

WAKE FOREST UNIVERSITY

SCHOOL OF MEDICINE
THE BOYMAN GRAY CAMPUS

OFFICE OF RESEARCH

<http://www.wfubmc.edu/or>

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FRIEDBERG CAMPUS 61573

PURSUIT

RESEARCH INFORMATION BULLETIN Vol. 18, No. 9, Nov/Dec 2004

CROSS-CAMPUS COLLABORATIVE RESEARCH SUPPORT FUND

The Collaborative Research Support Fund (CRSF) was established to stimulate creative pilot research projects between the School of Medicine and Reynolda Campus faculty. The goal of the CRSF is to assist faculty research pursuits and to generate extramural funding for both institutions. CRSF grant awards will be restricted to collaborative efforts between full-time, tenured or tenure-track 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 **February 11, 2005**.

FACULTY FOREIGN TRAVEL AWARDS

The Faculty Foreign Travel Awards Program will be held again this year. 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 primary consideration in their review. Awards are limited to one-half of allowable travel costs up 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 25, 2005**.



CONCERN LINES

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

REGULATORY COMMITTEE DEADLINES

ANIMAL CARE AND USE
COMMITTEE - JANUARY 7, 2005

INSTITUTIONAL REVIEW BOARD -
NOON - FRIDAYS

INTRAMURAL RESEARCH SUPPORT COMMITTEE DEADLINES

*REGULAR AND INTERIM -
JANUARY 14, 2005

* Clinical studies or other
research involving humans
are encouraged

RESEARCH SUPPORT CORE OFFERS NEW SERVICES

The Research Support Core (RSC), now based in the Office of Research, is designed to assist faculty in obtaining research funding. Assistance with applications can include:

- surveillance of funding sources
- advice on research questions, specific aims, study design, and methodology
- assembling pertinent information (e.g., facilities infrastructure boilerplate, letters of support)
- budget preparation (including justifications)
- editing the text for style, formatting, and strategic considerations

As part of the Core's institutional focus, new services are now available to the faculty:

“mini-study sections” for internal reviews

Provide focused feedback to Principal Investigators on how to interpret and respond to critiques

Coordinated responses to large, multi-departmental RFAs

Facilitate institutional response to these types of opportunities by gathering a team of faculty with pertinent expertise to assess the level of interest, likelihood of a competitive application, and synergies that can be brought to bear for an optimally responsive proposal.

Contact the Core at rscore@wfubmc.edu, and a Request for Assistance form will be sent to you for completion.

REVISED COVER SHEET FOR INTRAMURAL RESEARCH SUPPORT APPLICATIONS

Effective immediately, please use the most current version of the cover sheet when submitting an Intramural Research Support application. The revised version of this form is available at http://www.wfubmc.edu/or/comm_irsc.html.

ATTENTION FACULTY

MEDICAL STUDENT RESEARCH FELLOWSHIPS

Each year the Intramural Research Support Committee identifies research opportunities for medical students and coordinates the student research fellowship program. Fellowships may be awarded during the summer or for any consecutive 10 – 12 week period during the academic year when students have no other classroom or clinical duties. To obtain a research fellowship, the student must submit a fellowship application that will be evaluated on the potential quality of the research training experience. It is the student's responsibility to contact an interested faculty member and together plan a research program. With the faculty member's help, the student then prepares an application for the research fellowship. The faculty sponsor agrees to supervise the project and provide the necessary space, equipment, and mentoring. If you would like to sponsor a medical student fellow, please contact Angela Horton in the Office of Research at ahorton@wfubmc.edu by **January 3, 2005**. A list will be compiled and distributed to the medical students so that they will know what research opportunities are available.

UPDATE ON SIGNATURE PROCESS FOR CONTRACTS WITH INDUSTRY

Janice Grace, Director of Industry Relations, or Paula Means, Assistant Dean for Research, will act as signatory on behalf of the Institution for industry contracts. Examples of these contracts include confidentiality, material transfer and clinical trial agreements. In the event that these individuals are not available, other signatories will be utilized. If you have questions, please call Janice Grace at extension 6-9941

REMINDER

When routing a grant application to the Office of Research for institutional review and approval, please include the original PLUS one copy.

RESEARCH ADMINISTRATORS MEETINGS

JANUARY 13, 2005

FEBRUARY 10, 2005

MARCH 10, 2005

MEETINGS ARE HELD AT 10:00 AM IN THE NUTRITION RESEARCH CENTER CONFERENCE ROOM #3. PLEASE EMAIL AMY COMER IF YOU WOULD LIKE TO BE ADDED TO THIS EMAIL GROUP.

(ACOMER@WFUBMC.EDU)



DEAR DR. OR



Dear Dr. OR:

I am currently the recipient of a mentored K award and am about to start the fourth year of support on this grant. I have been informed by my mentor that a new NIH policy was recently released which allows mentored K recipients to seek concurrent support from a research grant in the last two years of the K grant.

Upon reviewing the NIH notice, it appears as though this new policy excludes current recipients of mentored K awards. The notice specifically states that implementation is effective for applications submitted after February 1, 2004. Would you please shed some light on this matter? My mentor and I are hopeful that I will be able to submit an R01 application for the next deadline.

Sincerely,
Eager K

Dear Eager K:

The notice; NOT-OD-04-007, can be a bit confusing at first glance. The notice reads, *Effective for competing applications submitted for February 1, 2004 and beyond, mentored career award recipients, in the last two years of career award support, are encouraged to obtain funding from NIH either as Principal Investigator on a competing research grant award or cooperative agreement, or as project leader on a competing multi-project award.* The competing application submitted on or after February 1, 2004, refers to research grants not new K applications.

So, the good news is that mentored K award recipients are eligible to seek concurrent support from a research grant in the last two years of their career award support. Best wishes in your pursuit of an R01.

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



NEW YEAR'S RESOLUTIONS FOR PROPOSAL WRITERS AND RESEARCHERS

Start the New Year right with these resolutions!

- 1.** I will contact the funding agency's program officer for advice before writing and submitting a proposal. If I'm unsure about this, I will call the Office of Research.
- 2.** I will follow the "THREE day rule" and submit my proposal to the Office of Research at least 3 days before it's due at the sponsor.
- 3.** I will read my proposal to see if there are any misspelled words that my spell checker didn't catch.
- 4.** I will have a second pair of eyes look at my proposal - perhaps a colleague, chair, or mentor.
- 5.** If my proposal sponsor requires electronic submission, I will work with the Office of Research well ahead of the deadline to ensure that the process goes smoothly.
- 6.** I will thoroughly read proposal guidelines issued by the sponsor and will familiarize myself with things like page limits, fonts, margins, and all the other niceties that will help me get my proposal written well before deadline.
- 7.** I will submit agency reports on time for my funded grants, so that my program, my fellow researchers, and my institution are not jeopardized by my actions.
- 8.** I will make use of our Community of Science subscription to get funding opportunities, sent to me directly via email.



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*

WELCOME!

Please join the Women's Health Center of Excellence (WHCoE) in welcoming Mary Lou Voytko, Ph.D. as the new Director. Dr. Voytko is Associate Professor in the Department of Neurobiology and Anatomy with a joint appointment in the Department of Pathology. An expert on cognition and estrogen, cognitive aging, and menopause, she is widely published and has served on NIH advisory boards and on the Board of Directors of the American Aging Association. **Candice Fike, M.D., Associate Professor in the Department of Pediatrics has agreed to serve as Director of the WHCoE Leadership Program, and Ann Lambros, Ph.D., Assistant Professor in Academic Affairs with a joint appointment in the Department of Public Health Sciences, Section on Social Sciences and Health Policy will serve as Director of the WHCoE Education Program.**

BREASTFEEDING AWARENESS

While many Americans know that the best form of nutrition for babies is breastmilk, our nation has one of the lowest breastfeeding rates in the developed world. Recent studies show that babies who are breastfed are less likely to develop ear infections, respiratory illness, and diarrhea. That is why the U.S. Department of Health and Human Services and Ad Council have teamed up to develop a national breastfeeding awareness campaign. All of the ads drive home the message: "Babies were born to be breastfed." The PSAs are targeted for the general market with a strong focus toward the African American community, as rates of breastfeeding are lowest among this population. The public is asked to visit www.4woman.gov or call (800) 994-WOMAN to speak with trained Information Specialists who can help with breastfeeding issues.



FROM THE
OFFICE OF RESEARCH

CONTROLLER'S CORNER - GRANTS MANAGEMENT

Expending Sponsored Funds:

Proper allocation of funds is the responsibility of everyone purchasing items or services for WFUHS. The Controller's Office will enforce proper allocation but we need your help by correctly coding the account number (the first 6 digits of the chartfield); but also charging to the correct project. Please remember all sponsored projects are governed by sponsor rules and regulations in addition to the federal rules and school policies.

The following are things you can do to help facilitate the processing of expenses:

- Make sure to use the most current project number
- Update project numbers with service departments
- Use the proper coding, everything can't be miscellaneous lab supplies (418207)
- Verify that expenses are allowable for the project you are charging them to (ex. general office supplies are only allowed if projects require extraordinary amounts of supplies for specific purposes; local telephone charges are generally not allowed; holiday gifts are not allowable charges for sponsored programs)
- Be careful purchasing food for meetings (food is typically not allowed on federally sponsored projects except in very specific circumstances)
- Allocate general supplies to all the projects that benefit from them
- Please make sure to fill in the expense account section on your RFP (request for payments) or TA (travel authorizations)

Effort Certification:

As promised, monthly paid effort certifications for the first 6 months of fiscal year 2005 will be available on line in January ... watch for more information on how to use this new certification system.

We run into many problems when effort is certified then a retro request comes in which contradicts what has been certified. If you have questions about this please call your grant accountant or Meredith Rentz prior to certifying your effort.

Proposal Budget Reviews:

Please remember that we try our best to review proposal budgets as quickly as possible, however it may take longer than 1 day to complete a review due to competing priorities and during major deadlines. Please indicate the due date on your proposals so we can ensure everyone is served in a timely manner. The best way to ensure a quick review is to email us the route slip, face page, budget pages, budget justifications, any consortium budgets and justifications, and checklists. Also please include your internal detailed budget to the Controller's Office and in your packet to the Office of Research for all modular proposals. Please review carefully and send us the final version. Also, note that NIH has revised their forms which include new rules for calculating F&A on subcontracts.

Grant Techs Responsibilities Redistributed

Please see the insert in this month's issue of Pursuit for an updated list of all the grant techs and the departments they are responsible for.

NEWS FROM NIH

REVISED NIH FORMS NOW AVAILABLE

NIH has announced that revised PHS 398, PHS 2590, PHS 2271, PHS 3734 and HHS 568 forms (9/2004 version) are now available for use. The newly revised instructions and forms are available through the Office of Research website form page at http://www.wfubmc.edu/or/aa_forms.html or at <http://grants.nih.gov/grants/forms.htm>. Instructions have been rewritten with a focus on clarity and special emphasis on simplicity and plain language. Applicants should read the instructions carefully. The revised forms will be accepted for submission/receipt dates on or after December 1, 2005 and will be mandatory for all applications received on or after May 10, 2005. Applications submitted after this date using any forms other than the (rev 9/2004) version will be returned to the applicant. The Office of Research encourages faculty to use the new forms as soon as possible, but their usage will not be mandatory until May 10, 2005.

NIH

REVISED POLICY - APPLICATIONS THE INCLUDE CONSORTIUM/CONTRACTUAL FACILITIES AND ADMINISTRATIVE COSTS

This revised policy broadens the scope of the policy change to apply to all applications involving consortium/contractual facilities and administrative (F&A) costs, regardless of amount of budget or budget format (e.g., modular and non-modular). This change is effective for applications that have submission/receipt dates on or after December 1, 2004. This policy is particularly relevant to all applications that include a limitation on direct costs. While consortium F&A costs will continue to be requested and awarded, applicants will now separate these costs when determining if a budget exceeds a direct cost limit. This policy impacts eligibility to submit a modular budget. The consortium/contractual F&A costs are no longer factored into the direct cost limit, they may be requested in addition to the \$250,000 limit. The policy also impacts applications requesting a budget of \$500,000 direct costs or more for any year. These applications continue to require prior approval from Institute/Center staff; however this limit is now exclusive of any consortium F&A costs. To minimize confusion in budget preparation, the revised PHS 398 (9/2004 version) includes detailed instructions for applicants to appropriately apply this policy change. The revised forms are available on the Office of Research website's form page (http://www.wfubmc.edu/or/aa_forms.html).

NCI

Activities to Promote Research Collaborations - NOT-CA-05-005

The Division of Cancer Biology (DCB) of the National Cancer Institute announces its intent to provide funds to supplement existing DCB-supported research project in FY05 to support and encourage scientific collaboration among DCB grantees, as well as with other members of the scientific community. This initiative can support collaborative activities that bring together ideas and approaches from disparate scientific disciplines, including those not currently supported by DCB. Examples of collaborative activities include, but are not limited to, initiating new collaborative research projects, sharing resources and reagents, developing novel technologies, and organizing cross-disciplinary meeting/workshops. It is essential, however, that proposed activities be within the overall scope of the active parent award and that the collaborative activity is new. A full description of this program and the FY05 guidelines can be found at <http://dcb.nci.nih.gov/APRC2005.crm>.

Research Funding Opportunities

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

RETT SYNDROME RESEARCH FOUNDATION

POSITION: Research Grants and Postdoctoral Fellowships

DESCRIPTION: The Foundation announces the availability of research grants and post-doctoral fellowships for international biomedical research for the treatment and cure of Rett Syndrome (RTT). Research that encompasses innovative approaches and techniques that will lead to NIH and other funding is encouraged. Teams working together from different disciplines, institutions as well as industry are encouraged to apply. Grants are for up to \$50,000 per year for up to two years. There is no salary support for the PI provided. Postdoctoral fellowships are for \$50,000 per year (\$40,000 salary support plus \$10,000 of expendables) for up to two years and are designed to assist promising postdoctoral students establish careers in fields relevant to RTT research. A letter of intent is required before an application can be submitted. Additional information is available at <http://www.rsrf.org>.

DESCRIPTION: Letter of Intent - January 31, 2005

THE UNITED STATES PHARMACOPEIA (USP)

POSITION: Internships and Fellowships

DESCRIPTION: The USP is now seeking candidates for its 2005 internship and fellowship programs. USP's internship and fellowship programs provide students in the health field with the opportunity to conduct research and work in support of USP's initiatives to advance public health. USP's Fellowship Program supports research in the areas of drug standards and their use. Six awardees will be granted \$20,000 each towards work in this area. The one-year fellowship will commence in May 2005. Research areas include: chemical analysis of botanical dietary supplements; biotechnology-based molecule characterization; powder characterization, water adsorption/desorption; biopharmaceutical quality; pharmacy compounding; development of stability-indicated procedures for compounded preparations; drug utilization review; and veterinary medicine. USP's Summer Internship Program offers six students the opportunity to complete projects in support of USP's public health initiatives in the areas of patient safety; standards and information development; global assistance; and reference standards operations. The 12-week internships will begin on May 16, 2005, and end on Aug. 5, 2005. A stipend of \$8,500 will be granted for each internship. Project activities include: assisting with international drug quality assurance and developing and disseminating drug information; researching stability profiles for bulk materials; proposing standards, recommendations, and guidelines for the safety and quality of patient care; developing formulas for compounded preparations; and evaluating the safety of dietary supplements. For more information on these programs, please send an e-mail to Clydewyn M. Anthony, Ph.D., at cma@usp.org

DESCRIPTION: December 31, 2004

AMERICAN LUNG ASSOCIATION/LUNGEVITY FOUNDATION

POSITION: Lung Cancer Discovery Award

DESCRIPTION: The ALA and the Foundation are proud to announce a new award. The Lung Cancer Discovery Award was created through a partnership between the ALA and the LUNGeVity Foundation. This award will provide funding for investigators seeking to develop novel medical treatments or a cure for lung cancer. Awards are for up to \$100,000 per year for up to two years. More information can be found at <http://www.lungusa.org>.

DEADLINE: March 1, 2005

DEPARTMENT OF DEFENSE

POSITION: Prostate Cancer Research Program

New Investigator Award – these awards are intended for independent investigators within 6 years of their last fellowship or postdoctoral position with access to appropriate research facilities. Requires a collaborator with experience in prostate cancer research. Applicant should have not had a previous non-mentored award in excess of \$100,000 from extramural sources. The emphasis of this award is on innovative ideas and technology. Preliminary data is not required. Awards are for up to \$225,000 for up to 3 years.

Idea Development Award – these awards are intended for independent investigators at the the level of Assistant Professor or equivalent or above. Established investigators in prostate cancer research or in other fields who want to pursue prostate cancer research are eligible. The emphasis of this award is on innovative ideas and technology. Preliminary data is not required. Awards are being sought from across all areas of laboratory, clinical, behavioral, and epidemiological research, including clinical trials. Awards are for up to \$375,000 for up to 3 years.

Postdoctoral Traineeship Award – these awards are intended for Ph.D.s with 3 years or less postdoctoral training or M.D.'s with at least 2 years of residency training remaining at the time of submission, and train graduates in prostate cancer research. Preliminary data is not required. Awards are for \$125,000(Ph.D.) or \$150,000 (M.D.) for up to two years.

Exploration, Hypothesis Development Award - these awards are for investigators at any level of experience and supports initial exploration of innovative, untested, potentially groundbreaking concepts in prostate cancer. No preliminary data is required or expected. Work must be exempt or expedited for human subject or specimens use. Awards are for up to \$75,000 for up to 18 months.

DEADLINE: February 8, 2005. Electronic submission is required

Health Disparity Training, Prostate Scholar Award – these awards are intended for predoctoral, postdoctoral and postresidency applicants and provides training opportunities to focus on the disparate burden of prostate cancer in African Americans. Awards are for \$90,000, Predoctoral; \$187,500, Postdoctoral; and \$300,000 for Postresidency Traineeships for up to 3 years.

Health Disparity Research, Prostate Scholar Award – these awards are intended for investigators at the Assistant Professor level or equivalent and supports researchers to focus on the disparate burden of prostate cancer in African Americans. Awards are for up to \$300,000 for up to 3 years.

DEADLINE: June 7, 2005. Electronic submission is required

The complete program announcement for any of the programs listed can be viewed at <http://cdmrp.army.mil/funding/05pcrp.htm>.

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

THE ALCOHOLIC BEVERAGE MEDICAL RESEARCH FOUNDATION (ABMRF)

POSITION: Research Grants

DESCRIPTION: The Foundation is accepting applications for grants to conduct research on the biomedical, biobehavioral and psychosocial aspects of alcohol consumption and its effects. Highest funding priority is given to young investigators, new to the field or trained in the field, to start a new line of independent research. The next level of priority is to investigators outside alcohol research bringing an innovative idea to the field. Lowest priority is given to established investigators in the alcohol research field unless the application offers an extraordinary new idea. Awards are for \$50,000 per year for up to two years. Additional information about the grant program can be found at <http://www.abmrf.org>.

DEADLINE: February 1, 2005

AMERICAN HEART ASSOCIATION - MID-ATLANTIC AFFILIATE

POSITION: Research Grants and Fellowships

Predoctoral Fellowship - the objective of this award is to help Ph.D. or M.D. students initiate careers in cardiovascular or stroke research by providing research assistance and training. Awards are for \$20,000 per year for up to two years.

Postdoctoral Fellowship - the objective of this award is to help trainees initiate careers in cardiovascular or stroke research while obtaining significant research results. These awards support individuals before they are ready for fully independent research. Applicants must have an M.D., Ph.D., or equivalent at time of award activation. Awards are for \$35,000 per year for up to two years.

Beginning Grant-in-Aid - the objective of this award is to promote the independent status of promising scientists initiating independent research careers. Applicants must have an M.D., Ph.D. or equivalent and not have faculty rank higher than Assistant Professor. Awards are for \$60,000 per year for up to two years.

Grant-in-Aid - the objective of this award is to encourage the most innovative and meritorious research projects from independent investigators; eligibility is not restricted by seniority or academic rank. Awards are for \$60,000 per year for up to two years.

More information is available at <http://www.americanheart.org/presenter.jhtml?identifier=3095>

DEADLINE: January 13, 2005. Electronic submission is required.

NIH

POSITION: Research Supplements to Promote Diversity in Health-Related Research - PA-05-015

DESCRIPTION: Funds are available for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, postdoctorates, and eligible investigators from groups that have shown to be underrepresented. The supplements must support work within the scope of the original project. All NIH awarding components participate in this program. Candidates eligible for support under this supplement program include individuals at various career levels who come from groups that have been shown to be underrepresented in science. Such candidates include individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds. The full program announcement is available at <http://grants1.nih.gov/grants/guide/pa-files/PA-05-015.html>.

DEADLINE: Open

NIGMS, NHLBI, NICHD, NIDDK, NIDCD, NIEHS

POSITION: Fellowships for Human Embryonic Stem Cell Research - PA-05-013

DESCRIPTION: The purpose of the PA is to increase the numbers of biomedical scientists who are pursuing research involving human embryonic stem cells (HESC). The recent availability of HESC for federally funded research affords a unique opportunity for investigators to use these cells to address research questions of interest to the mission of the NIH. Although HESCs have great potential to yield important information on the fundamental properties of cells and disease processes, remarkably little is known about the properties of HESC that distinguish them from more differentiated cells. Furthermore, very few scientists have had the opportunity to be trained in their use, or to explore the questions that can be addressed to advantage, using HESC. Consequently, only a few post-doctoral fellows and established investigators are currently engaged in HESC research, and more investigators must be trained to accelerate the pace of HESC research. This announcement specifically aims to encourage applications for F32 individual postdoctoral fellowships from promising candidates with the potential to become productive, independent investigators in HESC-related research. It also aims to encourage applications for F33 senior fellowships from experienced scientists who wish to make major changes in the direction of their research or who wish to broaden their scientific background by acquiring new capabilities in HESC research. Only the HESC lines listed in the NIH Human Embryonic Stem Cell Registry (<http://stemcells.nih.gov/registry>) may be used for research training activities. The complete PA can be found at <http://grants2.nih.gov/grants/guide/pa-files/PA-05-013.html>.

DEADLINES: April 5, August 5 and December 5, 2005

Research Funding Opportunities

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

GRANT AND CONTRACT PROPOSAL WATCH

	Fiscal Year 05 July - Sept	Fiscal Year 04 July - Sept	% Change
Proposals Submitted	232	203	14.3%
Dollars Requested	\$123,452,759	\$157,566,546	(21.7%)

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.

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

NIHES - 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

AMY COMER

KIM VARGAS

PAULA MEANS

