

WAKE FOREST UNIVERSITY

SCHOOL of MEDICINE
THE BOWMAN GRAY CAMPUS

OFFICE OF RESEARCH
<http://www.wfubmc.edu/or>

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PURSUIT

RESEARCH INFORMATION BULLETIN Vol. 16, No. 10 November 2002

CROSS-CAMPUS COLLABORATIVE RESEARCH SUPPORT FUND

The Cross-Campus collaborative research support program was established to stimulate creative pilot research projects between the School of Medicine and Reynolda Campus faculty. The goal of the program is to assist faculty research pursuits and to generate extramural funding for both campuses. Cross-campus grant awards are limited to collaborative efforts between full-time faculty members (including nine-month appointments), with preference given to projects that are not yet competitive for external funding. A maximum of \$15,000 over a 12-month period will be awarded for each collaborative project. Application information and instructions can be obtained at http://www.wfubmc.edu/or/comm_irsc.html. The deadline for submission is **March 14, 2003**.

FACULTY FOREIGN TRAVEL AWARDS

The Faculty Foreign Travel Award Program will be held again this year, and up to six awards will be made. These awards are made to encourage career development among faculty members in the junior and intermediate levels of seniority through participation in international scientific endeavors. Applications will be competitively evaluated by the Intramural Research Support Committee. Potential for career development and unique scientific, academic, or clinical opportunities will be the chief considerations in their review. Awards are limited to one-half of allowable travel costs to a maximum of \$1,500 from this award. Eligible applicants include assistant professors, associate professors or professors who do not have access to unrestricted research and development funds for travel. Preference will be shown to junior faculty. Complete information about the application process can be found at <http://www.wfubmc.edu/or>. The deadline is **February 27, 2003**.

The Office of Research is deeply saddened by the passing of our friend and colleague, Nancy Murray, on November 2, 2002. Nancy will be missed by the Office, and by the School.

CONCERN LINES

ANIMAL CARE & USE -
716-5899
RESEARCH CONDUCT -
716-0338
COMPLIANCE -
1-877-880-7888

**REGULATORY COMMITTEE
DEADLINES**

ANIMAL CARE AND USE COMMITTEE -
DECEMBER 6, 2002 AND JANUARY 3,
2003

INSTITUTIONAL REVIEW BOARD -
NOON - FRIDAYS

**INTRAMURAL RESEARCH
SUPPORT COMMITTEE
DEADLINES**

*REGULAR AND INTERIM -
JANUARY 22, 2003

* Clinical studies or other
research involving humans
are encouraged

**OFFICE OF RESEARCH WELCOMES NEW DIRECTOR OF
INDUSTRY RELATIONS**

Mr. Terry L. Stout will join the Office of Research as Director of Industry Relations, effective December 2, 2002.

Terry comes to the School from Emory University where he is the senior clinical business manager of the department of medicine, section on infectious diseases. At Emory he has been responsible for pre-award grant preparation and post award management of multi-million dollar research accounts.

Terry has also worked as the contracting officer/licensing associate at the Georgia Institute of Technology. At Georgia Tech, he prepared, negotiated and administered industry research, non-disclosure, material transfer, licensing, and royalty agreements. He was integral in the creation of the industry group which consisted of both industry contracting and technology licensing offices.

"We are extremely pleased and fortunate to have Terry join us. He brings with him extensive experience in grants administration, industry contracts, and technology licensing. That experience and knowledge will be instrumental in implementing our plans to increase our industry contracts and grow that area of our research enterprise," said Dr. James E. Smith, Associate Dean for Research.

ELECTRONIC SUBMISSION OF ANIMAL CARE AND USE PROTOCOLS

The WFU Animal Care and Use Committee (ACUC) has revised its submission policy to reduce paperwork and streamline review. Rather than the 22 hard copies previously required, the ACUC needs one original protocol with signatures, three (3) hard copies, and one version electronically. Signatures are not required on electronic copies. The original and three hard copies should be delivered to Beverly Greenwood in the Office of Research, Gray Building. The electronic copy should be sent on a disk or via email to bgreenwd@wfubmc.edu. An electronic template of the protocol form is available on line as a MS Word file via the Office of Research web site at http://www.wfubmc.edu/or/comm_acu.html

For all ACUC protocols involving nonhuman primates, a separate description of procedures for environmental enrichment is also required. An electronic version of the Nonhuman Primate Environmental Enrichment Standard Operating Procedures form can be found online.



DEAR DR. OR

Dear Dr. OR:

I am confused. In the past, payments for my industry studies have come to my coordinator's attention here in the department. I haven't seen such checks in a while. Where are they going?

Signed,
Confused

Dear Confused:

Checks for industry studies have been mailed to many different places- sometimes they would go directly to departments, other times they would go directly to the Controller's Office or to the Office of Research. This is problematic, since we need to identify each check with a particular study. To solve this problem, all research agreements now request that checks be mailed to Jean Brannock's attention in the Office of Research. Office staff will then match the check with the appropriate agreement, and forward them to the Controller's Office for proper accounting. In addition, a copy of the check will be mailed to the study coordinator for their records.

Dear Dr. OR:

NIH has requested "Just in Time" information for the grant application I submitted in the spring. Can I send this information to NIH myself, or do I need to route it through the Office of Research?

Signed,
JIT PI

Dear JIT PI:

NIH has requested that all "Just in Time" information be submitted by fax to the appropriate institute, with a fax cover sheet countersigned by the PI and an Institutional Official. The Office of Research has posted a Just In Time fax cover sheet on the website at www.wfubmc.edu/or, click on [Forms and Sponsored Research Information](#) and then click on [Institutional Information and Forms](#). Please complete this fax cover sheet and bring it to the Office of Research, signed by the PI, along with the information requested by NIH. OR will obtain Dr. Vrana's signature and fax the information to NIH.

Questions for Dr. OR should be submitted in writing to Amy Comer, Office of Research, or by e-mail: acomer@wfubmc.edu

FREE EQUIPMENT

The OB/GYN Perinatal Research Sheep Lab has the following surplus equipment available. If you are interested in any of the equipment listed please contact Eric J. Le'Saine at 63228.

- Grass Model 7 Six Channel Polygraph (3 available)
- Nellcor Model N-10 Hand Held Pulse Oximeter
- Harvard Model 2201 2 Syringe Pump
- Princeton Applied Research HPLC Pressure Chemical Detector
- Hamilton 2 Syringe Digital Dilliter
- Biosound ND256-8 Ultrasound Machine with 3 Probes
- Grass 4 Channel Polygraph (2 available)
- Sarns 5000 Heart and Lung Machine
- Technicare 256 Ultrasound Machine



2003 INSTITUTIONAL COMMITTEE DEADLINES

Intramural Research Support Committee*

January 22, 2003
April 16, 2003
September 23, 2003
November 18, 2003

*Regular and Interim Funding Applications accepted for all deadlines

Animal Care and Use Committee

January 3, 2003
February 7, 2003
March 7, 2003
April 4, 2003
May 2, 2003
June 6, 2003
July 3, 2003
August 1, 2003
September 5, 2003
October 3, 2003
November 7, 2003
December 5, 2003

Women's Health Educational and Research Opportunities for Clinicians and Scientists

*For upcoming conferences and lectures, visit
our calendar website at
www.wfubmc.edu/women*

RESEARCH WORKSHOPS:

GRANTS & MANUSCRIPTS—REGISTER NOW!

The Women's Health Center of Excellence is offering a series of workshops open to all WFU faculty, fellows, students and staff interested in learning practical tips to make scientific writing less painful and more productive. For a brochure or more information, please contact the COE at 713-4230 or email whcoe@wfubmc.edu. The two hour workshops are \$35, include all materials and a continental breakfast and are held in the Commons Conference Room #1, Nutrition Center Education Wing. Workshops are limited to the first 40 registrants.

Grant Writing: Tricks of the Trade

Friday, December 6, 2002 (8:30-10:30)

Grant Writing: Tricks of the Trade (*repeat*),

Friday, December 13 (8:30-10:30)

Manuscripts Part I: Anatomy of a Manuscript, Monday, Jan 13, 2003 (8:30-10:30)

Manuscripts Part II: How to Get Your Paper Published, Monday, Feb 17, 2003 (8:30-10:30)

COUNSELING FOR CHANGE: QUIT SMOKING, AN ONLINE INTERACTIVE COURSE

Developed through a grant from the Duke Endowment for the project, "Women's Health: Interventions for Smoking Cessation," the Northwest AHEC is offering a new online interactive course about counseling for smoking cessation. How much do you know about counseling smoking cessation? Would you like to test your knowledge? Visit <http://northwestahec.wfubmc.edu/learn/smokingcessation/index.htm>.

WOMEN'S HEALTH SEMINAR SERIES

Racial Disparity in Pregnancy-Related Mortality

Tuesday, December 3, 2002, NOON, Sticht Center Auditorium

Margaret Harper, MD, Associate Professor, Maternal-Fetal Medicine, WFUBMC.

Lunch is provided.

African-American women have a 2 to 4 fold increased risk of pregnancy-related death compared to white women. This represents the largest of racial disparities in reproductive health. This disparity is not explained by socioeconomic or medical risk factors. Further research is needed into potential differences in receipt of appropriate interventions, severity of disease and co-morbidities.

FERREE WINS 2002 SPECIAL SERVICE AWARD

Congratulations to Dr. Carolyn Ferree (Radiation Oncology) for winning the 2002 Special Service Award from the National Association for Women's Health. Dr. Ferree was recognized for her devotion to improving the clinical care of patients with breast cancer. She will receive the Award at the Association's annual meeting in November.

Women's Health Continued.....**ROCKEFELLER HUMANITIES FELLOWSHIP -
GENDER AND GLOBALIZATION IN ASIA AND THE PACIFIC**

In 2003 to 2004, Rockefeller Resident Fellowships in the Humanities and the Study of Culture will be offered at host institutions that were selected for their potential to promote new work in the humanities. Host institutions include academic departments, interdisciplinary programs, museums, research libraries, and community cultural centers that select scholars to receive Rockefeller Fellowships.

What is meant by globalization, and how are women active in, and acted upon by, the processes involved in globalization? This program, under the auspices of the Office for Women's Research at the University of Hawaii, is focused on addressing these and related questions. Research themes include women and economic transformation; women's health globally; migration, refugees, and diaspora movements and communities; militarism and global violence; domestic violence and victimization; gender, race, and representation; global connections of indigenous peoples; and reparation movements and interracial justice.

The office seeks scholars from Asian-Pacific and other nations who wish to extend or initiate work on gender and globalization within an Asian-Pacific context. Work that spans and links diverse disciplines and addresses one or more of the themes will be particularly favored, as will work that speaks to audiences both inside and outside of the university.

More information on the Rockefeller Resident Fellowships is available on the Rockefeller website: <http://www.rockfound.org/>.

Contact:

Dr. Kathy Ferguson, Director
Women's Studies Program
University of Hawaii
Phone: (808) 956-7464



NEWS FROM NIH

NATIONAL RESEARCH SERVICE AWARD (NRSA) STIPENDS AND UNALLOWABLE CHARGES

NRSA recipients receive a stipend - a subsistence allowance to help defray living expenses during the research training experience. It is not provided as a condition of employment with either the Federal Government or the institution. Since NRSA awards are not provided as a condition of employment, it is inappropriate and unallowable for institutions to seek funds for or to charge individual fellowships and institutional training grant funds for costs that would normally be associated with employee benefits (e.g., FICA, workman's compensation and unemployment insurance). NIH occasionally receives information that FICA and/or other unallowable costs have been inappropriately charged to NRSA stipends. This notice is a reminder that such charges are unallowable at all times.

NIDCD

Guidelines for Research Conference Grants (R13)

NIDCD supports scientific meetings, conferences and workshops in the areas of hearing, balance, smell, taste, voice, speech and language. Conference grant applications typically contain a plan for dissemination of the results and/or recommendations from the conference; this plan is evaluated during the review of the conference grant application. NIDCD will accept applications without a dissemination plan if adequate justification for not disseminating the results of the conference is provided. NIDCD will provide funds up to \$30,000 for R13 applications, however the Institute usually supplies less than the award ceiling and frequently supplies only partial support for a conference. NIDCD is willing to accept applications requesting budget's greater than \$30,000, because other NIH Institutes/Centers may contribute funds to support the application, beyond the NIDCD cap. Information about conference grants can be found at <http://grants.nih.gov/grants/guide/notice-files/not98-151.html>.

VIGILANCE:

UPDATES FROM WFUSM
ENVIRONMENTAL HEALTH AND SAFETY

FIRE AND LIFE SAFETY

Recent inspections of research areas have revealed the following fire code violations:

- Storage within 18 inches of a ceiling in labs (particularly important in areas with sprinklers)
- Hallways populated with furniture (must maintain egress clearance)
- Extension cords that run up and through ceiling tiles

Followup inspections will be conducted in the near future.

CHEMICAL SAFETY APPLICATIONS

Recently there has been some confusion as to when a Principal Investigator should complete a Chemical Safety Application. The following chart is offered as a summary of chemical safety documentation requirements:

TYPE OF CHEMICAL	CHEMICAL SAFETY APPLICATION REQUIRED	STANDARD OPERATING PROCEDURE
AIR OR WATER REACTIVE	X	X WFUHS SOP
ANESTHETIC GASES		
CARCINOGENIC	X	
DRUGS NOT USED IN THEIR USUAL PHARMACEUTICAL FORM		X
HAZARDOUS DRUG	X	X
HIGH ACUTE TOXICITY	X	
HORMONAL DRUG		X
REPRODUCTIVE TOXIN	X	
SELECT AGENT TOXINS	X	SPECIAL BSOP REQUIRED WFUHS SOP
URETHANE		

For assistance please contact Dan Hurley, Industrial Hygiene Officer, at 777-3078.

WFUSM ENVIRONMENTAL HEALTH
AND SAFETY

LEUKEMIA RESEARCH FOUNDATION

POSITION: Research Grants and Fellowships

DESCRIPTION: The Foundation supports research on leukemia and related subjects. It is the Foundation's intent to support new, unfunded projects in leukemia research and not to provide continuing funding to ongoing projects.

New Investigator Research Grants - these grants are awarded to investigators within five years of the end of their research training or of their first independent faculty appointment at the time of the proposed start date. Awards are for up to \$75,000 for one year.

Postdoctoral Fellowships - applicants with M.D., Ph.D. degrees or equivalent will be considered for a two-year period of salary support during their first to fourth years of postdoctoral training. Awards are for up to \$30,000 per year. Relatedness to leukemia and related disorders will be interpreted in a broad sense so that investigators in such areas as biochemistry, microbiology, virology, molecular biology, immunology or others will be acceptable as long as the projects to be supported relate to some significant aspect of leukemia or related disorders.

Physician-Scientist Postdoctoral Fellowships - the objective of this fellowship is to help physicians prepare for an independent career in the research of leukemia and related disorders, and obtain significant research results. Applicants must hold an M.D., D.O. or D.V.M. degree. Awards are for two years of salary support of up to \$45,000 per year.

Additional information can be found at <http://www.leukemia-research.org>.

DEADLINE: February 15, 2003

NATIONAL CATTLEMEN'S BEEF ASSOCIATION (NCBA)

POSITION: Request for Research Proposals

DESCRIPTION: NCBA is interested in expanding research efforts in three areas which have been identified as high priority for beef industry support:

- Beef as Part of a Balanced Diet/Parity Studies
- Beef's Role in Diet and Cancer Prevention
- Health Benefits of Beef Lipids

Awards amounts vary for each area, an average award amount is \$75,000.

DEADLINE: December 16, 2002

POSITION: Pre-Doctoral Research Fellowship in Nutrition

DESCRIPTION: The Association along with the Cattlemen's Beef Board has initiated a pre-doctoral dissertation research fellowship program to support students during the final two years of their doctoral research on nutrition or food science topics related to dietary beef and human nutrition. The primary emphasis of the program is on human nutrition and health related issues, and the contributions of dietary beef to a healthy diet. Stipends will be for up to \$20,000 per year, with a supply budget of \$5,000 and a travel budget of \$1,500.

DEADLINE: Letter of Intent Due December 16, 2002

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 623382, unless noted otherwise in the funding announcement

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 62382, unless noted otherwise in the funding announcement

NATIONAL FOUNDATION FOR INFECTIOUS DISEASES

POSITION: Grants and Fellowships Program

The Foundation provides funds for basic, epidemiologic, and clinical research in infectious diseases, and also provides grants and fellowships to encourage physicians to train as specialists and to conduct research in infectious diseases. The following programs are available:

Postdoctoral Fellowship in Nosocomial Infection Research and Training - This fellowship includes a \$25,000 stipend for one year and is intended to encourage qualified physician researchers to become specialists and investigators in the field of nosocomial infections.

DEADLINE: - January 7, 2003

John P. Utz Postdoctoral Fellowship in Medical Mycology - This fellowship includes a \$30,000 stipend for one year and is intended to encourage qualified physicians to become specialists and investigators in the field of medical mycology.

DEADLINE: - January 7, 2003

Postdoctoral Fellowship in Emerging Infectious Disease - This fellowship includes a \$50,000 stipend for one year and is intended to encourage and assist qualified physicians to become a recognized authority on emerging infectious diseases and epidemiology.

DEADLINE: - January 7, 2003

Colin L. Powell Minority Postdoctoral Fellowship in Tropical Disease Research - This fellowship includes a \$30,000 stipend and is intended to encourage and assist qualified minority researchers to become specialists and investigators in the field of tropical disease.

DEADLINE: - January 7, 2003

New Investigator Matching Grants - These grants are intended to assist new investigators who are beginning their research. Each application must be accompanied by an agreement from the applicant's sponsoring institution to match the \$2,000 award. The proposal must be based on research relevant to infectious diseases, microbiology, clinical medicine, epidemiology, nursing, etc.

DEADLINE: - February 15, 2003

Advanced Vaccinology Course Travel Grant - These grants are intended to assist recent postdoctoral graduates who have a demonstrated interest in a career in vaccinology. The awards are for \$4,000 and are meant to defray expenses related to attending the Advanced Vaccinology Course which will be held in Les Pensieres, Veyrier-du-Lac, France in May 2003.

DEADLINE: - December 3, 2002

Traveling Professorship in Rural Areas - This grant is funded through the NFID Steven R. Mostow Endowment for Ourteach Programs and is intended to provide support for the applicant to provide face-to-face infectious diseases education to practicing physicians in rural areas in the applicant's state of residence or primary practice. The duration of the outreach education shall be for five full working days that can either be contiguous or intermittent. Awards are for \$10,000 that may be used for travel expenses, handout production, and supplies. Personal honorarium will not exceed \$5,000 of the grant.

DEADLINE: January 7, 2003

NCI**POSITION:** Quick-Trials for Novel Cancer Therapies - PAR-03-005**DESCRIPTION:** This PA is intended to provide rapid access to support for pilot, Phase I, and Phase II cancer clinical trials as well as patient monitoring and laboratory studies. The focus of this Quick-Trial PA is on translational research in new agent development to ensure the timely exploitation of new cancer therapeutic approaches including the development of new cancer prevention agents. This PA provides a new approach in the grant application process by offering a rapid turnaround from application submission to funding. These applications do not require extensive preliminary data in the grant application, and support exploratory translational and clinical research studies involving cancer prevention, chemotherapy and rapid development and application of novel clinical therapies including image guided therapeutic procedures.**DEADLINES:** December 9, 2002, April 9, August 11, December 9, 2003**NIMH, NIA, NIDA****POSITION:** HIV/AIDS and Aging: Basic and Clinical Research - MH-03-004**DESCRIPTION:** The Institutes invite research grant applications to support research about older adults (greater than 50 years of age) infected with human immunodeficiency virus (HIV). This is an age group that has been overlooked or ignored by many researchers throughout the pandemic. A major goal of this RFA is to begin a process where basic and clinical scientists from various disciplines can overcome barriers to cross-disciplinary aging research in the context of HIV disease and its treatment. This RFA will use the NIH research project grant (R01) and the exploratory/developmental (R21) award mechanism.**DEADLINES:** Letter of Intent - December 13, 2002

Full Application - January 13, 2003

NIDA, NIA, NIAAA, NIDCD, NIDDK, NEI, NIMH, NINDS, NICHD**POSITION:** Novel Genetic Methods to Map Functional Neuronal Circuits and Synaptic Change - PAR-03-007**DESCRIPTION:** This PA solicits applications to develop new genetic-based methods and technologies for the purpose of mapping functional neuronal circuits and synaptic changes in the mammalian nervous system. Emerging genetic and transgenic technologies can be used to single out functionally related cells or neuronal populations for analysis or intervention. This PA would support the development of genetic-based tools to map neuronal interconnectivity, to monitor functional changes, or to drive functional changes within neuronal circuits as the first step in an effort by the NIH to create integrated genomic and functional connectivity maps of the mammalian nervous system. The primary goal of this PA is to support the development of novel (or significantly improve existing) genetic-based methods and technologies for the purpose of mapping functional neuronal circuits and synaptic changes in the mammalian nervous system. This PA will use the NIH research project grant (R01) and the exploratory/developmental (R21) award mechanism.**DEADLINES:** February 12, 2003, February 12, 2004 and February 14, 2005

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 623382, unless noted otherwise in the funding announcement

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 62382, unless noted otherwise in the funding announcement

NHLBI

POSITION: Functional Heterogeneity of the Peripheral, Pulmonary and Lymphatic Vessels - HL-03-004

DESCRIPTION: The Institute invites applications to address the functional heterogeneity of the arterial and venous sides of the peripheral and pulmonary vessels as well as the lymphatics. The purpose of this RFA is to support fundamental studies focusing on the cellular and molecular mechanisms that contribute to the functional differences which account for the heterogeneous nature of the adult peripheral, pulmonary and lymphatic vessels. These studies are to be limited to non-coronary arteries, pulmonary vessels, and the venous and lymphatic circulations. This RFA will use the NIH investigator-initiated research project (R01) award mechanism.

DEADLINES: Letter of Intent - January 14, 2003
Full Application - February 14, 2003

NHLBI

POSITION: Clinical Research in Peripheral Arterial Disease - HL-03-003

DESCRIPTION: This program aims to develop improved therapeutic and preventive approaches for atherosclerotic arterial diseases of the peripheral vasculature through integrated, multi-disciplinary clinical research projects. Key objectives include elucidating biological mechanisms related to the initiation, progression, and outcomes of disease; enhancing early detection by developing improved biomarkers, imaging approaches, and other relevant biomedical technologies; and developing novel therapeutic and preventive strategies. Emphasis in the RFA will be placed on multi-disciplinary clinical research designed to improve understanding of underlying mechanisms and translate this understanding into improved strategies for diagnosis, therapy and prevention of peripheral arterial disease. This RFA will use the NIH Investigator-initiated research project grant (R01) award mechanism.

DEADLINES: Letter of Intent - January 24, 2003
Full Application - February 26, 2003

NHLBI

POSITION: Innovative Research Grant Program - PA-03-015

DESCRIPTION: The overall goal of this program is to provide support for studies designed to provide preliminary results to demonstrate feasibility of novel approaches to heart, lung, and blood diseases and sleep disorders. The program will provide limited support, not to exceed \$100,000 in direct costs per year for up to two years, for such innovative research activities. Applications are expected to focus on new research that is innovative and potentially of high impact. Studies must include human subjects and make use of existing data sets or biological specimen collections. Awards made in this program may be used to support the addition and analyses of elements of existing data sets and specimen collections to the extent feasible within the time and dollar limits of the program. Establishment of new collaborations is strongly encouraged.

DEADLINES: February 1, June 1 and October 1, 2003

NIDDK

POSITION: Intestinal Failure, Short Gut Syndrome and Small Bowel Transplantation - PA-02-163

DESCRIPTION: The Institute seeks grant applications to study the pathogenesis, natural history, treatment and complications of intestinal failure and its therapies, including parenteral nutrition and small bowel transplantation. New fundamental discoveries that lead to ways to prevent intestinal failure or its complications, to improve existing therapies, parenteral nutrition or small bowel transplantation, or to devise novel therapies, could lead to a significant improvement in quality of life and decreased cost of care for patients suffering from intestinal failure. This PA will use the NIH research project grant (R01) and the Exploratory/Development research grant (R21) award mechanism.

DEADLINES: February 1, June 1 and October 1, 2003

NIDDK, NIA, NCI, NIAMS, NIDCR

POSITION: Bone Anabolic Hormones, Their Receptors and Signal Transduction Pathways - PA-03-008

DESCRIPTION: The objective of this initiative is to elicit grant submissions that focus on systemic hormones, local growth factors and bone-active cytokines with potential bone anabolic effects. The signal transduction pathways recruited by the receptors of these hormones and growth factors are of particular interest. Although the primary focus is on basic research, the long-term objective is to identify potential targets of therapeutic value in the treatment of diseases that adversely affect bone including, but not limited to, osteoporosis due to loss of gonadal steroids, aging, use of glucocorticoids and immunosuppressive drugs, hyperparathyroidism, excessive thyroid hormone replacement, or tumor metastasis to bone. This RFA will use the NIH research project grant (R01) and the exploratory/developmental (R21) award mechanism.

DEADLINES: February 1, June 1 and October 1, 2003

NIDDK, NIA

POSITION: The Life Cycle of the Adipocyte - DK-03-002

DESCRIPTION: The Institutes invite investigator-initiated Research Projects (R01 and R21) to study the life cycle of adipocytes. This initiative encourages investigators to develop the necessary biological procedures and reagents for characterization of adipocyte progenitor cells at multiple stages of determination and commitment into the adipocyte lineage, for use in identifying fat cell commitment factors, and to use in the study of adipose tissue turnover and remodeling. The goal of this initiative is to catalyze the development of novel treatments for metabolic diseases including type 2 diabetes, obesity, familial lipodystrophy, and acquired lipodystrophy associated with HIV infection and treatment.

DEADLINES: Letter of Intent - February 14, 2003

Full Application - March 14, 2003

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 623382, unless noted otherwise in the funding announcement

GRANT AND CONTRACT PROPOSAL WATCH

	This Fiscal Year July - Oct.	Last Fiscal Year July - Oct.	% Change
Proposals Submitted	303	291	4.1%
Dollars Requested	\$194,448,805	\$135,164,159	43.9%

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 62382, unless noted otherwise in the funding announcement

NIDA

POSITION: Cutting-Edge Basic Research Awards (CEBRA) - PAR-03-017
DESCRIPTION: The Institute invites applications for Cutting-Edge basic Research Awards (CEBRA) to foster highly innovative or conceptually creative research that advances our understanding of drug abuse and addiction and how to prevent and treat them. The CEBRA is a new mechanism designed by NIDA to foster novel research approaches and represents the high priority placed by NIDA on identifying such research. The CEBRA is specifically designed to support research that is high-risk and potentially high-impact and that is underrepresented or not included in NIDA's current portfolio. It is not intended for incremental research or research extending ongoing programs. It is aimed at experienced drug abuse research investigators who wish to develop or adapt new methods or techniques and at new investigators or scientists with expertise in fields other than drug abuse who wish to establish innovative programs in drug abuse research. The R21 funding mechanism allows support for projects in the early, first stages of development (Stage 1) where there are little or no preliminary data available, but which have a strong rationale and conceptual framework. Successful Stage I applicants will be eligible to apply for a Stage II award (R01) that will support the innovative research initiated in Stage I. Awards will be for up to \$100,000 for up to two years.

DEADLINES: February 1, June 1, and October 1, 2003

KEY FOR DEPARTMENT OF HEALTH AND HUMAN SERVICES

(DHHS) INSTITUTES - (<http://www.nih.gov/icd/>)

AHRQ - Agency for Healthcare Research and Quality

NCCAM - National Center for Complementary and Alternative Medicine

NCI - National Cancer Institute

NCNR - National Center of Nursing Research

NCRR - National Center for Research Resources

NEI - National Eye Institute

NHLBI - National Heart, Lung and Blood Institute

NHGRI - National Human Genome Research Institute

NIAAA - National Institute on Alcohol Abuse and Alcoholism

NIA - National Institute on Aging

NIAID - National Institute of Allergy and Infectious Diseases

NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases

NIBIB - National Institute of Biomedical Imaging and Bioengineering

NICHD - National Institute of Child Health and Human Development

NIDA - National Institute on Drug Abuse

NIDCD - National Institute on Deafness and Other Communication Disorders

NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases

NIDCR - National Institute of Dental and Craniofacial Research

NIEHS - National Institute of Environmental Health Sciences

NIGMS - National Institute of General Medical Sciences

NIMH - National Institute of Mental Health

NINDS - National Institute of Neurological Disorders and Stroke

NLM - National Library of Medicine

ORWH - Office of Research on Women's Health



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