

June 2002

The

Funding Bulletin

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The Research Funding Service is a partnership between the School of Medicine's Office of Research and Graduate Education and the Health Sciences Libraries & Information Center at the University of Washington.

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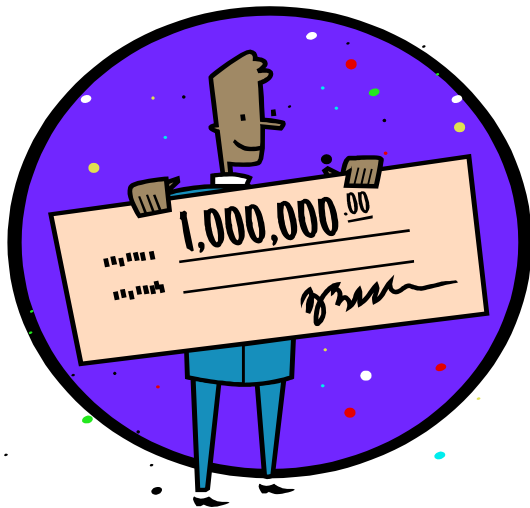
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How to Write a Research Grant: A Two-Part Workshop

Janet Rasey, Ph.D.,
Director, Research Funding Service

Wednesday, September 4, 2002 &
Wednesday, September 11, 2002
5:30 p.m. to 8:00 p.m.

More than 200 UW researchers have now taken this valuable workshop. Evaluations have been overwhelmingly positive with comments like

“Engaging speaker, full of specific examples, made her points very clear”

“Specific comments on good and bad parts of the grants that were reviewed in the session, check list for each section”

“Detail oriented, practical and good examples, knowledgeable speaker”

Please register on-line at

<http://healthlinks.washington.edu/hsc/rfs/index.html>

Workshop location will be provided with email confirmation of your registration.

Biomedical Categories

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BIOMEDICAL FUNDING

AIDS, HIV

(1) CENTERS FOR DISEASE CONTROL (CDC) TECHNOLOGY TRANSFER OF HIV BEHAVIORAL PREVENTION

Program Announcement 02137

Web site:

<http://www.cdc.gov/od/pgo/funding/02137.htm>
(application instructions, program contacts)

Application deadline: **July 15, 2002**

The Centers for Disease Control and Prevention announces the availability of FY 2002 funds for a cooperative agreement program for the technology translation and transfer of effective HIV prevention behavioral interventions.

The purpose of this program is to support translation of the protocols of effective HIV prevention interventions, whose original research was conducted with methodological rigor and which have not been packaged or widely adopted, into a package of materials that prevention providers can use to implement the interventions in their non-research field situations. It also supports development of curricula for training provider agency staff who will implement the intervention and technical assistance guidance manuals for providing technical assistance to future adopters of the intervention.

Approximately \$470,000 is available in FY 2002 to fund approximately two awards. The awards will begin on or about September 30, 2002 and will be made for a 12-month budget period within a project period of up to two years.

Consideration will be given to obtaining diversity of target populations among the proposals selected for funding. The following populations are of particular interest: (1) incarcerated persons, (2) non-injection substance users, (3) HIV-infected persons, and (4) persons living in rural areas whose behaviors put them at risk for HIV infection.

**(2) CENTERS FOR DISEASE CONTROL (CDC)
MOTHER-TO-CHILD HIV-1 TRANSMISSION
Program Announcement 02074**

Web site: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-12254-filed (May 16 Federal Register)

Application deadline: July 15, 2002

The Centers for Disease Control and Prevention will fund a cooperative agreement program to support interventional epidemiologic research studies. Their purpose will be to reduce the burden of HIV/AIDS by preventing mother-to-child HIV-1 transmission peripartum and during breastfeeding in international settings of high HIV-1 seroprevalence.

This cooperative agreement will receive cofunding by the National Institute of Child Health and Human Development (NICHD), during FY 2003.

Applications may be submitted by indigenous universities, colleges, research institutions, hospitals, other public and private nonprofit organizations, operating in settings with high antenatal HIV-1 seroprevalence (i.e., 5 percent or greater) in resource-limited countries. Approximately \$1 million is available in FY 2002 and an additional \$500,000 in FY 2003 to fund two awards to develop and carry out interventions aimed at maximally reducing perinatal HIV-1 transmission near the time of delivery and during the breastfeeding period; and within the context of these trials, nested studies to assess mechanisms of transmission during lactation; and/or issues related to effectiveness of, or successful implementation of the intervention. All awards will begin on or about September 30, 2002 and will be made for a 12-month budget period within a project period of up to five years.

Biotechnology

**(3) U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND
TECHNOLOGY
ADVANCED TECHNOLOGY PROGRAM**

Web site: <http://www.atp.nist.gov/atp/kit-02/kit-02.htm>
(proposal preparation kit)

Application deadline: June 10, July 31, and September 30, 2002

The ATP is a competitive cost-sharing program designed for the Federal government to work in partnership with industry to accelerate the development and broad

dissemination of challenging, high-risk technologies that offer the potential for significant commercial payoffs and widespread benefits for the nation. This unique government-industry partnership accelerates the development of emerging or enabling technologies leading to revolutionary new products, industrial processes and services that can compete in rapidly changing world markets. The ATP challenges industry to take on higher risk projects with commensurately higher potential payoff to the nation. The ATP provides multi-year funding to single companies and to industry-led joint ventures.

The funding instrument used in ATP awards is a "cooperative agreement." Through the use of the cooperative agreement, the ATP is designed to foster a government-industry partnership to accomplish a public purpose of support or stimulation. NIST plays a substantial role by providing technical assistance and monitoring the technical work, business progress, and expenditure of Federal funds.

Congressional Fiscal Year 2002 appropriations included funds not to exceed \$60.7 million for new awards.

To be considered for funding in fiscal year 2002, potential proposers must submit their proposals by the first due date of June 10, 2002. Proposals submitted after June 10, 2002, may not be considered for funding in fiscal year 2002, but rather for funding in fiscal year 2003, subject to the availability of funding.

This program is open to single small, medium or large for-profit companies and at least two separately owned for-profit companies for joint ventures. Universities, government labs and independent research organizations may apply as sub-contractors or as partners in a joint venture. ATP awards grants in all areas of chemistry and life sciences; electronics and phonics technology; information technology and applications; and economic assessment.

**(4) NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION
OFFICE OF BIOLOGICAL AND PHYSICAL
RESEARCH**

**PHYSICAL SCIENCES RESEARCH DIVISION
PHYSICAL SCIENCES GROUND-BASED AND
FLIGHT RESEARCH
CELLULAR AND MACROMOLECULAR
BIOTECHNOLOGY PROGRAM**

Web site:

http://research.hq.nasa.gov/code_u/nra/current/NRA-01-OBPR-08/AppendixB.html

http://research.hq.nasa.gov/code_u/nra/current/NRA-01-OBPR-08-B/index.html (forms)

Notice of intent due: **July 15, 2002**

Application deadline: **September 3, 2002**

NASA's biotechnology program includes both cellular and macromolecular biotechnology including research on tissue engineering and challenging structural biology problems. This NRA solicits research to establish the scientific foundations for future experiments on the International Space Station and to support the development of biotechnology applications to long-duration space flight. The program seeks a coordinated research effort involving both space and ground-based research through the solicitation of experimental studies that require the space environment and ground-based studies that will lead to the definition of potential flight experiments or lead to development of new technologies for future NASA missions.

NASA is supporting approximately 100 investigations under the biotechnology program in the areas of tissue engineering, bioreactor design and technologies for tissue engineering, studies on changes in cellular function, research on challenging structural biology problems, and biological nanotechnology and biomaterials. See the web site above for additional research areas.

Total funding for this program is subject to the annual NASA budget cycle. It is anticipated that three flight experiment definition proposals will be funded. These efforts are typically funded at an average of \$200,000 per year. It is also anticipated that approximately 16 ground-based investigations will be funded, at an average of approximately \$170,000 per year, for up to four years. In addition, it is expected that two interdisciplinary projects will be funded at an average cost of approximately \$600,000 per year.

Cancer, Oncology

(5) THE SUSAN G. KOMEN BREAST CANCER FOUNDATION

FELLOWSHIPS, GRANTS, AND AWARDS

Web site: <http://www.komen.org/grants/available.asp>

Application deadlines: Applicants must register electronically before submitting an application. Registration will be from July 1, 2002 through September 17, 2002.

This is one of the nation's largest private funding sources for breast cancer research. The Susan G. Komen Breast Cancer Foundation's mission is to eradicate breast cancer as a life-threatening disease by advancing research, education, screening and treatment.

Postdoctoral Fellowships for basic, clinical, translational research in breast cancer research, public health, or epidemiology are awarded for three years, at \$45,000 per year. The area of study is limited to breast cancer. U.S. citizenship is not required.

Population Specific Outreach Projects support innovative projects focusing on the epidemiology of breast cancer within specific populations at risk for the disease. The focus of the program is to identify unique needs, trends and barriers to breast health care among populations such as African American, Asian/Pacific Islanders, Hispanic, Native American, Lesbian, Low Literacy. Grants are awarded for \$250,000 for two-three years. Applicants who will be collaborating with a community organization will be given preference.

Basic, Clinical and Translational Research is funded for up to \$250,000 over a two-three year period. The areas of interest include complementary and alternative medicine, detection and diagnosis, prognosis, risk, prevention, and epidemiology; local treatment; psychosocial treatment; systemic treatment; tumor cell biology

Imaging Technology is a new program enabled by matching funds from the Drown Foundation to research and develop methods for early detection and diagnosis of breast cancer. Grants are awarded up to \$250,000 (combined direct and indirect costs) each year for a two to three-year period.

Dissertation Research provides up to \$30,000 over two years to fund doctoral candidates in the health and social sciences to conduct dissertation research on breast health and breast cancer.

(6) FLIGHT ATTENDANT MEDICAL RESEARCH INSTITUTE

AWARDS

Web site: <http://www.famri.org/core/index.asp>

Application deadline: **July 15, 2002**

The Flight Attendant Medical Research Institute was established in September 2000 as a result of a class action suit against the tobacco industry for damages caused by exposure to secondhand tobacco smoke in airline cabins. The settlement established a \$300 million endowment fund that supports a not-for-profit research foundation.

The mission of FAMRI is to sponsor scientific and medical research for the early detection, treatment and cure of diseases and medical conditions associated with exposure to secondhand tobacco smoke. Applications will

be accepted until July 15, 2002 for the Young Clinical Scientist Award, a Clinical Innovator Award and an award for Centers of Excellence. FAMRI would like to support research in five main areas relating to exposure to secondhand tobacco smoke: respiratory disease (with emphasis on chronic bronchitis and chronic sinusitis), cancer, cardiovascular diseases, epidemiology and public health, and reproductive diseases.

Young Clinical Scientist Award - The purpose of the FAMRI Young Clinical Scientist Award (YCSA) Program is to help prepare and support new clinical investigators with a M.D. or Ph.D. as they begin their careers as independent researchers. The program is limited to the development of young researchers in smoking-related disorders.

The YCSAs are being offered to two groups of scientists: research fellows and junior faculty members. Awards for fellowships are typically two years, but can be renewed and carried into a tenure-track faculty position for an additional three years. Awards for junior faculty are three years and renewable for up to five years.

During the fellowship period, the total annual award will be up to \$75,000; up to \$50,000 can be used for salary and stipend support, and the remainder may be used for fringe benefits, research support, and travel.

Clinical Innovator Award - The Clinical Innovator Awards (CIA) Program was established to stimulate novel medical and clinical scientific research studies on the topic of secondhand smoke. New technologies to detect tobacco-caused illnesses and novel therapies to treat these diseases are of high priority to FAMRI. Researchers with an advanced degree (M.D., Ph.D., or M.D./Ph.D. or the equivalent) who work in not-for-profit U.S. institutions such as an academic medical center are eligible to apply. The award will provide \$100,000 each year for two years with a possibility for renewal for a third year. Awardees will receive \$100,000 each year for direct costs plus no more than 8.5% for indirect costs.

Centers of Excellence Award - Building on models developed by the National Institutes of Health, FAMRI's Centers of Excellence (CoE) Award will be the Institute's centerpiece for linking physicians and scientists from various disciplines into multidisciplinary programs in patient care and research. Despite the efforts of previous research investigations, gaps exist in understanding the early detection, treatment, and cure of diseases and medical conditions as they relate to exposure to secondhand tobacco smoke. An applicant may request a project period of five or fewer years and a budget for direct costs up to \$1.5 million each year (excluding

consortium arrangements or collaborative subcontracts). Awards will include no more than 8.5% in indirect costs.

(7) CANCER RESEARCH FOUNDATION OF AMERICA
GRANTS and POSTDOCTORAL FELLOWSHIPS
Web site:

<http://www.preventcancer.org/researchers/appinfo.cfm>

Application deadline: **September 15, 2002 (Cycle 2)**

The mission of the Cancer Research Foundation is the prevention of cancer through scientific research and education. CRFA defines cancer prevention as the "reduction of cancer incidence through research, education and early detection." Grant proposals will be considered in the categories of basic, clinical, translational and applied research projects; cancer prevention education programs and early detection projects.

Grants of up to \$40,000 will be awarded for one year with opportunity for renewal up to two years based upon resubmission. The goal of the CRFA research program is to provide funding for innovative projects expected to lead to future funding from other peer-reviewed sources. U.S. citizenship is not required. Proposals must have a focus on cancer prevention or will not be reviewed. Funding for fellowships will be considered at the post-doctoral level only. Fellowships will be awarded for two years at \$40,000 each year.

(8) CHARLOTTE GEYER FOUNDATION
GRANTS

Web site: <http://www.charlottegeyer.org/> (application instructions)

Application deadline: February 1, June 1, **October 1**

The Charlotte Geyer Foundation provides interim funding to researchers whose proposals have been reviewed by the National Cancer Institute and were ranked within ten percentage points of the NCI payline. The Foundation awards grants up to \$100,000. It provides an easy application process and promises a fast response time.

The Foundation will consider the original proposal, a revised proposal, or a portion of the original proposal deemed to have special merit.

The purpose of Foundation awards is to provide one year's funding to exceptional proposals to give investigators the opportunity of advancing and improving projects to the point where they are able to successfully compete for an

ROI or other award. More than 90 proposals have been funded since 1991.

(9) HEALTH RESOURCES AND SERVICES ADMINISTRATION (HRSA)

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Fiscal Year 2002 Competitive Application Cycle for the Radiation Exposure Screening and Education Program 93.257

Federal Register announcement April 30, 2002

Web site: http://fr.cos.com/cgi-bin/retrieve?db=fr_2002&ac2=20020430a142

Application deadline: **June 28, 2002**

The Health Resources and Services Administration (HRSA) announces the availability of approximately \$3 million in grants to support appropriate cancer screening, referrals for treatment, the development and dissemination of educational information, and eligibility assistance for radiation exposure. The purpose of the RESEP is to encourage and support appropriate healthcare organizations to improve the health status of persons who were adversely affected by the mining, milling, or transporting of uranium and the testing of nuclear weapons for the Nation's weapons arsenal.

To receive a complete application kit (i.e., application instructions, necessary forms, and application review criteria), contact the HRSA Grants Application Center at: HRSA Grants Application Center, 901 Russell Avenue, Suite 450, Gaithersburg, MD 20879, Phone: 1-877-HRSA-123 (1-877-477-2123), Fax: 1-877-HRSA-345 (1-877-477-2345), E-mail: hrsagac@hrsa.gov. Please refer to Catalog of Federal Domestic Assistance (CFDA) #93.257.

Funding preference will be given to applicants that propose a statewide service area; applicants proposing to serve affected populations in the states of Arizona, Colorado, Idaho, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Texas, Utah, **Washington**, and Wyoming; and who are currently operating a clinic for patients with radiogenic cancers and other radiogenic diseases; applicants that demonstrate strong outreach and educational efforts for eligible individuals and that have a history of managing Federal grant funds without operational problems.

Up to \$3.0 million will be available in Fiscal Year 2002 for this program. It is estimated that 10-15 awards will be awarded with awards ranging from \$200,000 to \$400,000.

(10) LANCE ARMSTRONG FOUNDATION RESEARCH GRANTS

Web site:

http://www.laf.org/Grants/Research/Proposal_Guidelines/

(announcement and application instructions)

Application deadline: **July 15, 2002**

The Lance Armstrong Foundation supports research related to cancer survivorship and testicular cancer.

2002 Request for Proposals

SI Grant - Issues of Survivorship

The LAF seeks to promote the optimal physical, psychological, and social recovery and care of cancer survivors and their loved ones. Issues of survivorship include pathophysiologic compromise due to the cancer or disease therapy along with a myriad of physical, psychosocial, and financial issues. It is witnessed that these issues of cancer survival may even intensify after conclusion of active anti-cancer therapy.

For 2002, the Lance Armstrong Foundation will emphasize a disciplined study of cancer survivorship through peer-reviewed grants. Survivorship grants must directly relate to the study of cancer survivorship. The Foundation is particularly interested in applications on physical activity and survivorship; adolescent/young adult specific projects; and applications that would ultimately yield validated interventional programs.

Proposals must be hypothesis-driven and be able to collect, validate, and analyze information to answer questions. Ongoing survivorship programs will not be considered.

TC1 Grant - The Basic and Clinical Science of Testicular Cancer

Testicular cancer remains the most common cancer in young men between the ages of 15-35. Although it has a 90% cure rate when detected early, many patients diagnosed with the disease still require platinum-based chemotherapy. The biology of the disease, the epidemiology of the increasing prevalence, and the realm of clinical investigations make testicular cancer a paradigm for aggressive but treatable malignancies. The Lance Armstrong Foundation is continuing research awards in 2002 with scientific ambitions of advancing the study of testicular cancer. Grants can be basic science, basic science translated to clinical issues, or purely clinical investigations. All submissions must directly relate to the study of testicular cancer.

For both grants, the yearly budget of the proposed grant may not exceed \$50,000 and can be renewable for up to three years, pending annual review and approval of work

in progress by the Foundation. Indirect costs may be included but cannot exceed 10%.

**(11) NATIONAL LEUKEMIA RESEARCH ASSOCIATION
RESEARCH GRANTS**

Web site:

[http://www.childrensleukemia.org/ResearchPast%20P
res.htm](http://www.childrensleukemia.org/ResearchPast%20P
res.htm)

Application deadline: **June 30, 2002**

The National Leukemia Research Association awards grants up to \$20,000 each year to researchers with an M.D. or Ph.D. who are conducting research related to leukemia. The objectives of the research selection committee are to direct the funds of the Association into the most promising projects, and where funding would not duplicate other funding sources. The application form is available on the web site. Awards will be made by early 2003.

(12) PHILIP MORRIS EXTERNAL RESEARCH PROGRAM

No web site

Letter of intent deadline: **July 15, 2002**

Application deadline: **August 31, 2002**

The purpose of the Philip Morris External Research Program is to support the highest quality research that contributes to fundamental scientific knowledge, help address public health community concerns about cigarette smoking and enable Philip Morris to continue its pursuit of product modification (s) or new product design(s) that might reduce the health risk of smoking. The program's research focus is in the scientific areas of Exposure/Biomarkers/Dosimetry, Epidemiological Research, Clinical and Model Systems Research, and Tobacco Smoke and Smoking Behavior. Although there is no specific budget limitation on the budgets of research proposals, budgets should reflect the proposed work and be well justified.

It is requested that a two to three page letter of intent be submitted and received by July 15, 2002. It should include the research objectives, key elements of the experimental design and methods, estimated time required and approximate direct and indirect costs. These letters will be used to plan the proposal review process.

Request an application packet or ask questions about application procedures by sending an email to rmgroup2000@aol.com or by calling Dr. Max Eisenberg at (410) 684-3782.

(13) CHARLES LAFITTE FOUNDATION GRANTS

Web site: <http://www.charleslafitte.org/index.htm>
(programs, principles, recent grants, application guidelines)

No deadlines

The Charles Lafitte Foundation is a private family foundation founded in 1999 by Suzanne and Jeffrey Citron. The Foundation is committed to helping groups and individuals foster lasting improvement on the human condition by providing support to education, children's advocacy, medical research and the arts. (Suzanne is the Co-Founder and CEO of New World Aviation, a private aviation company owned by the Citrons whose mission is to provide world-class flight services.)

The mission of the Medical Issues and Research Program is to raise the quality of healthcare by supporting and encouraging health research and education. The Foundation supports innovative programs, research that promotes health, scientific and educational activities and disease prevention. The Foundation supports efforts that help people live healthy and productive lives and assists specific groups with serious and neglected problems. Emphasis is given to cancer research and treatment, children's health, health education, promoting healthy life styles and bettering the quality of life for patients.

The Foundation has no deadlines or standard application forms. A brief letter of inquiry, rather than a fully developed proposal, is an advisable first step for an applicant. The Foundation recently made a grant of \$100,000 to the Experimental Education Unit at the University of Washington to continue the development of Autism teaching practices.

Cardiovascular Biology

(14) GUIDANT FOUNDATION GRANTS

Web site: <http://www.guidant.com/foundation/>

Application deadline: None

The Guidant Foundation provides financial support for charitable and educational programs that lead to improved quality of life for patients who are at risk or suffer from

cardiovascular disease. In addition, the Foundation will fund the dissemination of information of public benefit regarding cardiovascular disease and relevant therapy for at risk patients.

The Foundation will focus grants in the areas of education, health care, community, and human service in communities in which Guidant Corporation has employees and to leading health care institutions that provide educational services.

Guidant is a world leader in the design and development of cardiovascular medical products. Corporate headquarters are in Indianapolis, with major operations in California, Minnesota, Texas, **Washington**, Puerto Rico and Ireland.

Child Health

(15) FOUNDATION FOR CHILD DEVELOPMENT GRANTS

Web site: <http://www.ffcd.org/infomain.htm>

Application deadline: none

FCD has a special interest in children in working families, particularly in those families that are struggling to meet their children's basic human needs. The foundation makes grants nationally to nonprofit institutions for research, policy analysis, advocacy, leadership development, and a small number of program development projects.

Three cross-cutting themes guide FCD's work: linking research on children and families to formation of relevant programs and policies; identifying fresh approaches to crafting sound social strategies for children and families; and nurturing new generations of leaders in child development research and policy. During the past year, FCD has had a particular concern about the availability of and access to early childhood education and care programs and health care for children. Future grant making will include a concentration on the integration of research, policy, and advocacy or research and practice in these two areas of concern.

Applicants are asked to send a brief, one- or two-page letter of inquiry describing the proposed project, its objectives, and the approximate level of funding required. The foundation conducts frequent reviews of requests and replies quickly with an indication of whether a project fits its program interests and funding considerations. When appropriate, a full proposal is invited. FCD's Board of Directors meets three times a year to consider grant approvals for invited proposals.

Connective Tissue

(16) SULZBERGER INSTITUTE FOR DERMATOLOGIC EDUCATION GRANTS

Web site:

<http://www.skincarephysicians.com/sulzberger/CallForGrants.html>

(grant application form, announcement)

Application deadline: **July 1, 2002**

The Sulzberger Institute for Dermatologic Education, the education and research arm of the American Academy of Dermatology (AAD), is interested in receiving proposals for technology-based teaching applications to further clinical education in dermatology and dermatologic surgery.

Proposals to be funded will be selected by the Institute's Board of Trustees. Proposals from individuals with a clear association to dermatologic organizations will be given preference; however, all proposals to develop technology for dermatology education will be considered.

Applications in the following areas are sought:

Grants for the development of knowledge-based tools for decision support in the care of dermatologic patients, including CD-ROM; PDA; and Web-based (HTML) instructional programs. Neither support for faculty effort nor indirect costs are allowed in the budget of these proposals. These projects are of special interest to the Sulzberger Institute, given their potential benefit in the short term to the members of the dermatologic community.

Grants for the development of virtual reality-based surgical trainers for skin or laser surgery. The ultimate goal for development of these training devices will be to utilize these simulators to train skin dermatologic surgeons in the practical aspects of surgery prior to their undertaking these techniques on patients.

Travel awards are available to support training through the National Library of Medicine Informatics course. Residents, fellows or faculty in dermatology are eligible. Individuals applying for these grants should be currently or prospectively involved in technology-based projects to further clinical education in dermatology.

Dentistry

(17) ADA HEALTH FOUNDATION

SAMUEL HARRIS FUND FOR CHILDREN'S
HEALTH DENTISTRY

Web site:

<http://www.ada.org/ada/charitable/adahf/childgrant.html> (application form)

Application deadline: **July 31, 2002**

The ADA Health Foundation has established a permanent endowment fund that is dedicated to preventing dental caries and other oral diseases of children. Under the auspices of this program, competitive grants in amounts up to \$5,000 will be awarded to applicants whose oral health promotion programs are designed to improve children's oral health through community education programs.

Eligibility is limited to community-based, not-for-profit, oral health promotion programs in the United States and its territories. Examples of oral health programs include dental health education conducted at schools, health fairs, social agencies, mobile dental clinics or outreach programs and dental health education programs in conjunction with fluoride programs, dental sealant programs, and/or other prevention programs.

Endocrinology

(18) JUVENILE DIABETES FOUNDATION INTERNATIONAL

Web site:

http://www.jdf.org/research/research_funding.php

Application deadlines: **September 1, 2002 (first two pages due August 15, 2002) and February 1, 2003**

Regular Research Grants for investigations with budgets up to \$330,000 (includes \$30,000 indirect costs) each year are available for terms of three years to both new and established researchers. The scientific project must involve the cause, treatment, prevention, and/or cure of diabetes and its complications.

Special Research Grants are for proposals exceeding \$330,000 and three years. These require a letter of intent and approval before submitting a full application.

Applicants should contact program staff when developing the letter of intent.

JDRF Center Grant requires a letter of intent before submitting a full application. Contact program staff for assistance with the letter of intent.

Innovative Grants offer \$55,000 (\$5,000 indirect costs) for one year as seed money for highly innovative basic or clinical research in a developmental stage.

Postdoctoral Fellowships are available to postdoctoral scientists in the diabetes research field. The applicant

must work with a sponsor who will provide a training environment conducive to career development in diabetes-relevant research. By the beginning of the award the applicant must have a doctoral degree or equivalent. Stipends range from \$36,592-\$50,116, depending on years of experience.

Early Career Patient-Oriented Diabetes Research

Award is for five years with the possible extension of two years. This new award allows for up to \$100,000 in repayment of education loans acquired by the awardee.

Awards are in the amount of \$150,000 total costs each year (up to \$75,000 of this may be requested for research allowance, which can include a technician, supplies, equipment, and travel up to \$2,000 per year).

Career Development Awards are designed to provide exceptionally promising investigators with funding for a basic or clinical topic. The award offers \$125,000 annually for up to five years. Up to \$65,000 of this amount can be requested as a research allowance. These funds may be used for a research allowance, which can include a technician, supplies, equipment, and travel up to \$2,000 a year.

Family Medicine

(19) AMERICAN ACADEMY OF FAMILY PHYSICIANS FOUNDATION

RESEARCH STIMULATION GRANTS

Web site:

<http://www.aafpfoundation.org/jgap/jgaprsg.html>

Application deadline: none

The American Academy of Family Physicians Foundations sets aside a small fund each year to provide grants of \$5,000 or less to stimulate research in family practice.

Funds may be requested to support pilot projects or preliminary efforts involving Family Medicine research. It is hoped that the Research Stimulation Grant will lead to the completion of a larger research project.

Applications may be submitted at any time during the year until funds are depleted. Electronic submission is required. The Foundation prefers submission of a letter of intent which must include a discussion of how the proposed project will lead to the completion of a larger project and/or substantive results (publication/presentation/etc.)

Genetics, Genetic Diseases

(20) U.S. DEPARTMENT OF DEFENSE

TUBEROUS SCLEROSIS COMPLEX RESEARCH

PROGRAM
FY 2002 IDEA DEVELOPMENT AWARDS

Web site:

<http://cdmrp.army.mil/funding/02tscrp1.htm>

Letter of intent deadline: **September 4, 2002 (changed from May 21, 2002)**

Application deadline: **September 18, 2002 (changed from June 4, 2002)**

Tuberous sclerosis complex is a genetic disorder that can affect any or all systems of the body. It affects as many as 25,000 to 40,000 individuals in the United States and about 1 to 2 million individuals worldwide.* The Department of Defense (DOD) Tuberous Sclerosis Complex Research Program (TSCRCP) is being established in fiscal year 2002 (FY02) to promote research directed toward a better understanding of the role and function of proteins produced by the TSC1 and TSC2 tumor suppressor genes. It is anticipated that approximately \$850,000 will be available to fund competitive, peer reviewed TSC research.

Idea Development Awards are intended to encourage innovative research aimed at **understanding the role and function of proteins produced by the TSC1 and TSC2 tumor suppressor genes**. To be eligible for an Idea Development Award, an applicant must be an independent investigator at the level of Assistant Professor (or equivalent) or above. All Idea Development Award proposals must include preliminary data relevant to tuberous sclerosis research and the proposed project. Funding for Idea Development Awards can be requested for a maximum of \$425,000 for direct and indirect costs for a two-three year period.

**(21) CYSTIC FIBROSIS FOUNDATION
AWARDS AND RESEARCH GRANTS**

Web site:

http://www.cff.org/research/research_grants.cfm

Application deadline: September 1, 2002, October 1 (3rd and 4th year fellowships)

Post Doctoral Research Fellowships are offered to M.D.'s, Ph.D.'s, and M.D./Ph.D.'s interested in conducting basic or clinical research related to CF. Awards are offered through the Cystic Fibrosis Foundation's network of research centers or through individual applications submitted to the Foundation. Stipends are \$33,000 (first year), \$34,100 (second year), and \$36,300 (optional third year). U.S. citizenship or permanent resident status is required.

Clinical Fellowships encourage specialized training early in a physician's career and prepare candidates for careers in academic medicine. Training must take place in one of the CF Foundation care centers and must encompass diagnostic and therapeutic procedures, comprehensive care and CF-related research. Applicants must be eligible for Board certification in pediatrics or internal medicine by the time the fellowship begins. Awards are \$42,000 (first year) and \$43,750 (second year) for stipend. A third-year fellowship is also available for additional basic and/or clinical research training. Recipients are expected to be subspecialty Board eligible at the completion of the program. Applicants and sponsors must submit a proposal of the research studies to be undertaken and other specialized training that will be offered during this third year. Up to \$62,600 may be awarded: \$52,600 for stipend and \$10,000 for research costs. A fourth year of support is available as an option to highly qualified candidates who have received CF Foundation support as Third Year Fellows. Furthermore, the CF Foundation will underwrite the interest payments for educational loans for up to \$7,000 per year. Recipients who do not enter a career of academic medicine will be subject to payback provisions. U.S. citizenship or permanent resident status is required.

Pilot and Feasibility Awards are for developing and testing new hypotheses and/or new methods, and to support promising new investigators as they establish themselves in research areas relevant to CF. Proposed work must be hypothesis driven and must reflect innovative approaches to critical questions in CF research. The award is not meant to support continuation of programs begun under other granting mechanisms. Up to \$40,000 per year for two years may be requested.

Research grants are intended to encourage the development of new information that contributes to the understanding of the basic etiology and pathogenesis of CF. In addition, consideration will be given to those projects that provide insight into the development of information that may contribute to the development of new therapies for CF. Support is available for \$60,000 each year for a period of two years. The grant may be competitively renewed for an additional two years of funding.

Leroy Matthews Physician/Scientist Award will provide up to six years of support for outstanding, newly trained pediatricians and internists (M.D.'s and M.D./Ph.D.'s) to complete subspecialty training, develop into independent investigators, and initiate a research program. Institutional and individual grants are available. Support ranges from \$42,000 (stipend) plus \$10,000 (research and development) for year one, to \$70,000

(stipend) plus \$15,000 (research and development) for year six. The CF Foundation will also underwrite the interest payments for educational loans for up to \$7,000 per year. U.S. citizenship or permanent resident status is required.

Harry Shwachman Clinical Investigator Award is a three-year award that provides the opportunity for clinically trained physicians to develop into independent biomedical research investigators who are actively involved in CF-related areas. It is also intended to facilitate the transition from postdoctoral training to a career in academic medicine. Support is available for up to \$70,000 each year plus \$15,000 for supplies. U.S. citizenship or permanent resident status is required. Electronic submission is required. (Submit GC-1 application to GCS first)

Researchers are encouraged to contact the Office of Grants Management of the CF Foundation for additional information on procedures and to discuss the potential relevance of their work to the objectives of these programs. Phone 1-800-FIGHT CF. Other opportunities are listed at the web site with on-going deadlines.

(22) HEREDITARY DISEASE FOUNDATION RESEARCH GRANTS AND POSTDOCTORAL FELLOWSHIPS

Web site:

<http://www.hdfoundation.org/funding/grants.htm>
(submit on-line letter of intent)

Application deadline: **August 15, 2002, October 15, 2002**

The focus of the Hereditary Disease Foundation is Huntington's disease. Support will be for research projects that will contribute to identifying and understanding the basic defect in Huntington's disease. Areas of interest include trinucleotide expansions, animal models, gene therapy, neurobiology and development of the basal ganglia, cell survival and death, and intercellular signaling in striatal neurons. The maximum grant is \$50,000 for one year. **Milton Wexler Postdoctoral Fellowship awards** are restricted to research that is highly relevant to curing Huntington's disease. Support, beginning at \$43,000 salary plus \$12,000 supply and \$2,000 travel allowances for the first year, is provided for two years with possible renewal for a third. The **John J. Wasmuth Postdoctoral Fellowship** will provide an annual stipend of \$28,500-\$43,000 based on 0-7 years since Ph.D. plus \$5,000 for supplies. A second year is possible based on satisfactory progress. To request an application, submit an on-line letter of intent anytime. Annual deadlines are February 15, August 15 and October

15. Applications will be reviewed in May, October and January.

(23) BARTH SYNDROME FOUNDATION GRANTS

Web site:

http://www.barthsyndrome.org/links_research.htm
(letter of intent guidelines and requirements)

Letter of Intent deadline: **June 30, 2002**

In 2002, the Barth Syndrome Foundation, Inc. (BSF) will award its first grants for research on the natural history, biochemical basis, and treatment of Barth syndrome. The Foundation anticipates awarding up to \$100,000, divided among several one- or two-year grants ranging in size from \$10,000 to \$40,000. Funds will become available in December 2002.

The Foundation is most interested in providing "seed money" to be used by experienced investigators for the testing of initial hypotheses and collection of preliminary data leading to successful long-term funding by NIH and other major granting institutions. In addition, they are especially interested in attracting new investigators to the field of Barth syndrome research.

Barth syndrome is an X-linked recessive, cardioskeletal myopathy associated with neutropenia, growth delay, and diverse biochemical abnormalities, including defects in mitochondrial metabolism and phospholipid biosynthesis. Because many clinical and biochemical abnormalities of Barth syndrome remain poorly understood, research proposals are sought that may shed light on any aspect of the syndrome.

There is a two-step grant review process. A letter of intent must be submitted by the June 30, 2002 deadline. Based on the recommendations of the Scientific and Medical Advisory Board, the BSF Board of Directors will invite selected investigators to submit full grant applications of 10 to 15 pages by July 31, 2002.

Health Care

(24) MEDTRONIC FOUNDATION GRANTS

Web site:

http://www.medtronic.com/foundation/full_life.html
Application deadline: Applications are reviewed on an ongoing basis. Decisions are generally made within 90 days of receipt.

The Medtronic Foundation awarded more than \$14 million in grants in 2001 to support health, education, and human services/arts programs. Health in the Community supports programs in Medtronic communities that provide healthcare to socio-economically disadvantaged people. It gives priority to programs that help people develop and maintain healthy lifestyles. They are particularly interested in programs that work to reduce racial health disparities. These grants are awarded in Medtronic communities (includes Washington). Examples of programs include elimination of racial disparities in cardiovascular disease, infant mortality prevention, diabetes management, cancer and HIV/AIDS treatment.

Medtronic awarded more than \$297,000 in grants to King and Snohomish County non-profits, including the University of Washington's Gear-up and Science for Success programs in 2001.

Hematology

(25) CENTERS FOR DISEASE CONTROL AND PREVENTION

HEMOPHILIA PREVENTION EDUCATION AND PEER SUPPORT

[Program Announcement 02097]

Federal Register for May 2, 2002

Web site: http://fr.cos.com/cgi-bin/retrieve?db=fr_2002&ac2=20020502a21

Letter of Intent deadline: **June 15, 2002**

Application deadline: **July 15, 2002**

The Centers for Disease Control and Prevention (CDC) announces the availability of fiscal year (FY) 2002 funds for a cooperative agreement program for Hemophilia Prevention Education and Peer Support. The purpose of the program is to enhance public health prevention practices for persons with bleeding disorders by: (1) promoting peer-led prevention education, intervention and outreach activities; (2) developing and implementing programs that educate and encourage persons with bleeding disorders to make informed decisions regarding healthcare practices and to adopt behaviors that reduce or eliminate bleeding disorder complications; (3) promoting the professional development of health care providers by encouraging collaboration between providers and persons with bleeding disorders to enhance prevention efforts; and (4) disseminating prevention and intervention information and education materials to the bleeding disorders community.

Applications may be submitted by public and private non-profit organizations and by governments and their agencies.

Approximately \$2,800,000 is available in FY 2002 to fund one award. It is expected that the award will begin on or about September 30, 2002 and will be made for a 12-month budget period within a project period of up to five years.

Infectious Diseases

(26) CENTERS FOR DISEASE CONTROL AND PREVENTION

PREVENTION OF VIRAL HEPATITIS AMONG HIGH-RISK YOUTH THROUGH INTEGRATING PREVENTION SERVICES INTO EXISTING PROGRAMS

Program Announcement 02086

Web site:

<http://www.cdc.gov/od/pgo/funding/02086.htm>

(program requirements, application instructions)

Letter of Intent: Optional

Application deadline: **July 1, 2002**

The Centers for Disease Control and Prevention (CDC) announces the availability of fiscal year (FY) 2002 funds for a cooperative agreement program for Prevention of Viral Hepatitis among High-Risk Youth Through Integrating Prevention Services into Existing Programs.

The purpose of the program is to evaluate the feasibility and effectiveness of integrating activities to prevent infection with Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV) into existing programs that serve high-risk adolescents populations.

High-risk adolescents are youth aged 11-19 years who engage or are at risk for engaging in behaviors shown to be associated with transmission of infection with hepatitis viruses or other blood borne virus infections such as Human Immunodeficiency Virus (HIV/AIDS), injecting or non-injecting drug use, male homosexual activity, sexual activity with multiple partners, and behaviors leading to incarceration.

This announcement is intended to support the formative, operational and evaluation research required to determine the most effective means of integrating viral hepatitis prevention activities into existing disease prevention and health promotion programs.

Approximately \$150,000 is available in FY 2002 to fund one award. It is expected that the award will begin on or

about September 1, 2002 and will be made for a 12 month budget period within a project period up to five years. The funding estimate may change.

Preference will be given to population based programs that deliver or provide oversight for public health services to large adolescent populations (1000 to 3000 individuals served per year) in which a high proportion have risk factors for infection with hepatitis viruses. Such community-based programs should attempt to identify and follow cohorts of youth through indicators of risk and specific programs, including: demographic characteristics and health disparities which identify high-risk youth, correctional settings, residential community programs, court mandated programs, job corps, drug detoxification and rehabilitation programs, homeless and runaway shelters, HIV/AIDS prevention services, and Sexually Transmitted Disease (STD) prevention and treatment programs.

Immunology

(27) MYOSITIS ASSOCIATION OF AMERICA FELLOWSHIPS AND GRANTS

Web site:

http://www.myositis.org/research/grants_announcement.htm#grants

Application deadline: **July 31, 2002**

The Myositis Association of America is pleased to announce new fellowships and grants supporting basic and clinical myositis research:

Research Fellowships are designed to support an environment conducive to beginning a career in myositis research and will generally be awarded for two years at \$40,000 per year.

Research Grants will fund programs supporting new or innovative research projects to \$50,000 per year and more established projects to a maximum of \$100,000 per year: each generally for a period of two years.

Inflammatory myopathies or myositis are a group of muscle diseases involving the inflammation and degeneration of skeletal muscle tissues. The MAA serves patients with inclusion-body myositis, dermatomyositis, polymyositis, and juvenile dermatomyositis. In this round, most of the available funding is for inclusion-body myositis and juvenile dermatomyositis, with small grants expected to be available for dermatomyositis and polymyositis.

To download the application, register your name, position, affiliation and email address at the web site.

The application deadline is July 31, 2002. Funding begins in early November 2002.

Microbiology

(28) WAKSMAN FOUNDATION FOR MICROBIOLOGY

GRANTS

Web site:

<http://www.waksmanfoundation.org/support.html>

(contact information)

Application deadline: None

The Foundation is interested in the general field of microbiology, including medical disciplines, agricultural and soil microbiology, marine microbiology, and the diverse environmental interactions of microbes.

The Foundation sees its role as complementary to the efforts of the larger foundations and of federal agencies, both in research and in education. Its funds are used for the support of lectureships, exchange programs, prizes, and curricular and course development related to the field of microbiology, as well as for unusual publications or for other activities in this field that are poorly supported by the usual government agencies.

Grants are made only to U.S. organizations, though they may support research and teaching activities anywhere in the world. In general, project budgets should be less than \$20,000 annually. First proposals should request no more than two years support. Funding is not provided for indirect costs.

Application for a general grant may be made by a letter to Dr. Neidhardt at the Ann Arbor office of the Foundation. Discussion by telephone or e-mail of applicant's plans before submission of a proposal is encouraged. Contact Dr. Neidhardt at (734) 995-2951 or fcneid@umich.edu

Nephrology

(29) BAXTER HEALTHCARE CORPORATION BAXTER EXTRAMURAL GRANT PROGRAM RENAL DISCOVERIES

Web site:

http://www.baxter.com/doctors/renal_therapies/research/egp/images/bax6_r2_c5.gif

(request for proposals, writing instructions)

Application deadline: **October 11, 2002**

Baxter Healthcare Corporation supports this grant program in cooperation with the International Society of Nephrology. The objective of the Renal Discoveries program is to stimulate and support international scientific research in the field of renal insufficiency, its pathophysiology and treatment with the ultimate goal of improving the quality of life for patients with kidney disease. The program supports two grant cycles each year. Round 2 will support applied clinical research in the area of cardiovascular morbidity and mortality in kidney disease. Applied clinical research will be funded at \$75,000 each year for three years.

Neurobiology

(30) U.S. DEPARTMENT OF DEFENSE NEUROFIBROMATOSIS RESEARCH PROGRAM RESEARCH AND TRAINING AWARDS

Web site: <http://cdmrp.army.mil/funding/02nfrp1.htm>

Letter of intent deadline: **September 4, 2002 (changed from May 21, 2002)**

Application deadline: **September 18, 2002 (changed from June 4, 2002)**

Since 1996, the U.S. Department of Defense has funded more than \$52M in neurofibromatosis research. For FY02 NFRP, an estimated \$21 million will be available to fund competitive peer reviewed NF research.

Innovative proposals will be accepted for New Investigator, Idea, Investigator-Initiated Research, Therapeutic Development and Clinical Trial Awards. A new award called the Career Development Award has been added this year. Training will be funded as Nested Postdoctoral Traineeships as an optional part of Investigator-Initiated Research Awards. The intent of the Nested Postdoctoral Traineeship is to enable doctoral degree graduates to either extend ongoing research related to NF or broaden the scope of their research to include work relevant to NF under the guidance of a designated mentor who is participating in the proposal. Proposals are sought across all areas of laboratory, clinical, behavioral, and epidemiological research including all disciplines within the basic, clinical, psychosocial, behavioral, sociocultural, and environmental sciences; nursing; occupational health; alternative therapies; public health and policy; and economics. Additionally, proposals that address the needs of minority, low-income, rural, and other underrepresented and/or medically underserved populations may be submitted from any eligible institutional source.

(31) TOURETTE SYNDROME ASSOCIATION, INC. GRANT AWARDS

Web site: <http://www.tsa-usa.org/research/callforresearch.html>

Letter of intent due: **October 15, 2002**

Full application due: **December 15, 2002**

The Tourette Syndrome Association invites applications for research grants in basic and clinical sciences. Among the fields of interest are: basal ganglia physiology, neuroimaging, animal models, neuropathology, neurochemistry, and clinical treatment studies. Funding levels have been increased this year: up to \$75,000 for M.D. and Ph.D. applicants and up to \$40,000 for postdoctoral fellowships. For application packet or further information, contact: TSA Research Program, 718-224-2999 x222 or e-mail ts@tsa-usa.org

(32) NATIONAL MULTIPLE SCLEROSIS SOCIETY

Application deadline: **August 1, 2002**

Web site:

<http://www.nationalmssociety.org/Research-Grants.asp>

The Society welcomes applications for support of studies related to multiple sclerosis which may serve in any way to advance the mission of the Society. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation. To be considered for funding, all projects must show relevance to the Society's mission. The Society requests that all investigators planning to submit a proposal should first contact the Research Programs Department by letter or telephone to determine whether the planned proposal coincides with the Society's mission.

The principal investigator need not be a United States citizen. Deadlines for completed research grant applications are February 1 for projects to start on the following October 1, and August 1 for projects to start on the following April 1. The Society supports studies for terms of one to five years. For more information or to request an application, contact: Patricia A. O'Looney, PhD, Director, Biomedical Research Programs, (212) 476-0413 or send email: patricia.olooney@nmss.org

(33) NATIONAL SCIENCE FOUNDATION COGNITIVE NEUROSCIENCE

Web site:

<http://www.nsf.gov/pubs/2002/nsf02031/nsf02031.htm>

Application deadline: **July 15, 2002, January 15, 2003**

The National Science Foundation announces a new emphasis in the area of Cognitive Neuroscience within the Division of the Behavioral and Cognitive Sciences in the Directorate for Social, Behavioral, and Economic Sciences. National Science Foundation intends for the new cognitive neuroscience emphasis to spur the development of highly novel techniques and models directed toward enabling basic scientific understanding of a broad range of issues involving brain, cognition, and behavior.

The Cognitive Neuroscience emphasis seeks sharply innovative 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. Topics may bear on core functions such as sensory, learning, language, reasoning, emotion, and executive processes, or more specialized processes such as empathy, creativity, representation of self and other, or intentionality, among many other possibilities. Topics may also include how such processes develop and change in the brain. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity. Such projects should include a plan for sharing new software and other technologies with the research community at large.

NSF will support **Individual Investigator Research Projects, workshops, and doctoral dissertation improvement grants**. The estimated annual budget will be \$7 million. It is anticipated that about 30 awards will be made annually.

Nutrition

(34) INTERNATIONAL LIFE SCIENCES INSTITUTE NORTH AMERICA FUTURE LEADER AWARDS

Web site:

<http://northamerica.ilsa.org/activities/actlist.cfm?pubentityid=18&pubactivityid=322>

Application deadline: **June 28, 2002**

ILSI N.A. is a nonprofit, scientific research and educational organization established to advance the understanding of scientific issues relating to nutrition and food safety by bringing together scientists from academia,

industry, and the public sector to solve problems with broad implications for the well-being of the general public. ILSI N.A.'s programs are financially supported primarily by its industry membership.

The ILSI N.A. Future Leader Award, given to promising nutrition and food scientists, allows new investigators the opportunity to conduct exploratory research that might not receive funding from other sources or add to an existing project. Consideration will be given to individuals proposing research in the areas of experimental nutrition, nutrition and toxicology, and nutrition and food science. The grants will extend for a period of two years at a funding level of \$15,000 per year.

Nominees must have attained a Doctoral degree within the past seven years (*excluding clinical residency training and/or one year post doctoral training*); have a tenure track position, or have evidence of stable employment at a reputable research institution; first or second academic position; resident of North America; show potential for future scientific leadership in nutrition, nutrition and toxicology, or nutrition and food science, based on the recommendations of three senior colleagues.

Orthopaedics

(35) ORTHOPAEDIC RESEARCH AND EDUCATION FOUNDATION

PROJECT YEAR 2003 RESEARCH and CAREER
DEVELOPMENT GRANTS

Web site:

<http://www.oref.org/grants/grants.html#research>
(announcements, applications in Word format)

Application deadline: **August 1, 2002**

OREF supported orthopaedic research with \$3.2 million in grants and awards in 2001. The following grants and awards are accepting applications through August 1, 2002:

Research grants encourage new investigators by providing seed money and start-up funding of up to \$50,000 each year for up to two years, conditional upon annual review. The principal investigator or co-principal investigator must be an orthopaedic surgeon. Ph. D.'s and D.V.M.'s are eligible if they are affiliated with an orthopaedic department with an orthopaedic surgeon as the principal investigator or co-principal investigator. Funds may not be used for salary.

Career development awards encourage a commitment to scientific research in orthopaedic surgery. Candidates must have completed a residency in orthopaedic surgery and demonstrated a sustained interest in research and

excellence in clinical training. Letters of support must offer evidence of the candidate's potential to develop as an investigator. The budget may include salary support. Awards of up to \$75,000 each year for three years, conditional upon annual review, will be considered.

Prospective Clinical Research Grants provide funding for promising prospective clinical research projects. These awards are up to \$50,000 each year for up to three years, subject to the available levels of philanthropic support.

Resident research awards encourage development of research interests for residents and fellows in approved orthopaedic programs. Grants of \$15,000 are offered in January and July to be used over twelve months to cover research expenses except for salary or travel.

Sulzer Orthopaedics Resident Grant for Growth Factor Research is a \$15,000 grant created to encourage new research efforts in applications of growth factor technology to orthopaedic hard and soft tissue applications. The OREF Peer Review committee will select the recipient based on the scientific merit of the submitted study proposal. Proposals can be of a basic science, non-clinical or clinical nature encompassing applications of growth factors to advancing orthopaedic medicine, with primary applications in hard and soft tissue repair and regeneration.

The Zimmer Surgical Career Development Program - advances the scientific and/or clinical training of new orthopaedic surgeons who have a clinical or scientific interest in total joint surgery and/or trauma treatment. Awards include support for an individual receiving training or pursuing investigation, support for travel that furthers training or investigation, or support to provide for special resources required to advance training or investigation. The candidate and the sponsoring institution will develop the specific training and/or research plan. Zimmer has also added two new awards. Minority and female surgeons are encouraged to apply for awards reviewed and selected by members of the J. Robert Gladden and Ruth Jackson Orthopaedic Societies.

Howard A. Chansky, M.D., from the University of Washington, was a 2001 research grant recipient from OREF.

Pharmacy

(36) AMERICAN SOCIETY OF HEALTH-SYSTEM PHARMACISTS RESEARCH AND EDUCATION FOUNDATION (ASHP)

PHARMACY RESIDENT MEDICATION SAFETY GRANT PROGRAM

Web site:

<http://www.ashpfoundation.org/grants.htm#d> (letter of request guidelines)

Letter of request will be accepted between **August 15, 2002 through October 11, 2002**

The **Pharmacy Resident Medication Safety Grant Program** is being offered to residents completing an ASHP accredited residency program. The grant program is intended to support a worthy research project devoted to improving medication safety. Projects that demonstrate the role of the pharmacist in safe medication use, enhance medication-use systems, and can be duplicated in other health systems will be given high priority. A secondary goal of the program is to foster mentorship of residents by an experienced practitioner.

Eligibility is open to residents in an ASHP accredited (or pending accreditation) pharmacy residency program. Projects must relate to improvements that promote and foster safe medication use for patients. A residency preceptor or program director must serve as a co-investigator of the project and the project must be completed in 12 months.

Ten thousand dollars is available for one-three projects in medication use.

Letters of request will be accepted between August 15 and October 11, 2002.

Rehabilitation Medicine

(37) LANGELOTH FOUNDATION GRANTS

Web site:

<http://www.langeloth.org/grant/overview.htm>

(Letter of intent application procedures)

Letter of Intent deadline: **August 1, 2002**

The Langeloth Foundation makes grants to hospitals and other health facilities that support its purpose of promoting and supporting effective and innovative programs, policies, and practices related to convalescence from illness or accident. Institutions should demonstrate how their project will advance the field of convalescence or advance their internal capacity to provide excellent convalescent care, especially if it contains an innovative element. Grants can be requested for up to three years. Although its grants are made primarily to institutions in New York State, exceptions are made for proposals that

hold promise of national impact or extensive replication. Grants are awarded in the spring and the fall.

Applicants are encouraged to contact Scott Moyer, Program Officer, to make sure your project is in the Foundation's area of interest before sending a letter of intent. He can be reached at info@langeloth.org or (212) 687-1133.

The letter of intent deadline for the spring award is September 1. If invited to submit a full proposal, the deadline will be November 8, 2002.

Rheumatology

(38) ARTHRITIS FOUNDATION GRANTS

Web site:

<http://www.arthritis.org/research/proposalcentral.asp> (instructions, application forms) On-line applications are required.

Application deadline: **September 1, 2002**

GRANTS:

Innovative Grants Program broaden the base of inquiry in fundamental biomedical science, clinical science or behavioral research with relevance to rheumatic disease by encouraging applications for research proposals that involve an especially high degree of innovation and novelty or represent a special opportunity to address unique and relevant research questions. Research projects proposed may involve substantial experimental risks with the potential for highly significant outcomes. It pays up to \$100,000 annually for one or two years and is not renewable.

Individuals with doctoral degrees (M.D., Ph.D., D.O. or equivalent) at the assistant professor level or higher at any nonprofit U.S. institution are eligible to apply. Evidence of independence is required. Applicants must be U.S. citizens or have permanent residence.

CAREER DEVELOPMENT AWARDS:

Arthritis Investigator Awards are for M.D.s, D.O.s, Ph.D.s, or equivalent who have a minimum of three years of research experience but are not yet established as an independent investigator. These provide \$74,000 plus a \$1,000 institutional grant. This three-year award may be renewed for two more years. It requires an 80% time commitment in arthritis-related research. The most

important criteria for rating this award are the productivity and potential of the person applying for the support.

New Investigator Grants for Arthritis Health

Professionals are offered to encourage individuals in health care to carry out innovative research projects in areas related to arthritis and the rheumatic diseases. It is a two-year award that may be renewed for a third year. The proposed project is the most important criterion in the assessment of these applications. The award amount is \$35,000 each year. These grants are not for laboratory research. M.D.s are not eligible. Suitable studies include, but are not limited to, functional, behavioral, nutritional, occupational, or epidemiological aspects of patient care and management.

TARGETED GRANTS:

Target Identifications in Lupus grants program funds highly meritorious and innovative research directed to the identification of targets for new therapies in the treatment of lupus. This award is open to nonprofit and industry applications from anywhere in the world. Grants are made for \$250,000 a year for two years with a possibility of renewal. Individuals with doctoral degrees (M.D., Ph.D., D.O. or equivalent) are eligible to apply. Scientific independence as evidenced by direction of a research program or a publication record or other experience that establishes scientific leadership is necessary to apply.

Osteoarthritis Biomarkers grants program is to fund highly meritorious and innovative research directed towards the identification, characterization, or evaluation of biologic markers for the early detection or monitoring of the clinical course of osteoarthritis. Individuals with doctoral degrees at the assistant professor level or higher, at any nonprofit institution in the U.S. are eligible to apply. Grants are made for three years at \$90,000 each year. Individuals with doctoral degrees at the assistant professor level or higher, at any nonprofit institution in the U.S. are eligible to apply. Evidence of independence is required. Applicants must be U.S. citizens or have permanent residence.

TRAINING AWARDS:

Postdoctoral Fellowships are offered to encourage qualified physicians and scientists to embark on careers in research related to the understanding of arthritis and the rheumatic diseases. Fellows are provided stipend support for the early years of training. M.D.s must be within six years of postdoctoral research training. Ph.D.s are not eligible after four years of post-degree laboratory experience. The stipend is \$35,000 plus a \$500 institutional grant.

Physician Scientist Development Awards are for physicians embarking on careers in biomedical or clinical research in arthritis and the rheumatic diseases. Candidates will have no more than 16 months of research training at the time of application. This is a two-year award, which may be renewed for two more years. The stipend is \$50,000 plus a \$500 institutional grant. These awards are co-sponsored by the American College of Rheumatology.

Doctoral Dissertation Awards for Arthritis Health Professionals are intended to advance the research training of arthritis health professionals in their investigative or clinical teaching careers related to the rheumatic diseases. Dissertation projects are preferred for funding. The project must be related to arthritis management, comprehensive patient care in rheumatology practice, or arthritis research. The award is \$10,000 a year for one or two years.

Social Work

**(39) OPEN SOCIETY INSTITUTE
PROJECT ON DEATH IN AMERICA (PDIA)
SOCIAL WORK LEADERSHIP DEVELOPMENT
AWARDS**
Web site: <http://www.soros.org/death/socialrfa.htm>
(research priorities, application instructions)
Application deadline: **July 1, 2002 (Cycle VI) September 1, 2002 (Cycle VII)**

The **PDIA Social Work Leadership Development Awards** aim to promote innovative research and training projects that reflect a collaboration between schools of social work and practice sites that will advance the ongoing development of social work practice, education, and training in the care of the dying.

The Program on Death in America will grant up to six Social Work Leadership Development Awards. The period of the award may range from 18 to 24 months at \$30,000 per year. Priority will be given to projects involving collaboration between a school of social work and a practice site. These funds may be used to support a percentage of the recipient's salary and fringe benefits. They may also be used toward project costs, research assistance, travel funds for national meetings up to \$2,500, and other costs related to work on the recipient's project. A maximum of 10% will be allowed for institutional overhead.

Applications will be accepted from researchers and practitioners from health care facilities who have

demonstrated expertise in care of the dying, with priority given to those with doctoral level preparation; social work faculty from schools of social work throughout the United States, with priority given to those who hold a rank of Instructor, Assistant Professor, or Associate Professor; Advanced social work practitioners with documented clinical, community development, policy, or research experience; and individuals who have demonstrated leadership in advancing the field of social work.

Substance Abuse

(40) SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION (SAMHSA)

CENTER FOR SUBSTANCE ABUSE TREATMENT (CSAT)

GRANTS

Web site:

http://www.samhsa.gov/grants/content/2002/ti02009_HIV.htm **(application information and application instructions)**

Application deadline: **July 10, 2002**

SAMHSA-CSAT announces funds are available for grants to enhance or expand substance abuse treatment in conjunction with HIV/AIDS services in African American, Latino/Hispanic and other racial or ethnic communities that have been highly affected by the twin epidemics of substance abuse and HIV/AIDS.

Approximately \$24.5 million in funding will be available to fund up to 50 grants. About \$15 million will be used to fund up to 30 grants in metropolitan areas not previously funded under SAMHSA treatment grants. The remaining \$9.5 million will be available for up to 20 grants in states and metropolitan areas with high rates of AIDS. All grants must target high-risk substance abusing populations in African American, Hispanic/Latino, and/or other racial/ethnic minority communities.

Groups which may apply include not-for-profit community-based organizations, national organizations, colleges and universities, clinics and hospitals, research institutions, state and local government agencies, tribal government and tribal/urban Indian entities and organizations, and faith-based and community-based organizations.

**(41) SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION (SAMHSA)
COOPERATIVE AGREEMENTS**

(Web site:
http://www.samhsa.gov/grants/content/2002/sp02002_c_lubdrugs.htm
application forms, guidance for applicants)

Application deadline: **July 10, 2002**

Congress has authorized the Substance Abuse and Mental Health Services Administration's Center for Substance Abuse Prevention to announce the availability of Fiscal Year 2002 funds, for cooperative agreements for Ecstasy, other Club Drugs, Methamphetamine and Inhalant Prevention Infrastructure Development. Approximately \$4 million will be available for 12 awards for up to \$350,000 each for one year in total costs (direct and indirect). Approximately six awards will be made for ecstasy and other club drug prevention infrastructure development. Approximately six awards will be made for methamphetamine and/or inhalant prevention infrastructure development.

OTHER CATEGORIES

Equipment, Instrumentation

(42) U.S. DEPARTMENT OF DEFENSE

DEFENSE UNIVERSITY RESEARCH
INSTRUMENTATION PROGRAM (DURIP)

Application deadline: **August 22, 2002, 4:00 p.m. EDT**

Web site:

http://www.onr.navy.mil/sci_tech/industrial/durip.htm
(research priorities, application instructions, program managers)

This Department of Defense program will award approximately \$45 million in FY 2003 to universities for research equipment. The program will be administered through the Army Research Office (ARO), the Office of Naval Research (ONR), the Air Force Office of Scientific Research (AFOSR), and the office of the chief scientist of the Ballistic Missile Defense Organization (BMDO). DURIP is designed to improve the capabilities of U.S. institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense by providing funds for the acquisition of research equipment.

These funds will be awarded via grants made by ARO, ONR, AFOSR, and BMDO. Grants will be for the purchase of research equipment costing between \$50,000 and \$1,000,000. In FY 2002, 209 awards totaling \$45 million were made. Awards ranged from \$50,000 to \$1,000,000, averaging \$213,000; very few awards exceeded \$500,000.

This competition is open only to U.S. institutions of higher education with degree granting programs in science, math, and/or engineering. This announcement seeks proposals to purchase instrumentation in support of research areas of interest to DOD. Sufficient funds are not available to meet all of the instrumentation needs of the universities. Awards, therefore, will be restricted to universities conducting, or demonstrably capable of conducting (with the proposed new equipment), research in the areas of interest to DOD. A central purpose of the DURIP is to provide equipment to enhance research-related education. Therefore proposals must address the impact of the equipment on the institution's ability to educate, through research, students in disciplines important to DOD missions.

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