; <http://grants2.nih.gov/grants/guide/pa-files/PA-03-008.html>.

Complications of Antiretroviral Therapy—Funding for research in fundamental biochemical or pathogenic mechanisms of metabolic complications associated with HIV-disease and antiretroviral therapy. **Deadline:** 2/1/03. **Contact:** Barbara Laughon, 301-402-2304; [blaughon@niaid.nih.gov](mailto:blaughon@niaid.nih.gov); <http://grants2.nih.gov/grants/guide/pa-files/PA-02-172.html>.

Development of Cell-Selective Tools for Studies of the Bladder, Prostate, and Genitourinary Tract—Support



for development of new, cell-selective research tools and methods applicable to studies of the bladder, prostate, and other organs of the GU tract, including: discovery of genes selective to individual cell types; characterization of cell-selective promoters; generation of transgenic mice carrying gene-disruptions under cell-selective or temporal control; generation of antibodies to cell-selective proteins; development of novel imaging techniques to study individual cell-types; discovery of biomarkers that indicate health or mass of individual cell-types; development of cell-selective “drugable” targets and assays for such targets in animal models and/or humans; and identification of cell specific markers to aid studies of epithelial-stromal interaction in normal and malignant tissues. **Contact:** Chris Mullins, 301-594-7717; cm419z@nih.gov; <http://grants2.nih.gov/grants/guide/notice-files/NOT-DK-02-010.html>; <http://grants2.nih.gov/grants/guide/pa-files/PAR-02-143.html>. **Deadline:** 2/3/03.

Enhancing Adolescent Health Promotion Across Multiple High Risk Behaviors—Support research to: identify determinants of health promoting and health compromising behaviors among adolescents and identify and evaluate interventions and methodologies that show promise for improving health profiles of adolescents by assessing, preventing, reducing and or ameliorating high-risk behaviors. **Deadline:** 2/1/03. **Contact:** Janice Phillips, 301-594-6152; janice\_Phillips@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-159.html>.

Informal Caregiving Research for Chronic Conditions—Funding for research to advance science in informal caregiving by focusing on caregivers of individuals with chronic illness, disability, or functional impairment requiring partial or full dependency on others. **Deadline:** 2/1/03. **Contact:** Nell Armstrong, 301-594-5973; nell.armstrong@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-155.html>.

Innovation Grants for Research in Human Immunology—The expiration date for applications in response to PA-02-073 (<http://grants.nih.gov/grants/guide/pa-files/PA-02-073.html>) has been changed to 2/4/03 and 2/1/03 has been added as a receipt date for new competing applications. **Contact:** Susan F. Plaeger, 301-402-9444; SPlaeger@niaid.nih.gov; <http://grants2.nih.gov/grants/guide/notice-files/NOT-AI-02-055.html>.

Long-Term Care Recipients: Quality of Life and Quality of Care Research—Support for research on improving quality of life, health, functional abilities, and health outcomes for residents of long-term care (LTC) institutions such as nursing homes, extended care, and assisted living facilities. **Contact:** See program announcement for contact at appropriate agency; <http://grants2.nih.gov/grants/guide/notice-files/NOT-MH-02-010.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Race/Ethnic Disparities in Incidence of Diabetes Complications—Support for research to understand racial/ethnic disparities in development of microvascular (nephropathy, retinopathy, and neuropathy), and macrovascular (cardiovascular disease and stroke) complications of diabetes. **Contact:** See program announcement for contact at appropriate agency; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-165.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Risk Factors for Psychopathology Using Existing Data Sets—Support for extensive and innovative use of existing data sets to study development of psychopathology, including drug abuse, in order to guide development of prevention and early intervention strategies. **Contact:** Karen H. Bourdon, 301-443-5944; kbourdon@nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-03-044.html>.

Studies into Causes and Mechanisms of Dystonia—Support for new studies on underlying causes of human dystonia, secondary consequences of the disorders it causes, and potential therapeutic strategies for treating these conditions. **Deadline:** 2/1/03. **Contact:** Katrina Gwinn-Hardy, 301-496-5745; gwinnk@ninds.nih.gov; <http://grants2.nih.gov/grants/guide/pa-files/PA-02-156.html>.

Support for establishment of Morris K. Udall Parkinson’s Disease Research Centers of Excellence to conduct research aimed at improved diagnosis and treatment of patients with Parkinson’s Disease and related neurodegenerative disorders. **Contact:** See program announcement for contact at appropriate agency; <http://grants2.nih.gov/grants/guide/pa-files/PAR-03-004.html>. **Deadlines:** 2/1/03, 6/1/03, 10/1/03.

Support of Scientific Meetings (Conference Grants)—Support for scientific meetings, conferences, and workshops relevant to NIH's scientific mission and public health. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Note:** Check guidelines of appropriate Institute or Center; some require letters of intent BEFORE the above-listed deadlines. **Contact:** <http://grants.nih.gov/grants/guide/notice-files/not98-151.html>.

Translational Research for Prevention and Control of Diabetes—Support to translate recent advances in prevention and treatment of types 1 or 2 diabetes into clinical practice for individuals and communities at risk. **Deadline:** 2/1/03. **Contact:** Sanford Garfield, 301-594-8803; [sg50o@nih.gov](mailto:sg50o@nih.gov); <http://grants2.nih.gov/grants/guide/notice-files/NOT-DK-02-008.html>.

## NATIONAL LIBRARY OF MEDICINE

Publication Grants—Short-term assistance for preparation of book-length manuscripts about information of value to U.S. health professionals (e.g., major critical reviews, historical studies, and current developments in informatics, technology, librarianship, and secondary reference materials in the biomedical field). Publication in media other than traditional hardcopy (e.g., electronic, film, etc.) are encouraged, as are new and innovative ways of organizing and presenting information. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** Susan M. Sparks, 301-594-4882; [sparks@nlm.nih.gov](mailto:sparks@nlm.nih.gov); <http://www.nlm.nih.gov/pubs/factsheets/pubgrant.html>.

## NATIONAL NEUROFIBROMATOSIS FOUNDATION

David Stoner Prize for Neurofibromatosis Research Ideas—A prize of \$10,000 for graduate students and post doctoral fellows for research ideas in neurofibromatosis. **Deadline:** 1/31/03. **Contact:** Jackie Medina, 212-344-6633; [jmedina@nf.org](mailto:jmedina@nf.org); <http://www.nf.org/nfprize>.

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

Global Ocean Data Assimilation Experiment (GODAE)—Support for implementing initial, pre-operational U.S. contribution(s) to the Global Ocean Data Assimilation Experiment. **Deadlines:** 1/10/03 (Letter of Intent); 2/24/03 (Proposal). **Contact:** Stephen R. Piotrowicz, 703-588-0850; [Steve.Piotrowicz@noaa.gov](mailto:Steve.Piotrowicz@noaa.gov); <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2002/02-31195.htm>.

## NATIONAL RESEARCH COUNCIL (NRC)

Research Associateship Programs—Funding for scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Agencies participating, areas of interest, deadlines, and contact information follow. **Deadlines:** 2/1/03, 5/1/03, 8/1/03, 11/1/03. **Contact:** Associateship Programs, 202-334-2760; [rap@nas.edu](mailto:rap@nas.edu).

Air Force Research Laboratory—For research interests, see:  
<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&13~AFRL>.

Albany Research Center—Research interests are: Carbon Dioxide Sequestration by Direct Mineral Carbonation; Corrosion Performance of Infrastructure Materials; Damage of Brittle Materials by Indentation and Impact; Development of Wear-Resistant Materials through Solidification Processing; Development, In Situ Repair, and Recycling of Advanced Refractories; Microstructure-Property Relationships in Advanced Materials; Real-Life Wear Processes; Steel Passivation in High-Temperature Aqueous Environments; and Synthesis and Joining of Advanced Materials. **Contact:** <http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&12~ALRC>.

Armed Forces Radiobiology Research Institute—For research interests see:  
<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&15~AFRRI>.

Center for Devices and Radiological Health—For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&32~CDRH>.

Environmental Protection Agency—Major goals: perform research and development to identify, understand, and solve current and future environmental problems; interpret and integrate scientific information to help organizations at all levels make better decisions about improving the environment; and provide national leadership in addressing emerging environmental issues and advancing science and technology of risk assessment and risk management. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&22~EPA>.

FAA/Civil Aerospace Medical Institute—Areas of interest are: Advanced Flight-Deck Systems and Flight-Crew Performance; Aerospace Vision Research; Biochemical Research; Human Error Associated with Aviation Accidents; Mathematical Modeling for Aerospace Protection and Survival; Measuring Cognitive Complexity and Performance in Air Traffic Control; Personnel Selection for Safety-Sensitive Jobs; Radiobiology: Radiation Safety in Aerospace Environments; and Toxicological Analysis and Interpretation of Results from Transportation Accidents. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&31~CAMI>.

Federal Highway Administration/Turner-Fairbank Highway Research Center—For areas of interest see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&27~FHWA>.

NASA Ames Research Center—Areas of interest: aerospace human factors, aerodynamics, aircraft control and guidance, biomedical research, biosystems, computational fluid dynamics, computer sciences, earth-science applications, extraterrestrial research, flight systems and simulation research, helicopter and powered-lift technology, life-sciences flight experiments, man-vehicle systems research, materials sciences, simulation sciences, space sciences, systems engineering, and thermodynamics and gas dynamics. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.10~ARC>.

NASA George C. Marshall Space Flight Center—For areas of interest see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.70~MSFC>.

NASA Goddard Space Flight Center—For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.30~GSFC>.

NASA Jet Propulsion Laboratory—For research interests, see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.40~JPL>.

NASA John C. Stennis Space Center—Areas of interest are: Archeological/Anthropological Predictive Modeling; Cryogenics, Cryogenic Instrumentation, and Cryogenic High-Pressure and Ultrahigh-Pressure Fluid Systems; Earth Science Applications Research; Intelligent Monitoring and Diagnosis of Sensors, Processors, and Equipment in a Rocket Engine Test Stand; Nonintrusive Remote Sensing of Propulsion Test Parameters; Remote Sensing in Biological Oceanography; Remote Sensing of Vegetation and Natural Resources; and Rocket Propulsion Systems Testing: Modeling, Control, and Simulation. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.99~SSC>.

NASA John F. Kennedy Space Center—Areas of interest are: aquatic technology research and development; biological engineering; bioregenerative studies for advanced life support; fire ecology, scrub restoration, and landscape dynamics on Merritt Island/Kennedy Space Center; landscape/estuarine ecology; and plant space biology. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.11~KSC>.

NASA John H. Glenn Research Center at Lewis Field—Programs encompass aeronautical, space, and aerospace propulsion; space power; communications; and microgravity science. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.54~GRC>.

NASA Langley Research Center—Disciplines include aerodynamics; operations and airworthiness;

acoustics and noise reduction; structures and materials; flutter, aeroelasticity, dynamic loads, and structural response; fatigue and fracture; electronic and mechanical instrumentation; computer technology; flight dynamics and control; and communications technology. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.50~LARC>.

NASA Lyndon B. Johnson Space Center. For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&44.60~JSC>.

National Institute for Occupational Safety and Health. For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&53~NIOSH>.

National Oceanic and Atmospheric Administration—Broad interest areas are: the oceans and Great Lakes, the lower and upper atmosphere, and the space environment. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&26~NOAA>.

Naval Medical Research Center/Naval Health Research Center—Areas of interest include: aerospace medicine, submarine medicine, diving, preventive medicine, and the behavioral sciences. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&56~NMRC/NHRC>.

Naval Postgraduate School—For areas of interest, see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&62~NPS>.

Space and Naval Warfare Systems Center—For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&59~SPAWARSYSCEN>.

U.S. Army Aviation and Missile Command—Areas of interest are: Fluid Dynamics; Integrated and Guided Wave Optical Devices; Linear and Nonlinear Light-Matter Interactions; Neural Network Research; Nonlinear Dynamics and Chaos Engineering; Nonlinear Optics; Quantum Correlations, Quantum Coherence Control, and Effects in Solids; Quantum Information; Theoretical and Numerical Research in Quantum and Nonlinear Optics; and Ultrafast and Relativistic Optics. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&79~AMCOM>.

U.S. Army Edgewood Chemical & Biological Center--U.S. Army Soldier & Biological Chemical Command—Basic research interests are: chemistry, physics, microbiology, biophysics, materials research, biotechnology, and toxicology to support development of new or improved defense systems against chemical, toxin, and biological threats. **Contact:**

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&11~ECBC>.

U.S. Army Medical Research and Materiel Command—Research programs are: Military Infectious Diseases, Combat Casualty Care, Military Operational Medicine, and Medical Chemical and Biological Research. **Contact:** <http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&97~AMRMC>.

U.S. Army Natick Soldier Center-U.S. Army Soldier and Biological Chemical Command—For research interests, see: <http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&39~NSC>.

U.S. Army Research Office—For research interests see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&14~ARO>.

U.S. Geological Survey—For research interests, see:

<http://www4.nas.edu/pga/rap.nsf/frmLabInfoSearchResults?ReadForm&90~USGS>.

## NATIONAL SCIENCE FOUNDATION (NSF)

Biocomplexity in the Environment (BE): Integrated Research and Education in Environmental Systems-- Coupled Biogeochemical Cycles (CBC)—Support for research to illuminate the complex web of material and energetic pathways connecting environmental processes to dynamics of life on Earth, with emphasis on

the systems approach to understanding interrelationships among earth system cycles at both the molecular and macroscopic levels. **Contact:** Donald Rice, 703-292-8582; drice@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02167/nsf02167.htm>. **Deadline:** 1/28/03.

Biophotonics Partnership Initiative IV—Support for high risk/high return, multi-disciplinary studies of novel concepts in biophotonics. **Deadline:** 2/1/03. **Contact:** Leon Esterowitz, lesterow@nsf.gov; <http://www.nsf.gov/pubs/2003/nsf03501/nsf03501.htm>.

Cognitive Neuroscience Grants—Funding for highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through evolutionary time, with special interest in supporting development of new techniques and technologies for recording, analyzing, and modeling complex brain activity. **Deadlines:** 1/15/03, 7/15/03. **Contact:**

Lawrence M. Parsons, 703-292-7249; lparsons@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02031/nsf02031.htm>.

Developmental and Learning Sciences (DLS)—Centers Research Projects—Support for creation of research centers to conduct multidisciplinary, integrative research on scales larger than might be possible through individual research projects. Research should be focused on mechanisms of development that explain when and how children and adolescents acquire new skills and knowledge and to elucidate the underlying developmental processes that support learning. **Deadline:** 2/1/03. **Contact:** Marguerite Barratt, 703-292-8732; mbarratt@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02008/nsf02008.htm>.

Developmental and Learning Sciences (DLS)—Individual Investigator Research Projects—Support for studies that increase understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development. Research should add to basic knowledge of how people learn and underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. **Deadlines:** 1/15/03, 7/15/03. **Contact:** See above.

Developmental and Learning Sciences (DLS)—Workshops and Small Conferences—Support for workshops and small conferences to assist in assessing the research need of the field and for planning ways to address research gaps. **Deadlines:** 1/15/03, 7/15/03. **Contact:** See Above.

Dynamic System Modeling, Sensing and Control Program (DSMSC)—Support for research on fundamental engineering concepts, theories and their experimental validations for modeling, analysis, simulation and control of dynamic systems, including study of new control methods, acoustics, vibrations, system complexity and kinematics relationships. This program also supports research on information technologies as related to smart and adaptive civil and mechanical systems at all physical scales, including study of new technologies for sensing and acquiring information; multiple and intelligent system functionality; and modeling, synthesis, simulation, and prototyping of intelligent systems and their components including smart structures. **Deadline:** 2/7/03. **Contact:** Masayoshi Tomizuka, 703-292-8360; mtomizuk@nsf.gov; [http://www.eng.nsf.gov/cms/About\\_CMS/DSC/dsc.htm](http://www.eng.nsf.gov/cms/About_CMS/DSC/dsc.htm).

Geotechnical and GeoHazards Systems (GHS)—Support to advance fundamental engineering and related knowledge for geotechnical (foundations, slopes, excavations, soil and rock improvement technologies, and reinforcement systems); geohazards mitigation; constitutive modeling and verification; remediation and containment of geoenvironmental contamination; transferability of laboratory results to field scale; and non-destructive and in situ evaluation. **Deadline:** 2/7/03. **Contact:** Clifford Astill, 703-292-8360; castill@nsf.gov; [http://www.eng.nsf.gov/cms/About\\_CMS/GHS/ghs.htm](http://www.eng.nsf.gov/cms/About_CMS/GHS/ghs.htm).

Grants for Collaborative Research—Support for collaborative research or infrastructure programs that deal with intellectual and social contexts that govern development and use of science and technology. **Contact:**

Bruce E. Seely, 703-292-7283; bseely@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf01159/nsf01159.html>.  
**Deadlines:** 2/1/03, 8/1/03.

Human Origins (HOMINID) (SBE-BCS)—Support for large scale, long term, integrative research and infrastructure projects to enhance knowledge of complex biological, physical and behavioral interrelationships that led to development of our species. **Deadline:** 2/3/03. **Contact:** Mark Weiss, 703-292-7321; mweiss@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf01120/nsf01120.html>.

International Opportunities for Scientists and Engineers—Support to create new partnerships between U.S. investigators and their colleagues in other countries, or new cooperative projects between established collaborators. Activities may be in any field of science and engineering research and education supported by NSF. Activities of junior investigators may also be supported. **Contact** persons for each of the following regions are provided at <http://www.nsf.gov/sbe/int/start.htm>: Africa, Near East, and South Asia (ANESA); Americas (AMERICAS); Central and Eastern Europe (CEE); East Asia and Pacific (EAP); Western Europe (WE). **Contact:** <http://www.nsf.gov/pubs/ods/getpub.cfm?nsf00138>.

Joint NSF/Private Sector Research Opportunities Initiative—NSF will match private sector support for qualifying research projects in the areas of operational control, management systems, and strategic planning. Topics can range from production, manufacturing, and marketing problems facing industrial firms and service organizations, to the role of decision analysis and decision support systems in improving the way individuals and groups make choices under conditions of risk and uncertainty. **Deadlines:** 1/15/03, 8/15/03. **Contact:** Robert O'Connor, 703-292-7263; roconnor@nsf.gov; <http://www.nsf.gov/pubs/stis1993/nsf92136/nsf92136.txt>.

Mid-Career Methodological Opportunities—Support for research fellowships in the social, behavioral, economic, and statistical sciences to facilitate development of innovative methods and models for understanding complex social and behavioral science phenomena. **Deadlines:** 1/15/03, 8/15/03. **Contact:** Cheryl L. Eavey, 703-292-7269; ceavey@nsf.gov; <http://www.nsf.gov/sbe/ses/mms/midcareer.htm>.

Support for Pan-American Advanced Studies Institutes (PASI), short courses of 2-4 weeks duration, involving lecturers of international standing at the advanced graduate and postgraduate level. The goal is to disseminate advanced scientific and engineering knowledge and stimulate training and cooperation among researchers of the Americas in the physical sciences and engineering fields. **Deadline:** 1/30/03. **Contact:** Eduardo Feller, 703-292-8710; efeller@nsf.gov; <http://www.nsf.gov/pubs/2003/nsf03506/nsf03506.htm>.

Partnership in Electric Power Networks Efficiency and Security (EPNES)—Funding to build new partnerships focused on achieving efficient and secure electric power networks under uncertain demands, which will allow more unified, coherent research to ensure reliable, secure, and efficient electric power networks. The program will also address socio-economic issues, environmental issues, new pedagogy and curricula to prepare a future workforce, and development of integrated tools on grand challenge benchmark systems. Because an institution can only submit one proposal for EPNES as lead institution, please notify ORPD (7-4278) if you are interested in applying to this program. **Contact:** James Momoh, jmomoh@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02188/nsf02188.htm>. **Deadline:** 2/3/03.

Professional Development Fellowships—Funding for researchers trained in history, philosophy, or social studies of science and technology who wish to improve and expand skills in science or engineering, and conversely for physical and natural scientists and engineers who desire training in Science and Technology Studies (STS) disciplines. **Deadlines:** 2/1/03, 8/1/03. **Contact:** Bruce Seely, 703-292-7283; bseely@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf01159/nsf01159.html>.

Quantum and Biologically Inspired Computing (QuBIC)—Support for research to improve fundamental capabilities of computer and information sciences and engineering by incorporating insights from either biological systems or quantum foundations or both. **Deadline:** 2/3/03. **Contact:** Mita Desai, 703-292-8980; mdesai@nsf.gov; <http://www.nsf.gov/pubs/2002/nsf02017/nsf02017.html>.

Scholars Awards—Support for research and related activities that contribute to systematic understanding of the character and development of science and technology, including their cultural, intellectual, material and social dimensions. Support is provided for research on the nature and development of science and technology, past and present; on differences in the nature of theory and evidence in various fields of science and engineering; and on interactions among science, technology and society. Proposals are welcomed from various disciplinary perspectives, including history of science, history of technology, philosophy of science, and various social sciences, including sociology, anthropology, and political science. **Deadlines:** 2/1/03, 8/1/03. **Contact:** Bruce E. Seely, 703-292-7283; bseely@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf01159/nsf01159.html>.

Societal Dimensions of Engineering, Science, and Technology (SDEST)--Postdoctoral and Professional Development Fellowships (PDF)—Funding to enhance methodological skills in areas of predoctoral training or associated areas and for Professional Development Fellowships to enable SDEST researchers to expand into areas relevant to their research interests for which supplemental training is needed. Focus is on Ethics and Values Studies (EVS) (examinations of the ethical and value dimensions in those interactions); and Research on Knowledge, Science and Technology (RST) (research on social and strategic choices that influence knowledge production and innovation and their effects). **Deadlines:** 2/1/03, 8/1/03. **Contact:** Rachele D. Hollander, 703-292-7272; rholland@nsf.gov; <http://www.nsf.gov/pubs/2001/nsf01152/nsf01152.html>.

Societal Dimensions of Engineering, Science, and Technology (SDEST)-Standard Grants—Support for research, infrastructure or education projects that examine questions that arise in the interactions of engineering, science, technology, and society. Funding for infrastructure projects involving a variety of activities to stimulate and provide resources for new research areas, including outreach efforts. Projects can include development and dissemination of appropriate data bases, text retrieval systems, and graphic resources for research, educational or public use. **Deadlines and Contact:** See above.

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

Civilian Radioactive Waste Management Fellowships—Support for graduate and undergraduate work in fields related to management of spent nuclear fuel and high-level radioactive waste. Areas of interest include earth sciences, engineering, material science, and radiation sciences. **Deadline:** 1/27/03. **Contact:** Colleen Babcock, 865-576-9272; babcockc@orau.gov; <http://www.orau.gov/orise/edu/DOE/gi-gCRWM.htm>.

Fusion Energy Postdoctoral Research Program—Support for participation in fusion energy research and development programs at participating DOE laboratories. **Deadline:** 2/1/03. **Contact:** Linda McCamant, 865-576-1089; mccamanl@orau.gov; <http://www.orau.gov/orise/edu/DOE/gi-pdFEPR.htm>.

Fusion Energy Sciences Fellowship—Support for graduate work in magnetic fusion science and engineering. **Contact:** Tom Richmond, 865-576-2194; richmont@orau.gov; <http://www.orau.gov/orise/edu/DOE/gi-gFES.htm>. **Deadline:** 2/1/03.

## OFFICE OF NAVAL RESEARCH (ONR)

Medical Science and Technology Division Programs—Support is provided for research and development directed at maintaining health and performance of Navy and Marine Corps personnel during training, routine operations, special operations and in time of war, including conferences and workshops on topics programmatically relevant. General areas of interest include varied biomedical disciplines (e.g., immunology, shock physiology, environmental physiology, environmental neurotoxicology, molecular cell biology, psychology, and other biomedical sciences). **Deadlines:** 2/1/03 (Preproposal); 6/1/03 (Proposal). **Contact:** 703-696-2660; Sevgi\_Bullock@onr.navy.mil; [http://www.onr.navy.mil/sci\\_tech/personnel/med\\_sci/med\\_st\\_div.htm](http://www.onr.navy.mil/sci_tech/personnel/med_sci/med_st_div.htm).

Science and Technology Research Program: Cognitive, Neural & Biomolecular—Support for basic and

applied cognitive, neural and biomolecular science research of importance to naval operations. **Deadlines:** 2/1/03 (Preproposal); 6/1/03 (Proposal). **Contact:** Willard S. Vaughan, 703-696-4505; vaughaw@onr.navy.mil; <http://www.onr.navy.mil/>; [http://www.onr.navy.mil/sci\\_tech/personnel/cnb\\_sci/cnb\\_st\\_div.htm](http://www.onr.navy.mil/sci_tech/personnel/cnb_sci/cnb_st_div.htm).

## OTTINGER FOUNDATION

Economic Security and Development Grants Program—Support for projects that alleviate poverty and help low and moderate-income families attain long-term economic security and self-sufficiency. Interest areas are: economic development; asset building; living wage campaigns; welfare/workfare reform; microenterprise development; union democracy; childcare; pension/retirement security reform; healthcare; income support; corporate accountability; tax reform; workforce development/job training; and budget priorities. **Contact:** Michele Lord, 212-764-1508; [info@ottingerfoundation.org](mailto:info@ottingerfoundation.org); <http://www.ottingerfoundation.org/guidelines.html#Program>. **Deadline:** 2/1/03 (Letter of Inquiry).

## PEACE DEVELOPMENT FUND

Support for projects working to achieve peaceful, just, and equitable relationships among people and nations. Focus is on relationships between the U.S. and peoples and countries elsewhere in the world; relationships among people and groups within the U.S.; and relationships between institutions, the power that maintains them and individuals whom they serve. **Deadlines:** 2/1/03, 9/1/03 (Letter of Intent). **Contact:** 413-256-8306 x236; [grants@peacefund.org](mailto:grants@peacefund.org); <http://www.peacedevelopmentfund.org/grant/grtprio.htm>.

## RANSOM (HARRY) HUMANITIES RESEARCH CENTER

Research Fellowships are offered for research in: literary, cultural, or historical study of the 18th century; British literary, cultural, and historical subjects; 19th-early 20th British topics; 20th century art, journalism, women's studies, and general literature and culture; Jewish authors and relevant cultural topics; publishing and general literary studies; general literary and cultural studies; photography collections; Renaissance Studies; film collections; and modernism. **Deadline:** 2/1/03. **Contact:** Debra Armstrong, 512-471-8944; [dram@mail.utexas.edu](mailto:dram@mail.utexas.edu); <http://www.hrc.utexas.edu/about/fellowships/application/>.

## RESOURCES FOR THE FUTURE, INC.

Fellowships in Environmental Regulatory Implementation—Funding for research that documents implementation and outcomes of environmental regulations. **Deadlines:** 1/6/03 (Preproposal); 2/28/03 (Proposal). **Contact:** 202-328-5060; [http://www.rff.org/about\\_rff/ERI\\_fellow.htm](http://www.rff.org/about_rff/ERI_fellow.htm).

## RETT SYNDROME RESEARCH FOUNDATION

Support for junior and senior investigators for international biomedical research into the treatment and cure of Rett Syndrome. Relevant disciplines include but are not limited to genetics, development biology, molecular biology, biochemistry, cellular physiology, neurology, immunology, pharmacology, gastroenterology, orthopedics, and experimental neurotherapeutics. Postdoctoral Fellowships assist students in establishing careers in fields relevant to Rett Syndrome research. Treatment related research is especially encouraged. **Contact:** 513-874-3020; [research@rsrf.org](mailto:research@rsrf.org); [http://www.rsrf.org/research\\_grant\\_program\\_general.shtml](http://www.rsrf.org/research_grant_program_general.shtml). **Deadline:** 1/31/03 (Letter of Intent); 5/1/03 (Application).

## ROCKEFELLER FOUNDATION

Humanities Fellowships--Civic Professionalism & Global Regionalism: Justice, Sustainability and Scaling Up of Community Participation—Support for research and dialogue on local and regional impacts of globalization, especially in Appalachia, southern Mexico and northeast India. **Deadline:** 2/3/03. **Contact:** Pam Webb, 859-257-4851; [rock@uky.edu](mailto:rock@uky.edu); [http://www.rockfound.org/Documents/529/RFbroch03\\_04.pdf](http://www.rockfound.org/Documents/529/RFbroch03_04.pdf).



Humanities Fellowships--Cultural Dimensions of the Mexican Transition: Migration, Identity, Gender and Violence--Funding for research at the Regional Center for Multidisciplinary Research (CRIM) of the National Autonomous University of Mexico. **Deadline:** 1/31/03. **Contact:** Lourdes Arizpe, Telephone: 52-777-313-0316; crim@servidor.unam.mx; [http://www.rockfound.org/Documents/529/RFBroch03\\_04.pdf](http://www.rockfound.org/Documents/529/RFBroch03_04.pdf).

### SHWACHMAN-DIAMOND SYNDROME INTERNATIONAL

Support for research relevant to Shwachman-Diamond Syndrome (SDS). Areas of particular interest are research to: develop diagnostic tests; identify gene(s) for SDS; characterize natural history of the syndrome; collect centralized data on bone marrow abnormalities; evaluate predictors of bone marrow abnormalities to determine correlation with the disease; determine causes of bone marrow failure and leukemia; further delineate pathogenesis of pancreatic disease; characterize dental problems; determine if differences in disease complications occur dependent on persistent vs. cyclic neutropenia; and determine physiologic rationale for decreased need for exogenous enzymes with age. **Deadlines:** 1/31/03 (Letter of Intent); 3/31/03 (Application). **Contact:** 877-737-4685; 4sskids@shwachman-diamond.org; <http://www.shwachman-diamond.org/grants.html>.

### SEMICONDUCTOR RESEARCH CORPORATION

Peter Verhofstadt Fellowship--Funding for graduate study in the physical sciences, specifically chemistry, physics, mathematics, or biophysics. **Deadline:** 2/3/03. **Contact:** 919-941-9400; students@src.org; [http://www.src.org/member/news/verhofstadt\\_02.asp](http://www.src.org/member/news/verhofstadt_02.asp).

### SMITHSONIAN INSTITUTION

National Museum of the American Indian--Internship Program--Support for Native American, Native Hawaiian and Alaska Native students and scholars to pursue directed-research projects using the Institution's resources. **Deadlines:** 2/1/03, 7/13/03. **Contact:** 301-238-6624; interns@ic.si.edu; <http://www.si.edu/nmai>; <http://www.si.edu/ofg/intern.htm#inmai>.

Native American Community Scholar's Awards--Funding for Native American scholars, formally or informally related to a Native American community or tribe, to undertake individually designed research projects related to Native American topics, using the Institutions resources. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** 202-275-0655; siofg@si.edu; <http://www.si.edu/research+study>; <http://www.si.edu/ofg/PDFfiles/NAPcomsch.PDF>.

Native American Internship Program--Support for Native American students to pursue projects related to Native American topics and use Native American resources at the Smithsonian. **Deadlines:** 2/1/03 (Summer), 6/1/03 (Fall), 10/1/03 (Spring). **Contact:** 202-275-0655; siofg@si.edu; <http://www.si.edu/ofg/intern.htm#iofg>.

Native American Visiting Student Awards--Support for Native American students enrolled in advanced graduate programs to pursue independently designed research projects in association with Smithsonian staff. **Deadlines:** 2/1/03, 6/1/03, 10/1/03. **Contact:** 202-275-0655; siofg@si.edu; <http://www.si.edu/research+study>; <http://www.si.edu/ofg/PDFfiles/NAPvisitstu.PDF>.

Senior Fellowships provide support for in-residence research in biological and physical sciences, art, history, and social sciences. Fields of research include: American History, American Material and Folk Culture, and the History of Music and Musical Instruments; History of Science and Technology; History of Art, Design, Crafts, and the Decorative Arts; Anthropology, Archaeology, Linguistics, and Ethnic Studies; Evolutionary, Systematic, Behavioral, Environmental, and Conservation Biology; Earth, Mineral, and Planetary Science; and Materials Characterization and Conservation. **Contact:** 202-275-0655; siofg@si.edu; <http://www.si.edu/ofg/fell.htm#fofg>. **Deadline:** 1/15/03.

Smithsonian Environmental Research Center (SERC) Internship Program in Environmental Studies—Funding for undergraduate and beginning graduate students to participate in terrestrial, atmospheric, and estuarine environmental research within the disciplines of ecology, biology, chemistry, microbiology, botany, zoology, mathematics, and physics. Projects are also offered in environmental education and environmental information management. Primary areas of research: global change, landscape ecology, ecology of coastal ecosystems, population and community ecology, environmental engineering and environmental education. **Deadlines:** 2/1/03 (Summer); 11/1/03 (Spring); None (Year-Round Projects). **Contact:** Kim Sproat, 443-482-2217; SERCintern@si.edu; <http://www.serc.si.edu>; <http://www.serc.si.edu/internship/2003packet.pdf>.

## **SOCIAL SCIENCE RESEARCH COUNCIL (SSRC)**

Grants for Research Collaboration in Conflict Zones—Funding for teams of scholars and/or practitioners currently residing or working in places where there are long-standing, intractable, or widespread violent conflicts for research projects designed to contribute to generation or exchange of new perspectives, knowledge and data about underlying causes of violent conflicts. **Deadline:** 2/1/03. **Contact:** 202-332-5572; [gsc@ssrc.org](mailto:gsc@ssrc.org); [http://www.ssrc.org/fellowships/gsc/conflict\\_peace\\_and\\_social\\_transformations/CZ.page](http://www.ssrc.org/fellowships/gsc/conflict_peace_and_social_transformations/CZ.page).

## **SOCIETY OF COSMETIC CHEMISTS**

Graduate Research Fellowships Program—Support for research related to cosmetic science. **Deadline:** 2/1/03. **Contact:** Bill Cowen, 212-668-1500; [bcowen@SCCOnline.org](mailto:bcowen@SCCOnline.org); <http://www.sconline.org>.

## **STATE BOARD OF AGRICULTURAL RESEARCH AND EDUCATION (SBARE)**

Corn-Related Research Proposals—Research priorities are: corn breeding, soil studies involving salinity, and producer education. **Deadlines:** 1/13/03. **Contact:** Lori Capouch, 701-663-6501; [lcapouch@ndarec.com](mailto:lcapouch@ndarec.com); [www.ag.ndsu.nodak.edu/sbare](http://www.ag.ndsu.nodak.edu/sbare).

## **STATE JUSTICE INSTITUTE**

Project Grants Program—Support for innovative education, research, demonstration, and technical assistance projects to improve administration of justice in State courts nationwide. Special interest categories include: access to courts; application of technology in courts; children and families in court; judicial branch education; and relationship between State and Federal courts. **Deadline:** 2/7/03. **Contact:** Kathy Schwartz, 703-684-6100; [kschwartz@statejustice.org](mailto:kschwartz@statejustice.org); <http://www.statejustice.org>; <http://www.statejustice.org/03propgrtnl.htm>.

## **TRUMAN (HARRY S.) LIBRARY INSTITUTE**

Dissertation Year Fellowships—Support for graduate students prepared to devote full time to writing dissertations on some aspect of the life and career of Harry S. Truman, or prominent public and foreign policy issues during his tenure in office. **Deadline:** 2/1/03. **Contact:** Grants Administrator, 816-833-0425; [lisa.sullivan@truman.nara.gov](mailto:lisa.sullivan@truman.nara.gov); <http://www.trumanlibrary.org/grants/>.

## **UNIVERSITY OF CAMBRIDGE**

Corpus Christi College Visiting Fellows—Support for scholars of several years' standing who preferably have no previous experience of the University of Cambridge. **Deadline:** 2/1/03. **Contact:** Paula Haynes-Taylor, Telephone: 44 1223 338062; [ph263@cam.ac.uk](mailto:ph263@cam.ac.uk); <http://www.corpus.cam.ac.uk>; <http://www.corpus.cam.ac.uk/fellowship/visiting/index.htm>.

## **UNIVERSITY OF DELAWARE**

Hagley Program--Fellowships in the History of Technology and Industrialization--Funding for master's and doctoral candidates interested in the history of industrialization, including such topics as gender and technology; work and society; industrial architecture and design; and culture and political economy.

**Deadline:** 1/30/03. **Contact:** 302-831-8226; <http://www.udel.edu/History/hist/text/hagleyframe.html>.

Master's Degree Program in Art Conservation Fellowship--Funding for research in art conservation. Areas of study include materials science, history of art, archaeology, art and artifact technology, craft skills, cultural context, preventive conservation, treatment techniques and conservation history, ethics and philosophy. **Deadline:** 2/1/03. **Contact:** 302-831-3489; [art-conservation@udel.edu](mailto:art-conservation@udel.edu);

<http://seurat.art.udel.edu/artcons/gradfellowshp.html>.

#### **VACCINE-ASSOCIATED FELINE SARCOMA TASK FORCE**

Support for research to address several aspects of soft tissue sarcomas potentially associated with vaccination and other injections. **Deadline:** 2/1/03. **Contact:** Lyle P. Vogel, 800-248-2862x6685; [lvogel@avma.org](mailto:lvogel@avma.org); <http://www.avma.org/vafstf>.

#### **WEEDEN FOUNDATION**

Funding to adverse the impact of growing human populations and overuse of natural resources on the biological fabric of the planet. **Deadline:** Letters of Inquiry encouraged; 1/31/03 (Application). **Contact:** 212-888-1672; [weedendfdn@weedendfdn.org](mailto:weedendfdn@weedendfdn.org); <http://www.weedendfdn.org/wfguides.html>.

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

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