

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. 17, No. 9, October 2003

OUTSIDE SUPPORT FOR RESEARCH CLIMBS SHARPLY AT WAKE FOREST

Outside support for research and related activities at Wake Forest University School of Medicine continued to climb sharply, reaching more than \$157.7 million in the fiscal year that ended June 30. That's up from \$145.6 million in fiscal 2002 and \$132.8 million in fiscal 2001. "This significant increase in extramural funding demonstrates that our outstanding faculty is excelling in competing on a national level," said James E. Smith, PhD, associate dean for research. "I expect further advances in our research enterprise because of our entrepreneurial faculty. I do not believe that we have yet realized our full potential." The increase in support for research at Wake Forest is driving the need for more research space, because most new research grants lead to the hiring of additional personnel, which means finding places for them to work. "The construction of research space on the new campus downtown will provide the space and infrastructure for major advances in the next several years," Smith said. Most of the \$157.7 million, nearly 78 percent, came from the federal government, with another 10.2 percent coming from private industry -- primarily drug companies -- and more than 9.8 percent from voluntary health agencies such as the American Heart Association and the National Cancer Society and foundations such as the Robert Wood Johnson Foundation. The bulk of the money -- more than \$142 million -- is for research, supporting 908 research projects, research centers or training fellowships. The rest went for demonstration and service grants, such as support of the Northwest Area Health Education Center, the Child Guidance Clinic, a number of state-sponsored pediatric clinics and programs, and projects such as Faith in Action.

INTRAMURAL RESEARCH SUPPORT COMMITTEE TRANSITIONS TO ELECTRONIC SUBMISSIONS

The WFUSM Intramural Research Support Committee (IRSC) is making strides to improve its use of electronic systems to reduce cost and streamline processes by accepting electronic grant applications. Beginning with the **November 18th** deadline, an electronic copy of the application in Microsoft Word or Adobe Acrobat for the PC will be required, along with four hardcopies of the application package. An electronic version may be transmitted as an attachment (one file that includes the application and biosketches) to Angela Horton at ahorton@wfubmc.edu or on a floppy disk, zip disk (250 or 100MB) or CD, in addition to the original and 3 hard copies. An electronic version of the application will be made available to IRSC members for review via secure electronic transmission, which will reduce paper usage and increase the speed of communication. The revised application procedure will be posted on the IRSC website, accessible through the Office of Research website www.wfubmc.edu/or, click on Intramural Research Support Committee.

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 7 AND DECEMBER 5,
2003

INSTITUTIONAL REVIEW BOARD -
NOON - FRIDAYS

**INTRAMURAL RESEARCH
SUPPORT COMMITTEE
DEADLINES**

*REGULAR AND INTERIM -
NOVEMBER 18, 2003
JANUARY 16, 2004

* Clinical studies or other
research involving humans
are encouraged

NIH GRANT APPLICATIONS: MODULAR BUDGET PROCESS

The Office of Research and the Controller's Office would like to remind faculty and staff of the School's established modular grant budget process for NIH grants. During the pre-award budget process, the Controller's Office and the Office of Research must review and evaluate the feasibility of a budget for a particular project -- the best way to do this is to review a detailed budget. Although in some instances this has not been fully enforced, for all future modular budget submissions, we will be requiring a detailed budget prior to sign off.

This process assists in budget creation. It allows for the requested funding to be an accurate estimate of costs and is a guide for determining the number of modules that will be requested. Also, in the post award setting, the Controller's Office will have a budget on file and this will facilitate the account set up process.

With this in mind, there is a user-friendly modular budget spreadsheet to use during this process available on the Office of Research website (<http://www.wfubmc.edu/or>).

PROMOTION OF WFUHS RESEARCH

The Office of Research and Office of Public Relations and Marketing are working closely to increase awareness of research efforts among the public and scientific community - both regionally and nationally - and ask for your help. Each department, section and center is asked to appoint a person to inform Public Relations and Marketing about ongoing research finding and activities. Once these individuals are identified, PR&Marketing will initiate contact with them to begin a dialogue. This will give PR&Marketing a direct link to departments, sections and centers allowing them to be better informed about the research enterprise. As always, individual researchers can contact PR&Marketing directly if they have information to share. Each department, section and center should contact Karen Richardson by email (krchrdsn@wfubmc.edu) or by phone (64453) and identify the contact person for their area. Participation and the information shared with PR&Marketing will be vital to the improved awareness and recognition of WFUHS.



VIGILANCE:

UPDATES FROM WFUSM ENVIRONMENTAL HEALTH AND SAFETY

INFLUENZA IMMUNIZATIONS

Once again, influenza immunizations will be offered to faculty, staff and students beginning the week of October 27, 2003.

CDC recommends immunizations for the following groups:

- persons over 65 years of age
- residents of nursing homes and other chronic-care facilities that house persons of any age who have chronic medical conditions
- adults and children who have chronic disorders of the pulmonary or cardiovascular systems, including asthma
- adults and children who have required regular medical follow-up or hospitalization during the preceding year because of chronic metabolic diseases (including diabetes mellitus), renal dysfunction, hemoglobinopathies, or immunosuppression (including immunosuppression caused by medications or by human immunodeficiency virus [HIV])
- children and adolescents aged 6 months to 18 years who receive long-term aspirin therapy and, therefore, might be at risk for experiencing Reye syndrome after influenza infection
- women who will be in the second or third trimester of pregnancy during the influenza season
- individuals aged 50 to 64 years (This group has an increased prevalence of persons with high-risk conditions and historically has low vaccination rates)
- individuals who can transmit influenza to those at high risk (This group includes physicians, nurses, and other personnel in both hospital and outpatient-care settings)

Immunizations will be provided through Employee Health and at various satellite sites throughout the School and Medical Center. Times and locations will be posted via *infni*Net.

WFUSM ENVIRONMENTAL HEALTH AND SAFETY



SEEKING POSITION

CERTIFIED MEDICAL TECHNOLOGIST AND VETERINARY TECHNOLOGIST WITH MORE THAN 23 YEARS OF EXPERIENCE IN CLINICAL, CHEMICAL, QUALITY ASSURANCE AND INDUSTRY RESEARCH SEEKS POSITION IN RESEARCH. RECENT EXPERIENCE INCLUDES ANALYSIS IN ANALYTICAL CHEMISTRY DIVISION, TOBACCO CHEMISTRY LABORATORY. CONTACT GINA GENTRY, 996-3457. OR

GINABGENTRY@YAHOO.COM

UPCOMING RESEARCH ADMINISTRATORS MEETINGS

NOVEMBER 13, 2003 –

INDUSTRY RELATIONS UPDATE

DECEMBER 11, 2003 –

TIME/EFFORT REPORTING AND CASE STUDY

ALL MEETINGS ARE HELD AT 10:00 AM. IN THE NUTRITIONAL RESEARCH CENTER CONFERENCE ROOM #3. PLEASE EMAIL AMY COMER IF YOU WOULD LIKE TO BE ADDED TO THIS EMAIL GROUP. (ACOMER@WFUBMC.EDU)



Wake Forest University Baptist
MEDICAL CENTER
 Women's Health Center of Excellence

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

RFA: CROSS-CAMPUS COLLABORATIVE RESEARCH SUPPORT AWARDS

A call for new proposals for the Cross-Campus Collaborative Research Support awards has been announced. The deadline for receipt is **January 23, 2004**. The goal of these awards is to stimulate research between the Reynolda and Bowman Gray campuses; therefore, participation from faculty on each campus is a requirement for every proposal.

Up to \$15,000 is available for these one-year projects. Proposals will be judged on their scientific merit as well as the likelihood of generating viable pilot data for extramural funding applications. In addition, the benefit of, and need for, the collaboration itself will be primary considerations.

Applications can be submitted to the Office of Research on the Bowman Gray campus or the Office of Research and Sponsored Programs on the Reynolda Campus. Detailed directions and submission information can be found at www.wfu.edu/rsp/collab.html.

NEW BREAST CANCER FACTS AND FIGURES RELEASED

The American Cancer Society has just released its biennial *Breast Cancer Facts & Figures 2003-2004*. Early detection and new treatment methods have led to decreases in overall breast cancer mortality, but a growing disparity in mortality between white women and African American women raises questions and concerns. Get the facts at the American Cancer Society website (www.cancer.org/statistics) or the Susan B. Komen Foundation (www.komen.org).

OTHER UPCOMING EVENTS OF INTEREST

November 20, 2003

Pathways Linking Education to Quality Women's Health Care and Promotion – Sheraton College Park, Beltsville, MD

Sponsored by: The Mid-Atlantic Association of Community Health Centers. Details at: www.machc.com/WebRegistrationForm.doc

Meeting focus is on improving quality of life of women with breast cancer, diabetes, or heart disease. Registration is only \$75.

REMINDERS

“Breaking the Glass Ceiling”: Panel on Professional Challenges in Biomedical Research Careers, **October 29, 4:30-6:30 p.m.**, Meads Hall, 2nd Floor Conference Room. Panelists include Drs. Bernadine Healy, Sally Shumaker, and William Applegate. Free – Please RSVP to nbarrett@wfubmc.edu

Graylyn Conference on Women's Health, October 29-31, Winston-Salem, NC: “Women and Cognition”. Speakers include Dr. Bernadine Healy. Contact: kwagoner@wfubmc.edu

Next Research Workshop: “How to Get Your Paper Published,” **Nov. 21**, 1-4 p.m. Registration fee is \$40. Contact: byoungda@wfubmc.edu

DEAR DR. OR



Dear Dr. OR:

Someone told me that you can include HIPAA information in an informed consent rather than use a separate HIPAA Authorization. Is the true? I would like to use one form rather than two.

Signed
Compounding Authorizations

Dear Compounding,

One way the HIPAA regulations protect the privacy of an individual's protected health information (PHI) is by giving them the opportunity to sign an Authorization for the use and disclosure of their PHI for reasons other than treatment, payment or operations. For research, this mean a subject must authorize the use and disclosure of their PHI in addition to providing informed consent for participation in the research study. The Authorization may be combined with an informed consent or it may be a separate document. In either case it must contain specific core elements and required statements stipulated in the HIPAA regulations. These include the following:

- Description of PHI to be used or disclosed
- Person(s) authorized to make and receive requested use or disclosure
- Purpose for the use or disclosure
- Expiration date or event (e.g. end of the research study or none)
- Subject or legally authorized representative signature and date
- Right to revoke Authorization plus exceptions and process
- Ability/Inability to condition treatment, payment, or enrollment/eligibility for benefits on Authorization
- PHI may no longer be protected by Privacy Rule once it is disclosed by the covered entity

If this information is part of an informed consent then it must be reviewed and approved by the IRB.

The WFUHS IRB has developed template HIPAA language that can combined with the informed consent. This can be used in new informed consents or be included in previously approved informed consents by amendment. The template language is available on the IRB web page under the HIPAA section and in the WFUHS template informed consent under the "What about the Use, Disclosure and Confidentiality of Health Information?" section. The template informed consent can be found on the IRB web page under the General Information and Forms section.

Investigators should be aware that if HIPAA Authorization language is combined with the informed consent the subject must be given a signed copy of the informed consent. In addition, the HIPAA regulations require that the signed Authorization must be retained for 6 years from the date it was signed or the date it was last in effect, whichever is later. This means these requirements would apply to the retention of informed consents that have been combined with HIPAA Authorization language.

Dear Dr. OR:

Approval for my IRB submission was held up because it did not include a biographical sketch for each listed co-investigator. Why is this such a big deal?

Signed
Searching for Biosketches

Dear Searching,

Having qualified investigators and appropriate expertise among the investigators to conduct all aspects of the study minimizes risks to subjects. Federal regulations require that investigators be qualified by training and experience to conduct the research study [21CFR312.53(a)]. The IRB uses the biographical sketch as a means to systematically document that it has determined that the investigators are qualified and that there is appropriate expertise to conduct the proposed research study. Without the biosketches for co-investigators and principal investigator the IRB cannot adequately make this determination and therefore cannot fully approve a submission.

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

CONTROLLER'S CORNER - GRANTS MANAGEMENT

Annual increase in budgets:

It is the practice of WFUHS to increase budgets by 3% each year. This is institutional practice and not necessarily the practice of other universities.

If you are collaborating with another university that has the policy of using a 4% escalation, we will accept that escalation rate. However, if they do not have a formal policy or practice, we will use our 3% escalation practice.

Tax issues:

WFUHS is a tax exempt 501C-3 organization. Therefore, when the institution makes a purchase, it can apply for a sales tax refund from the state. However, we cannot apply for the tax refund when an individual purchases something and requests reimbursement for the item. The ability of the University to claim exemption from sales tax is determined by payment. If the University directly pays the vendor, no tax is applied to the sale. Therefore if you do not want to pay the tax on an item, use the WFUHS purchasing system, or have the supplier bill the University directly. In the latter situation, submit a request for payment with the check being made out to the supplier, not to an individual.

Clarification on Payments to Clinical Study Participants as detailed in the September Pursuit:

If you submit a W-9 with your request for payment to reimburse a clinical study participant, a log of study participants is not required. The log is usually used in cases where you are distributing gift certificates or cash from a petty cash supply. Logs are to be turned in to Steve Morgan in the Controller's Office, by the end of the calendar year as he must report to the IRS on a calendar year basis.

HAPPY HALLOWEEN



Special Exception - Submission of A3 Applications during Center for Scientific Review (CSR) Reorganization

Present NIH policy allows consideration of revised applications for only two additional versions (A1 and A2). The most common situation is for revised applications to be reviewed by the same committee that reviewed the previous version, but this is not always the case. Because of the reorganization of the Integrated Review Groups and their component study sections in the CSR, some investigators may be concerned that amended applications may be assigned to a new study section. This reorganization is a special circumstance that warrants offering applicants in a particular category an additional review opportunity. Accordingly, NIH has decided to allow a third (A3) revision for applications that meet all of the following criteria:

- They were reviewed in their first revision (A1) in a to-be-disbanded study section and not funded.
- They were reviewed in a newly created study section as the second revision (A2) and not funded.
- A note citing this opportunity appears on the summary statement of A2 application.

This will allow all amended applications to have their final two reviews within the reorganized CSR review committee. This opportunity applies only to the identified applications, other A3 applications will not be accepted.

PURSUIT

**THIRD ANNUAL SOUTHEASTERN SBIR/STTR
BIOTECHNOLOGY CONFERENCE****WHEN:** Wednesday, December 3, 2003 - 9:00 am - 5:00 pm**WHERE:** NC Biotechnology Center, Research Triangle Park**COST:** \$75 (Conference and SBIR Cost Proposal Session)
\$60 (SBIR Cost Proposal Session Only)**REGISTRATION AND INFORMATION** - [http://www.sbtdec.org/
events/sbir/southeastern_biotech/](http://www.sbtdec.org/events/sbir/southeastern_biotech/)

While aimed at SBIR/STTR competitors, this is a unique workshop that has proven valuable for any recipient of government contracts and grants.

Research Funding Opportunities

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

AMERICAN FEDERATION FOR AGING RESEARCH (AFAR)

POSITION: Research Grants and Fellowships

DESCRIPTION: AFAR supports investigators conducting cutting-edge biomedical research on the aging process and age-related diseases. Additional information about the programs, including applications and guidelines can be found at <http://www.afar.org>.

Research Grants - awards of up to \$60,000 for up to two years for junior faculty to do research that will serve as the basis for longer term research efforts.

DEADLINE: December 12, 2003

Pfizer/AFAR Innovations in Aging Research Program - this new program seeks to support M.D. and Ph.D. investigators who are working in the basic biology of aging and in translational areas of aging research, focusing specifically on four areas: cancer, cardiovascular disease, stroke and Alzheimer's disease. Awards are for up to \$200,000 for up to two years.

DEADLINE: Deadline to be determined

Beeson Career Development Award - this award is aimed at bolstering the current and severe shortage of academic physicians who have the combination of medical, academic and scientific training relative to caring for older people. Specific details on this program are posted on the website.

DEADLINE: December 17, 2003

Merck/AFAR Junior Investigator Awards in Geriatric Clinical Pharmacology - this program addresses the critical need of developing more physicians with a command of geriatric clinical pharmacology. Physicians who are board certified or eligible in a primary specialty by July 1, 2004 are eligible. Awards are for \$120,000.

DEADLINE: November 3, 2003

Ellison Medical Foundation/AFAR Senior Postdoctoral Research Program - The program encourages and furthers the careers of post-doctoral fellows (both M.D.'s and Ph.D.'s) in the fundamental mechanisms of aging. Fellows with at least three and not more than five years of prior postdoctoral training are eligible. Two-year fellowships of \$100,000 will be awarded.

DEADLINE: December 12, 2003

Glenn/AFAR Research Grant Program for Postdoctoral Fellows - grants of up to \$50,000 each will be available for post-doctoral fellows (M.D.'s and Ph.D.'s) who have had at least two and not more than five years of prior postdoctoral training at the time of the award. Fellows must complete the AFAR Research Grant application and will be evaluated based on the same criteria as well as their mentor's strength and proposed training opportunities.

DEADLINE: December 12, 2003

Glenn Foundation/AFAR Scholarships for Research in the Biology of Aging - this program was designed to attract potential scientists to aging research and provides M.D. and Ph.D. students the opportunity to conduct a three-month research project. Students will work in an area of biomedical research in aging under the auspices of a mentor. Scholarships are for \$6,000 each.

DEADLINE: February 26, 2004

AFAR CONTINUED.....

Merck/AFAR Research Scholarships in Geriatric Pharmacology for Medical and Pharmacy Students - this program was created to develop a corps of physicians and pharmacists with an understanding of medication use in the elderly. Medical and Pharm.D. students will have the opportunity to undertake a two- to three-month full time research project in geriatric pharmacology. Scholarships are for \$4,000 each.

DEADLINE: January 22, 2004

AFAR Medical Student Geriatric Scholars Program - to encourage medical students - particularly budding researchers - to consider a career in academic geriatrics, this program awards short-term scholarships through a national competition. Scholarships are for \$4,000 each.

DEADLINE: February 6, 2004

NATIONAL ALLIANCE FOR AUTISM RESEARCH

POSITION: Grants and Fellowships

DESCRIPTION: The National Alliance for Autism Research (NAAR) endeavors to stimulate, support and coordinate biomedical research into the causes, prevention, treatment and cure of the autism spectrum disorders. NAAR aims to support research in all areas which may advance its mission, including basic and applied research, both clinical and non-clinical in nature. Complete information regarding research supported by NAAR is available at <http://www.naar.org/research>. The following grants and fellowships are available:

Biomedical Research in Autism Spectrum Disorder Grants and Communication in Individuals with Autism Spectrum Disorders Grants - awards are for up to \$120,000 for up to two years. The only salary support allowable is for technical help specific to the project.

DEADLINES: Letter of Intent - November 24, 2003

Full Application - February 11, 2004

Predocctoral Fellowships - these awards are mentor based, which means that the application is submitted by the fellowship sponsor, rather than the prospective fellow. The Fellow must be an enrolled student in a program leading to a research doctorate, and must spend at least 80 percent of his/her time working on the project outlined in the application. Stipends range from \$18,000 to \$22,000, depending upon years of prior training. A \$5,000 research allowance is also provided.

Postdoctoral Fellowships - these awards are mentor based, which means that the application is submitted by the fellowship sponsor, rather than the prospective fellow. The Fellow must hold an M.D., Ph.D. or equivalent degree and must not simultaneously be serving an internship or residency. The Fellow must not hold a tenure track faculty appointment, must not have more than five years of post-doctoral experience and must spend at least 80 percent of his/her time working on the project outlined in the application. Stipends range from \$28,000 to \$53,000, depending upon the number of years of the fellow's relevant postdoctoral and/or clinical experience. A \$7,000 research allowance is also provided.

DEADLINES: Letter of Intent - November 12, 2003

Full Application - January 28, 2004

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

GRASS FOUNDATION

POSITION: Grass Fellowships in Neuroscience

DESCRIPTION: These fellowships are for individuals in the late predoctoral or early postdoctoral category who are academically prepared for independent research in neurophysiological investigation. Neurobiological approaches used to elucidate nervous system function may include electrophysiology, experimental neuroanatomy, neurochemistry, cellular neurobiology, developmental neurobiology, tissue culture and behavioral analysis. The fellowship provides funds to support for one summer an investigator and family at the Marine Biological Laboratory in Woods Hole, MA. Laboratory research space rental, housing and board are provided. The normal tenure is fourteen weeks and preference is given to those applicants that commit to the full 14-weeks. Additional information can be found at <http://www.grassfoundation.org>.

DEADLINE: December 15, 2003

MCNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

Complete information on the programs listed below can be found at:

<http://www.mcknight.org/neuroscience>.

POSITION: Technological Innovations in Neuroscience Awards

These awards support scientists working on new and unusual approaches to understanding brain function. The program seeks to advance and enlarge the range of technologies available to the neurosciences. It does not support research based primarily on existing techniques. 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. Collaborative and cross-disciplinary applications are invited. Awards are up to \$100,000 per year for up to two years.

DEADLINE: Letter of Intent - December 1, 2003

POSITION: Scholar Awards

These awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory. The awards support young scientists who hold an M.D. and/or Ph.D., who have completed formal postdoctoral training, and who demonstrate a commitment to neuroscience. The Fund especially seeks applicants working on problems that, if solved at the basic level, would have immediate and significant impact on clinically relevant issues. Awards are for \$75,000 per year for up to three years.

DEADLINE: January 2, 2003

NIA, NIAAA, NIAID, NIAMS, NIBIB, NCI, NICHD, NCCAM, NIDCD, NIDCR, NIDDK, NIDA, NIEHS, NEI, NIGMS, NHLBI, NHGRI, NIMH, NINDS, NLM, NCRR OFFICE OF RESEARCH ON WOMEN'S HEALTH, OFFICE OF DISEASE PREVENTION, OFFICE OF BEHAVIORAL AND SOCIAL SCIENCES RESEARCH, OFFICE OF RARE DISEASES, OFFICE OF DIETARY SUPPLEMENTS

POSITION: Support for Conferences and Scientific Meetings - PAR-03-176

DESCRIPTION: This Program Announcement provides updated guidelines for NIH support of scientific meetings. An NIH Conference Grant Website has been created to centralize information regarding grants for scientific meetings and conferences, <http://grants.nih.gov/grants/funding/r13/index.htm>. This site includes contact information for the participating NIH Institutes and Centers and Offices and links to detailed information regarding specific interests and funding parameters. A major revision made in this announcement is the requirement that applications for conference grant support present a letter from the appropriate NIH Institute/Center staff documenting advance permission to submit an R13 (NIH Conference Grant) or U13 (Cooperative Agreement) application. The complete PA can be found at: <http://grants2.nih.gov/grants/guide/pa-files/PA-03-176.html>.

DEADLINES: April 15, August 15 and December 15, annually.

NHLBI, OFFICE OF RARE DISEASES

POSITION: Exploratory and Developmental Research Grants for Investigations in Rare Diseases (R21) - PA-03-171

DESCRIPTION: The purpose of this announcement is to define the scope of exploratory and developmental grant applications to the NHLBI for support of investigators with novel approaches to understanding, treating, and preventing rare diseases in the areas of heart, lung and blood diseases as well as sleep disorders. Availability of R21 awards for these individuals is expected to allow investigators with novel ideas to obtain research support without the need for large amounts of preliminary data that often serves as a barrier to entry into the NIH grants system. The complete program announcement can be found at <http://grants2.nih.gov/grants/guide/pa-files/PA-03-171.html>.

DEADLINES: February 1, June 1 and October 1, 2004

NIAMS

POSITION: Small Grant Program for New Investigators - PAR-04-002

DESCRIPTION: The Institute is seeking small grant (R03) applications to stimulate and facilitate the entry of promising new investigators into areas of research and interest to the Institute. The focuses of the NIAMS are Rheumatic Diseases; Muscle Biology; Musculoskeletal Diseases and Skin Diseases - detailed information about scientific areas of interest can be found at <http://www.niams.nih.gov>. This PA will provide support for pilot research that is likely to lead to a subsequent individual research project grant (R01). The complete program announcement can be found at <http://grants.nih.gov/grants/guide/pa-files/PA-04-002.html>.

DEADLINES: February 24, June 24 and October 22, 2004.

Research Funding Opportunities

For all funding information contact Angela Horton, Office of Research, 62382, 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

REMINDER

"THREE DAY RULE" FOR APPLICATIONS

Applications must be submitted for review and institutional signature not less than three days prior to the agency deadline. For the upcoming **November 1** deadline, applications must have Controllers Office review of the budget and be submitted to the Office of Research by **October 28**.

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

PURSUIT STAFF

SHEILA VRANA, PH.D.

DAVID LYONS, PH.D.

AMY COMER

