

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. 9 October 2002

RESEARCH SUPPORT REACHES NEW HIGH AT WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE

Outside support for research and related activities at Wake Forest University School of Medicine reached \$145.6 million in the year ending June 30, setting another record. The total jumped from \$132.8 million last year, an increase of nearly \$13 million, which is equivalent to a good-sized company moving to Winston-Salem. The total represents a 9.6 percent increase over last year and more than a 20 percent increase over 2000.

Most of the outside support -- \$130.5 million -- went for research; the rest to demonstration and service projects (such as patient care for people with sickle cell disease or hemophilia, the child guidance clinic and outreach educational programs).

"This rapid increase in research support is what led to our space crunch," said Richard Dean, M.D., president and chief executive officer of Wake Forest University Health Sciences. "It is this in addition to our commitment to lead a biotechnology-based economic resurgence that led us to consider expansion in the Piedmont Triad Research Park."

In August, Dean announced that the WFUHS was joining with others to pursue a 180-acre expansion of the downtown research park that would transform the city's economy from one driven by manufacturing to one led by technology. The park will be anchored by a new "research campus."

"This significant increase in funding is a direct result of our outstanding entrepreneurial faculty," said James E. Smith, Ph.D., associate dean for research. "They continue to show high levels of initiative for advancing our knowledge base to ultimately increase the quality of care we deliver to our patients."

Of the \$145.6 million total, the federal government financed 78.9 percent; followed by 10.8 percent from industry and 8.1 percent from foundations and voluntary health agencies. Most of the federal funding comes from the National Institutes of Health (NIH). The school ranked 35th in NIH support last year, based on the federal fiscal year, which ended Sept. 30.

Continued on Page 2.....

CONCERN LINES

ANIMAL CARE & USE -

716-5899

RESEARCH CONDUCT -

716-0338

COMPLIANCE -

1-877-880-7888

**REGULATORY COMMITTEE
DEADLINES**

ANIMAL CARE AND USE COMMITTEE -

NOVEMBER 1 & DECEMBER 6, 2002

INSTITUTIONAL REVIEW BOARD -

NOON - FRIDAYS

**INTRAMURAL RESEARCH
SUPPORT COMMITTEE
DEADLINES**

*REGULAR AND INTERIM -

NOVEMBER 26, 2002

* Clinical studies or other
research involving humans
are encouraged**Continued from Page 1.....**

"The goal for the school is to be 30th in NIH funding five years from now," said Smith. "It's a big goal, but I am really optimistic about the ability of this institution to move the research enterprise significantly forward in the next five years."

Smith said that while the Office of Research would continue dealing with regulatory issues, "I'm also going to push in a new direction: the development of the research enterprise. The office will become much more proactive in working with faculty and groups of faculty to apply for programmatic grants. We are making a transition from what I would call a good 20th century medical school to a 21st century enterprise.

"We will be moving in the direction of programmatic areas of research. Research institutes and research centers will become much greater players in the future of the medical school. If you look at major academic institutions that are successful, they are structured this way."

---- Robert Conn

E-GRANTS**GOVERNMENT-WIDE ELECTRONIC APPLICATION SYSTEM**

According to an article in the Washington Fax last month, the federal E-grants program, an electronic government-wide grant application system, is expected to be deployed October 1, 2003, the start of fiscal 2004. E-grants replaces the Federal Commons grant application system. Mandated by the Federal Financial Assistance Management Improvement Act (P.L. 106-107), the Federal Commons was intended to provide a Web-based gateway and a searchable synopsis of grant programs and funding opportunities throughout the government. Federal Commons has evolved into E-grants. As with the Federal Commons site, E-grants will allow applicants to register and apply at one single point of entry, involving a central piece that you can communicate between the agencies. Government agencies will post funding opportunities and grant program information on E-grants.

GRANTSNET

Whether you are an undergraduate, a graduate or medical school student, a postdoc, or a professor looking to help your students, you'll want to search through GrantsNet's database. It provides detailed, searchable information about hundreds of grants, fellowships, training opportunities, education programs and other resources. Your subsequent searches are even easier because GrantsNet can save your personal profile and let you know quickly about new opportunities. The Howard Hughes Medical Institute (HHMI) and the American Association for the Advancement of Science (AAAS) created this database collaboratively to improve the "fit" between funders and applicants. GrantsNet can be accessed at www.grantsnet.org.

DEAR DR. OR

Dear Dr. OR:

Am I required to give all my research subjects a copy of the informed consent form or can I just ask if they want a copy and give a copy to only those that say yes?

Signed;

Passing out Consents

Dear Passing Out:

The Federal Regulation for the Protection of Human Subjects requires that a copy of the informed consent document be given to the person signing the form. Since informed consent is an ongoing process, it is important that the subject or their legally authorized representative receive a copy of the informed consent document for reference. Simply providing a copy of the consent document to those who indicate they would like one is not sufficient.

The ethical principle of Respect for Persons described in the Belmont Report states that individuals should be treated as autonomous agents. Informed consent is central to protecting the autonomy of human subjects. Therefore, informed consent is central to the protection of human subjects and is both a process and a procedure. The process of informed consent is the exchange of information that takes place between the prospective subject, and the investigator and study staff, before, during and sometimes after the study. The procedure of informed consent includes the shaping and signing of an informed consent document. The informed consent document serves as an important source of information, aiding the subject in making an informed decision regarding participation and serving as a reference throughout the study regarding the risks, benefits and general conduct of the study. The informed consent process and procedure are equally important and necessary to ensure the protection of human subjects

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

SEEKING POSITIONS

RECENT MASTERS DEGREE GRADUATE, NEUROSCIENCE AND ANATOMY, SEEKS EMPLOYMENT AS LAB TECHNICIAN OR RESEARCH ASSISTANT. FAMILIAR WITH MANY LAB TECHNIQUES, SUCH AS ANIMAL CARE, ANIMAL TISSUE ISOLATION AND CULTURE, MTT, IMMUNOHISTOCHEMISTRY, PCR, ETC. CONTACT DI XIUMIN, 777-8379 OR

XIUMINDI2002@YAHOO.COM.CN.

RECENTLY RELOCATED TO WINSTON-SALEM, FORMER STUDY COORDINATOR AT VA HOSPITAL IN NORTHPORT NY SEEKS SIMILAR POSITION AT WFUHS. BACKGROUND IS MD FROM GERMANY. VERY INTERESTED IN CLINICAL RESEARCH. CONTACT:

SMOOSAV@WFUBMC.EDU.

INDUSTRY SPONSORED RESEARCH

Sponsors frequently mail original industry documents directly to investigators where they can languish, holding up the initiation of clinical trials and other research. All original research, confidential disclosure, and material transfer agreements made with industry sponsors must be retained by the Institution, as instructed by the Office of Research and the Grants Management unit of the Controllers Office. Please send all fully-executed Industry agreements and agreements that require official WFUHS signature to Jean Brannock or Teresa Buie in the industry Relations unit of the Office of Research. Principal investigators and clinical coordinators are strongly encouraged to retain copies of all agreements for reference.



HAPPY HALLOWEEN

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*

CAMPAIGN TO END FAMILY VIOLENCE

This year, the Women's Center is inviting faculty and staff of all WFU campuses to submit an application to **The Campaign to End Domestic Violence**. This new program is designed to support efforts that prevent domestic violence, such as parent education, counseling, support groups, and other activities that address the pressing need for violence education, training, and outreach for victims.

Examples of possible projects include (but are not limited to) the following areas:

- Victim outreach
- Training for emergency-room personnel, medical providers, or other anti-violence advocates
- Broad-based, comprehensive community-awareness campaigns
- Programs that explore the linkages between child abuse, domestic violence, and youth violence

Cross-campus and community collaborations are strongly encouraged. Proposals may support a new project or assist part of a project already underway. **Funds cannot be used for general operating expenses or salary support. The proposal should not exceed \$2,500.** Proposals are limited to 2 pages.

Project Applications Due November 18, 2002

For an application packet, please contact Kristin Kidd at 713-5277 or email kkidd@wfubmc.edu

WOMEN HEALTH CENTER SEMINARS

Body composition and function after hip fractures - Evidence from the Baltimore Hip Studies

Tuesday, Nov 5, 2002, NOON, Sticht Center Auditorium.

Jay S. Magaziner, PhD, MS Hyg, Professor, Director of the Division of Gerontology, Dept of Epidemiology and Preventive Medicine, University of Maryland School of Medicine. Lunch is provided. Dr. Magaziner's research interests include gerontological epidemiology, psychosocial aspects of health and long-term care, causes and consequences of hip fracture, and outcomes research and methods for studying older populations.

Mark your calendar for the next speaker, **December 3, 2002**, Margaret Harper, MD, Associate Professor, Maternal-Fetal Medicine, WFUBMC. "Racial Disparity in Pregnancy-Related Mortality."

Women's Health Continued.....**ROCKEFELLER FOUNDATION HUMANITIES FELLOWSHIPS-STUDY OF SEXUALITY, GENDER, HEALTH, AND HUMAN RIGHTS**

The Program for the Study of Sexuality, Gender, Health and Human Rights, based at Columbia University, invites applications from postdoctoral scholars, advocates, and activists conducting innovative interdisciplinary work on the intersecting themes of sexuality, gender, health, and human rights in domestic and international contexts. The program aims to provide a supportive intellectual location to further the sometimes separate conversations and advances that have occurred within studies of sexuality, gender, health, and human rights. Despite new efforts to integrate human rights frameworks into feminist agendas and to frame health as a human right, the relationship of innovative scholarship and activism about sexuality to health and human rights remains to be explored. During their residencies in the program, fellows will examine the challenges and lessons posed by integrating sexuality, gender, health and human rights in theory, research, and advocacy. The focus is on examining and expanding traditional definitions and boundaries, while acknowledging conditions of inequality, marginality, and post-coloniality. The program will invite fellows to participate in interdisciplinary forums and seminars which bring together scholars, researchers, and advocates.

Deadline: January 15, 2003

Contact: Program for the Study of Sexuality, Gender, Health and Human Rights
Columbia University School of Public Health

Phone: (212) 305-5656

rock-sms-sph@columbia.edu

PFIZER/SOCIETY FOR WOMEN'S HEALTH RESEARCH (SWHR) SCHOLARS GRANTS FOR FACULTY DEVELOPMENT IN WOMEN'S HEALTH

The Scholars Grant Program represents the mutual commitment of Pfizer and the Society for Women's Health Research (SWHR) to support the scientific and academic advancement of M.D. or D.O. medical school faculty members interested in advancing the science of women's health. This competition reflects the burgeoning need for research in the basic biology of serious diseases that affect women and is consistent with new models of women's health that include and look beyond reproduction. Three individuals will be selected whose research explores biological mechanisms of diseases in women in cardiovascular disease, mental health, or reproductive physiology (which may include effects of sex hormones on reproductive and nonreproductive physiology).

Deadline: December 10, 2002

Contact: Program Coordinator

Pfizer/SWHR Scholars Grants for Faculty Development in Women's Health

Phone: (800) 201-1214

http://www.physicianscientist.com/scholars_programs/womens_health.html

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EDUCATIONAL FOUNDATION**Fellowships**

These Fellowships support women doctoral candidates writing their dissertations and scholars seeking postdoctoral/research leave funds. The Foundation places no restrictions on place or field of the project or age of the applicant. Applicants are evaluated on their scholarly excellence, teaching experience, and active commitment to helping women and girls through service in their community, profession, or field of research. Three types of American Fellowships are available: One-year postdoctoral/research leave fellowships (\$30,000); dissertation fellowships (\$20,000); and summer fellowships for postdoctoral/research leave (\$6,000). Additional information is available at <http://www.aauw.org>

NEWS FROM NIH

REMINDER:

Policy on the Acceptance for Review of Unsolicited Applications that Request \$500,000 or More in Direct Costs

In January of this year, NIH revised its policy on the acceptance of applications requesting direct costs of \$500,000 or more for any one year. NIH supports research projects with large budgets but needs to consider such awards as early as possible in the budget and program planning process. Regardless of the merit of the application or the budget justification, unanticipated requests for unusually high amounts of direct costs are difficult for NIH to manage. It is in the best interest of all parties if applicants anticipating large direct costs to contact the appropriate NIH program staff as early as possible to ensure that an Institute/Center would be willing to accept the application. Applicants must seek agreement to accept assignment from Institute/Center staff at least 6 weeks prior to the anticipated submission of any application requesting \$500,000 or more in direct costs for any year. If the requested dollars are significantly greater than \$500,000, then approval should be sought even earlier.

NINDS, NIMH

The National Institute of Neurological Diseases and Stroke and the National Institute of Mental Health have established a consortium of microarray centers to support gene expression profiling studies in the nervous system. All principal investigators on active NINDS and NIMH-funded research grants and centers are eligible to submit a proposal to use the consortium. The consortium offers state-of-the-art products and services for conducting profiling experiments with cDNA and oligonucleotide microarrays, including advice on experimental design and training in experimental techniques. The consortium is composed of three microarray centers located at Children's National Medical Center in Washington DC, Duke University in Durham, NC, and the University of California in Los Angeles, CA. Visit the consortium website to obtain a full description of facilities, services, and costs: <http://arrayconsortium.cnmcresearch.org>.

VIGILANCE:

UPDATES FROM WFUSM ENVIRONMENTAL HEALTH AND SAFETY

FIRE SAFETY IN THE LAB

Chemicals are the number one cause of fires in laboratories due to:

- improper storage
- use of flammables near a flame source
- chemical use without reviewing label or consulting MSDS

In addition to chemicals, there are other practices that can either start or increase the spread of a fire. To prevent the loss of life, research, equipment and material, follow these recommendations:

- Do not use extension cords as permanent wiring.
- Do not run electrical cords above the drop ceiling.
- Store boxes, etc. at least 18 inches from a sprinkler head.
- Inspect equipment wiring for exposed areas especially around the plug.
- Leave enough room in front of the circuit breaker panel to access the circuit breakers.
- Keep aisles clear to permit easy exit from the lab.

WILD POLIO SURVEY, PART II

Centers for Disease Control requires a survey of all laboratories to identify types of specimens stored, sources and locations (these surveys will begin November 1, 2002). Specimens that are confirmed, as well as those that may potentially contain wild poliovirus infectious materials, should be identified. Health and Human Services is also interested in identifying labs that do not store or have destroyed such infectious materials. Environmental Health and Safety requires all faculty to participate in this survey which will be conducted through the EH&S website.

WFUSM ENVIRONMENTAL HEALTH AND SAFETY



AMERICAN HEART ASSISTANCE FOUNDATION

POSITION: National Heart Foundation Starter Grant

DESCRIPTION: The Foundation sponsors research on the causes and potential treatments of stroke or cardiovascular disease. This program assists young investigators at the level of assistant professor or equivalent who are starting an independent research program. Awards are for \$25,000 for one year. Additional information is available at <http://www.ahaf.org>.

DEADLINE: November 1, 2002

AMERICAN LUNG ASSOCIATION

POSITION: Clinical Research Grants

DESCRIPTION: These grants are for investigators working in clinical areas relevant to lung disease. These areas may include physiological or epidemiological studies or those addressing questions directly related to patient care, health services, or ethical issues. This grant is targeted to individuals who have completed at least two years of research training and who are at the instructor or assistant professor level. Awards are for \$35,000 per year for two years. Additional information can be found at <http://www.lungusa.org/>

DEADLINE: November 1, 2002

HOWARD HUGHES MEDICAL INSTITUTE

POSITION: Predoctoral Fellowships in Biological Sciences

DESCRIPTION: These fellowships are intended for students who have completed less than one year of graduate study toward an M.S., Ph.D. or an Sc.D. degree in the biological sciences. Students who hold or are pursuing medical or dental degrees (M.D., D.O., D.V.M., D.D.S.) may also be eligible to apply. The fields of study supported by this fellowship include: Biochemistry; Bioinformatics; Biomedical Engineering; Biophysics; Biostatistics; Cell Biology; Developmental Biology; Epidemiology; Genetics; Immunology; Mathematical and Computational Biology; Microbiology; Molecular Biology; Neuroscience; Pharmacology; Physiology; Structural Biology; and Virology. The stipend for this award is \$21,000, with an annual fellow's allowance of \$2,500 and an annual institutional allowance of \$13,500. The program announcement, instructions and sample application materials are available at <http://www.national-academies.org/fellowships>.

DEADLINES: November 12, 2002 (last names beginning with A to H)
November 13, 2002 (last names beginning with I to P)
November 14, 2002 (last names beginning with Q - Z)



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

Research Funding Opportunities

Research Funding Opportunities

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

AMERICAN ASSOCIATION FOR CANCER RESEARCH

POSITION: Research Fellowships

DESCRIPTION: These fellowships in Basic, Clinical, Translational, and Prevention Research foster meritorious cancer research by young scientists currently at the postdoctoral or clinical research fellow level. The fellowships are from one to three years. The fellow must be at the postdoctoral or clinical research fellow level and have been a fellow for at least two years but not more than five years prior to July 2003. Awards are for up to \$30,000 per year. Additional information is available at <http://www.aacr.org>.

DEADLINE: November 15, 2002

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

POSITION: Technological Innovations in Neuroscience Awards

DESCRIPTION: The Fund supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated. The Fund invites letters of intent for the 2003 McKnight Technological Innovations in Neuroscience Awards. These awards encourage and support scientists working on the development of novel and creative approaches to understanding brain function. The Fund is especially interested in how technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. The program seeks to advance and enlarge the range of technologies available to the neurosciences and does not support research based primarily on existing techniques. A goal of the technology awards is to also foster collaboration between the neurosciences and other disciplines. Collaborative and cross-disciplinary applications are invited. Applicants must be in tenured or tenure-track positions. Additional information and instructions can be found at <http://mcknight.org/neuroscience>.

DEADLINE: December 1, 2002

NATIONAL SLEEP FOUNDATION

POSITION: Pickwick Postdoctoral Fellowship

DESCRIPTION: The Foundation supports projects in basic, applied and clinical sleep research. Applicants must hold an M.D., D.V.M., or D.O. degree and have completed their training within the last five years. Awards are for up to \$40,000 per year for up to two years.

DEADLINE: December 1, 2002



NIA

POSITION: Career Development in Aging and Genetic Epidemiologic Research Methodology - AG-03-001

DESCRIPTION: The Institute invites applications for the Mentored Clinical Scientist Development Award (K08) or the Mentored Research Scientist Award (K01) for career development in study design, data collection, and analytical methods for genetic epidemiologic research that focuses on aging-related topics. The purpose of this RFA is to develop expertise in genetic epidemiologic methods and techniques that can aid in identifying effects of genetic factors and elucidating gene-environment correlations, and age-related changes in gene expression on: rates of age-related behavioral, physiological and pathologic changes, differences in age of onset of diseases and disabilities, and/or broader outcomes not encompassed by disease diagnosis, such as exceptional longevity, in humans. These award mechanisms provide support for a period of supervised research and study for either clinically trained junior investigators without substantial research experience, but with commitment and potential to become productive, independent researchers in aging and genetic epidemiology (K08), postdoctoral research scientists who wish to substantially expand their knowledge and capabilities into aging and genetic epidemiology research (K01), or experienced investigators in genetics, epidemiology, biostatistics, or related fields who wish to develop their research approaches by learning aging and genetic epidemiologic methods that can be applied to their substantive areas of investigation (K01).

DEADLINES: Letter of Intent - November 18, 2002
Full Application - December 18, 2002

PURSUIT

NCI

POSITION: Cancer Research Small Grant Program - PAR-02-176

DESCRIPTION: The Institute invites applications that address developmental research in chemoprevention agent development, biomarkers, early detection, and nutrition science. The Small Grants Program is designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of research expertise in cancer prevention research. It is anticipated that these Small Grant Programs may lead to the submission of subsequent individual research project grants (R01). New, as well as experienced, investigators in relevant fields and disciplines may apply for small grants to test ideas or do pilot studies. Awards are for up to \$50,000 per year for up to two years.

DEADLINES: November 20, 2002; March 20, July 21, November 20, 2003

NIA, NCI

POSITION: Integrating Aging and Cancer Research - PA-02-169

DESCRIPTION: The NIA and the NCI invite research grant applications for studies directed at cancer in older persons. The majority of cancers affect older persons disproportionately because aging is a high risk factor for malignant tumors. The focus for this research solicitation is on the older adult age group in the U.S. population in which cancer primarily occurs, that is, persons aged 65 years and older. This PA will use the NIH research project grant (R01) award mechanism.

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

Research Funding Opportunities

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

Research Funding Opportunities

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

NIDA

POSITION: Small Grants Program - PA-02-170

DESCRIPTION: The Institute provides research support of up to \$50,000 per year for up to two years in order to conduct research relevant to any area of NIDA's programmatic mission. This includes a wide variety of biomedical, biobehavioral, clinical, health services, epidemiological, behavioral, and prevention research areas relevant to the study of drug abuse or addiction processes. It is not necessary that drugs of abuse be studied directly or that drug abusing populations be included, but the relevance of the research to drug abuse or drug addiction should be clearly established in the application. Potential investigators should contact the staff listed in the Inquiries section of the PA in order to determine if their research is relevant to a NIDA program area.

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

NIDA

POSITION: Exploratory/Developmental Grant Applications (R21)- PA-02-171

DESCRIPTION: The objective of this PA is to encourage applications from individuals who are interested in testing innovative or conceptually creative ideas that are scientifically sound and may advance the understanding of drug abuse and addiction. The exploratory/developmental mechanism of grant support is intended to enable an investigator to explore the feasibility of an innovative research question or approach. Thus, preliminary data specific to the proposed project are not expected, but data demonstrating feasibility are desirable. Novel and creative approaches are essential. Awards are for up to \$100,000 per year for up to 3 years.

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

NIAAA

POSITION: Behavioral Science Track Awards for Rapid Transition (B-START) - PA-02-174

DESCRIPTION: The Institute invites newly independent investigators to submit applications for small-scale, exploratory (i.e., pilot) research projects related to NIAAA's behavioral sciences mission. The B-START Award will provide rapid review and funding decisions of applications. Experimentally-based research applications are encouraged across a wide variety of behavioral factors in alcohol abuse and its sequelae, including neurocognitive, cognitive and perceptual processes and psychosocial influences such as motivational, social and community factors. Both animal and human studies are encouraged. Since alcohol abuse sometimes plays a role in HIV/AIDS transmission, studies applying basic behavioral science models and methods to address this issue are also encouraged. Through the issuance of this PA, the NIAAA hopes to facilitate the entry of beginning investigators into the field of alcohol-related behavioral science research. Awards are for \$50,000 per year for up to two years.

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

NCI**THE OFFICE OF DIETARY SUPPLEMENTS (ODS)**

POSITION: Diet, DNA Methylation and Other Epigenetic Events, and Cancer Prevention - CA-03-016

DESCRIPTION: The NCI and ODS invite applications for new R01 and R21 grants which are focused on research leading to the elucidation of mechanism(s) by which dietary factors influence epigenetic processes as well as increasing the understanding of these processes in cancer prevention. The approach is to encourage collaboration between nutrition and epigenetic/DNA methylation experts to study bioactive food components with cancer processes (i.e., carcinogen metabolism, cell division, differentiation, apoptosis) so that investigators can begin to establish linkages between epigenetics, methylation pattern, and tumor incidence/behavior. It is anticipated that the information gained will provide guidance for the development of dietary intervention strategies for cancer prevention. This RFA will use the NIH research project grant (R01) and exploratory/developmental grant (R21) award mechanisms.

DEADLINES: Letter of Intent - February 18, 2003
Full Application - March 18, 2003

NCI**THE OFFICE OF DIETARY SUPPLEMENTS (ODS)**

POSITION: Diet, DNA Methylation and Other Epigenetic Events, and Cancer Prevention: Competing Supplements- PAR-02-175

DESCRIPTION: The NCI and the ODS invite competitive supplement grant applications for existing NCI grants to undertake adjunct research projects leading to elucidation of mechanism(s) by which dietary factors influence epigenetic processes as well as increasing the understanding of these processes in cancer prevention. The approach is to encourage collaboration between nutrition and epigenetic/DNA methylation experts to study bioactive food components with cancer preventative properties, and to examine key epigenetic events in cancer processes (i.e., carcinogen metabolism, cell division, differentiation, apoptosis) so that investigators can begin to establish linkages between epigenetics, methylation pattern, and tumor incidence/behavior. It is anticipated that the information gained will provide guidance for the development of dietary intervention strategies for cancer prevention. The mechanism of support will be competing supplements to existing NCI-funded research project grants (R01), program projects (P01), cooperative agreements (U01), and center core grants (P30).

DEADLINES: Letter of Intent - February 18, 2003
Full Application - March 18, 2003

GRANT AND CONTRACT PROPOSAL WATCH

	This Fiscal Year July - Sept.	Last Fiscal Year July - Sept.	% Change
Proposals Submitted	216	210	3%
Dollars Requested	\$137,624,802	\$86,605,114	59%

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

Research Funding Opportunities

Research Funding Opportunities

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

NCI

POSITION: Exploratory Studies in Cancer Detection, Diagnosis and Prognosis - PA-03-003

DESCRIPTION: The Institute invite research grant applications from interested investigators to explore innovative strategies for the early detection of cancer, assessment of cancer prognosis or prediction of response to cancer treatment. Advances in the understanding of basic cancer biology and the development of powerful molecular technologies are leading to the identification of many new abnormalities in precancerous and cancer cells. This initiative promotes the initial evaluation of molecular or cellular characteristics in human specimens and/or the development of assays that may result in important advances in the detection, diagnosis and treatment of cancers. The objective of this PA is to encourage applications for exploratory (R21) grants from individuals who are interested in testing new ideas that are based on a sound scientific rationale and may advance progress in cancer detection and diagnosis. The NIH Exploratory/Developmental (R21) will be utilized to support pilot projects or feasibility studies that may produce innovative advances in science.

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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