

PURSUIT

Office of Research

ADMINISTRATION 64548

ANIMAL CARE AND USE
COMMITTEE (ACUC) 63532

CONFLICT OF INTEREST
COMMITTEE 62382

GRANTS ADMINISTRATION
62382

INDUSTRY RELATIONS 69359

INSTITUTIONAL REVIEW BOARD
(IRB) 64542

INTRAMURAL RESEARCH
SUPPORT COMMITTEE (IRSC)
60780

MONITORING AND OVERSIGHT
64548

RESEARCH SUPPORT CORE
RSCORE@WFUBMC.EDU

ANIMAL RESOURCES PROGRAM

BOWMAN GRAY CAMPUS
37394

FRIEDBERG CAMPUS 61620

DOWNTOWN CAMPUS 31171

ENVIRONMENTAL HEALTH AND
SAFETY 69375

Research Retreat Update is July 22

Come to a Town Hall meeting to review progress on the issues identified as important to research at the October 22, 2006, Research Faculty Retreat. At the retreat, over 165 faculty helped to create a prioritized list of recommendations for the research community. We have made much progress on every issue. Leadership from Administration, the Research Advisory Committee, the Office of Research, and the Graduate School will update the status of the recommendations and answer any questions.

Date: July 22, 2008 at 5 p.m.

Location: Commons Conference Rooms 1, 2, 3 in the Nutrition Building

Institutional DSMB Now Available

WFUHS now has an Institutional Data & Safety Monitoring Board (I-DSMB), which is available at no cost for oversight of appropriate WFUHS investigator-initiated, locally conducted (single- or multi-site) clinical trials with NIH, departmental, or other support. The I-DSMB could also be the primary independent monitoring body for some industry-sponsored trials (a fee may be involved). Clinical studies

originating at institutional affiliates of WFUHS (WFU Reynolda campus, TSI affiliates) could also use the WFUHS I-DSMB. Studies may be referred to the I-DSMB by the Institutional Review Board to oversee the safety of human subjects or by the Conflict of Interest in Research Committee to manage personal financial COI I-DSMB members include Drs. Curt

Furberg (Chair), Kevin High (Vice-chair), Walter, Ambrosius, Kathryn Bender, David Bowton, Paul Laurienti, Nancy King, Shannon Mihalko, Sally Shumaker, Richard Weinberg and Ms. Paula Means and Susan Margitić. Contact Susan Margitić, I-DSMB Director at smargiti@wfubmc.edu or 6-5647 for more information about the I-DSMB. Also, look for I-DSMB on the Office of Research web site.

Design and Analysis Unit Grant Planning Sessions

The Design and Analysis Unit (DAU), part of the Research Support Core in the Office of Research, will hold Statistics Planning Sessions for Grant Applications on **July 22, Wachovia 23, Room 2314, and July 23, OR Conference Room, from 2-4 p.m.** on both days. Drs. Walter Ambrosius, Iris Leng, and Mr. Greg Russell from the Department of Bio-statistical Sciences will be available to answer your questions. These sessions are targeted at faculty intending to serve as the lead PI's along with their research teams who anticipate submitting grants for the October and November deadlines. During the consulting session, we will discuss your proposed research

designs and questions about statistical issues. A plan will then be developed to create the best possible grant submission. Our hope is that by having these meetings many months prior to grant deadlines, we will encourage potential PIs to seek out bio-statistical support early in the process of grant development. It also allows the DAU to assist more investigators by distributing the workload throughout the year rather than having it being concentrated around deadlines. To set up an appointment, please contact Melanie Franks at 713-0266, mfranks@wfubmc.edu. To learn more, visit http://www.phs.wfubmc.edu/public_bios/DAU_FAQs.pdf.

In The Spotlight

Lynne E. Wagenknecht, Dr.P.H., Professor of Public Health Sciences and Associate Director of the Division of Public Health Sciences, has been selected for the 2008-09 Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program for Women. She is one of 48 senior women faculty in the U.S. who will be an ELAM Fellow. The ELAM curriculum incorporates traditional MBA training and activities to enhance personal and professional development.



Thomas D. DuBose, Jr., M.D., Tinsley R. Harrison Professor and Chair of Internal Medicine, was recently awarded mastership by the Board of Regents on recommendation by the American College of Physicians (ACP). Masters are a highly select group of ACP Fellows who have achieved a high level of recognition in medical science or the medical profession.



A consortium spearheaded by the Wake Forest Institute for Regenerative Medicine (Director, **Anthony Atala**, M.D.) was awarded \$42.5 million to co-lead one of two academic groups that will form the Armed Forces Institute of Regenerative Medicine (AFIRM). The Wake Forest-led collaboration is headed by Dr. Atala, and Alan J. Russell, Ph.D., director of the McGowan Institute for Regenerative Medicine at the University of Pittsburgh. The project team will focus on burn repair; wound healing without scarring; craniofacial reconstruction; limb reconstruction, regeneration, or transplantation; and compartment syndrome.



ANIMAL RESOURCES PROGRAM

Please visit our new internal website! We welcome comments and suggestions.

<http://infinet.wfubmc.edu/depts/arp/>



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CONCERN LINES

WFUBMC Compliance Hotline Confidential and Anonymous
1-877-880-7888 or www.tnvinc.com/reportline/international
24 hours a day 7 days a week

ANIMAL CARE AND USE COMMITTEE DEADLINES

August 1, 2008, September 5, 2008, October 3, 2008, November 7, 2008, December 5, 2008, January 2, 2009, February 6, 2009, March 6, 2009, April 3, 2009, May 1, 2009, June 5, 2009

INSTITUTIONAL REVIEW BOARD DEADLINES NOON ON FRIDAYS

INTRAMURAL RESEARCH SUPPORT COMMITTEE DEADLINES

AUGUST 15, 2008 (R) (I)
DECEMBER 15, 2008 (R) (I)
FEBRUARY 27, 2009 (M) (F)
MARCH 6, 2009 (C)
APRIL 15, 2009 (R) (I)

CONFLICT OF INTEREST REVIEW COMMITTEE DEADLINES

MANAGEMENT PLANS
2ND MONDAY OF EACH MONTH

CIRC MEETINGS
4TH WEDNESDAY OF EACH MONTH

RESEARCH ADMINISTRATORS SESSIONS

ALL SESSIONS ARE HELD THE 2ND THURSDAY OF THE MONTH AT 10:00 AM IN COMMONS CONFERENCE ROOMS 2&3.

PLEASE E-MAIL AMY COMER (ACOMER@WFUBMC.EDU) TO BE ADDED TO THE EMAIL LIST.

September 11, October 9, November 13, December 11, 2008

May 2008 IRSC Awardees

Joseph G. Grzywacz, PhD
Department of Family and
Community Medicine

“Work, Family & Health: An Evaluation of Diurnal Cortisol Patterns”

Thomas Hollis, PhD
Department of Biochemistry

“Protein Complexes in Nucleic Acid Degradation”

Islam Khan, PhD
Department of Rheumatology

“Protein Kinase A-Mediated Regulation of SLE T Cells”

John G. McHaffie, PhD
Department of Neurobiology &
Anatomy

“Cross-Modal Rehabilitation of Visual Hemineglect”

Thomas J. Perrault, Jr., PhD
Department of Neurobiology &
Anatomy

“Cochlear Implants: Integrating Prosthetic-Derived and Natural Sensory Stimuli”

David R. Riddle, PhD
Department of Neurobiology &
Anatomy

“Focal Irradiation of the Adult Rodent Hippocampus: In-Field and Out-of-Field Effects”

Paula M. Sisk, PhD
Department of Pediatrics

“Increasing Human Milk for Premature Infants: Engaging Maternal Participation to Guide the Direction of Future Research”

Mary Sorci-Thomas, PhD.
Department of Pathology/Lipid
Sciences

“Structural Relationship Between ApoA-I Confirmation and the Extent of Particle Lipidation”

Raghunatha Yammani, PhD
Department of Internal Med/
Molecular Medicine

“Role of Nuclear S100A4 in Chondrocytes”

Changes in the Office of Research

The Office of Research is pleased to announce the appointment of **Theresa L. Sears, M.A.** to the position of Associate Director of Grants Administration. Theresa has a Bachelor of Science degree in Office Administration from Western Kentucky University, a Master of Arts degree from East Tennessee State University and 23 years of experience in management and supervision.

Theresa most recently worked at the University of Louisville, Health Sciences Campus, where she was responsible for the management and oversight of pre-award sponsored research operations including supervision and training of grants management staff. Prior to her work in research administration, Theresa worked for 14 years as an Assistant Vice President at First National Bank & Trust Company in Corbin, Kentucky.

For nearly 20 years, **Beverly Greenwood** served as the primary contact for the IACUC. Beverly officially retired May 30th. She is missed and we wish her all the best.

On June 1st, **MJ Busa** took on the role of Protocol Analyst for the IACUC. Ms. Busa was Administrative Secretary to Dr. Thomas Clarkson for the past 12 years and has assisted Dr. Jan Wagner for the past 3 years as well. In addition to administrative skills, Ms. Busa brings 4 years of laboratory experience to this position.

Please welcome MJ to her new post and send all new protocols and amendments to her at mjbusa@wfubmc.edu.

Ryan Favreau was promoted to Senior Grants/Contracts Administrator and Electronic Research Administration Specialist. Ryan has been integral in the implementation, management, and maintenance of the InfoEd Grants Management System (electronic grant-submission system), including coordination, review, preparation, and submission of proposals to external funding agencies. Ryan has assisted faculty, staff and administrators in administering grants and contracts through the InfoEd system.

Ryan will continue to serve as liaison to funding agencies to ensure institutional compliance with terms and conditions of grants and contracts. He will also continue his duties as a Senior Grants/Contracts Administrator, supporting WFUHS faculty and staff in the submission of administratively compliant research proposals.

Info Ed News



With this issue, we introduce a new column that aims to provide information on updates, upgrades, and enhancements to the InfoEd system.

Two environments are currently available, Test and Production. Grants Administration recommends everyone involved in preparing grant proposals attend a training session, where hands-on training is provided in the test environment, prior to accessing the production site. Please check the Educational Outreach page on our web site for training opportunities (and also see page 9 of this issue.)

In addition, Grants Administration has prepared reference materials for proposal development that can be accessed from the InfoEd section of the Office of Research web site.

NIH transition to electronic proposal receipt continues to progress. With the change in form sets from PureEdge to Adobe, WFUHS made mandatory the use of the InfoEd system for all NIH proposals, whose mechanisms have gone electronic, for the June 2008 deadlines. The number of applications submitted via InfoEd to NIH for the June 5th and 16th deadlines totaled 41.

To date, the numbers for July look to be on pace to match those submitted for the June deadlines. As more federal agencies are added to the system for submission, we cannot stress enough the importance of having the entire application available for review and submission by the mandated 5-day internal review deadline.

Please stay tuned for additional updates on InfoEd. Updates will be provided via this column, JIT News and our monthly Research Administrator Sessions. Contact your Grants Administrator in the Office of Research with any questions.

Faculty Database Available Soon

In a complex and busy medical school, it is often challenging to find out where clinical or research expertise resides. To facilitate this, and to promote a culture of collaboration, a faculty database system has been developed that will provide a central repository of faculty demographic information, professional credentials, research interest, clinical interest, publications, grants proposals and awards.

By providing a sophisticated search tool, this system will facilitate collaborative efforts among faculty. This database will also improve the way physician referral information is fed into the online Physician Referral Directory, making it more specific, complete and current.

PeopleSoft is the core system by which the information will be entered into and retrieved from the database. Faculty members will have a great deal of control over what is stored in the system. The faculty verification process is currently being implemented in individual departments. The roll-out of the verification portion will be completed over the next 3 months. The faculty search tool will then be made available to employees of the Medical Center.

Training will be provided to faculty and support staff as the project rolls out over the next few months.

Controller's Corner

We would like to welcome Richard Wagner to our team. Richard will be assisting Internal Medicine, which will leave one open grant accountant position. We hope to be fully staffed soon, and would like to thank everyone for their patience. Please remember that June- August is an extremely busy time in the Controller's Office due to year-end processes, as well as having 2 new staff members to train.

Stipends

Graduate students on training grants, either institutional (T- awards) or individual (F-awards), are paid a stipend. They are not considered employees of WFUHS.

A stipend is to help support them during their training period and is inclusive of living expenses; therefore, you cannot request a stipend and additional housing costs for them. Graduate students on research grants are considered employees of WFUHS. Therefore, they cannot receive housing allowances, since that would mean we were treating them differently from other employees. Please note that there are separate accounting codes for stipends (412001) and payroll (410004) as well as the fringe benefits that correspond with each (413002 and 411004). Please remember, the merit process takes a significant amount of time

and, when coupled with our year-close schedule, we will need your assistance with the timely and accurate completion, as well as your continued patience.

HR Process

Just a reminder, we cannot approve HR actions on grants that have already ended or will be ending 6/30/08. As merit increases are entered, we must confirm that the grant has not ended and therefore cannot allow HR to continue to post on expired projects. Please consult the Controller's Office web site for assistance on the following: ([New pre-award accounts](#); [Sub-award continuation pre-award accounts](#)).

Grant Award Process and Account Setup

WHAT HAPPENS WHEN AN AWARD IS RECEIVED?

The Office of Research (OR) receives a Notice of Award from the sponsor via e-mail, fax or mail. The business official forwards the award letter to the PI, departmental business manager, and the Controller's Office (CO). If the awarded amount differs from the requested amount, the grant administrator in the OR requests a revised budget from the PI. Once the budget is received, the OR forwards the revised budget to the CO for account set-up.

To avoid delays in receiving an account:

- Be sure you've routed a proposal through the OR.
- If you receive the award notice from the sponsor, forward it to the OR for processing

BE SURE TO SUBMIT REVISED BUDGETS THAT MATCH THE AWARD NOTICE TO THE OR IN A TIMELY FASHION.

WHERE DO I GO FOR HELP?

It depends on the activity. The OR handles all pre-award and some non-financial post-award activities while the CO handles some non-financial post-award activities and all financial post-award activities. While the two offices work closely together to ensure that appropriate and accurate fiscal information is provided on agency requests, use the table below as a guide.

Office of Research (Grants Administration)	Controller's Office (Grants Management)
<ul style="list-style-type: none"> • Proposal and budget review • Online submission of proposals • Requests from sponsors regarding pending and awarded projects • Negotiation, execution of contracts (money coming in) • Receipt and processing of the Notice of Award • No-cost extensions on grants and contracts • Review and approval of prior approval requests/ notification, i.e., carry forward of funds, change of PI or scope, and re-budgeting • Sign-off for relinquishing documents, grant transfers, and NIH Final Invention Statements • Review and approval of pre-award account requests 	<ul style="list-style-type: none"> • Set up of pre-award accounts • Set up of awarded accounts • Processing of Prior Approval Requests approved by the OR • Day-to-day monitoring of expenditure activity on sponsored projects • Financial Status Reports • Sign-off for relinquishing documents and grant transfers • Invoicing • Negotiation, execution of subcontracts (money going out)

For a list of FAQ's, please refer to the following website: <http://www1.wfubmc.edu/NR/ronlyres/DE47C7DD-6EB8-4B34-ADCF-FE9F4E6E7FBF/0/awardprocessandaccountsetup53008.doc>

Dear Dr. OR



Dear Dr. OR:

Why do I need to complete the annual disclosure for Conflict of Interest each July? Every time I complete a route-form for a contract or grant and every time I complete a human and/or animal protocol, I disclose this information – isn't that enough?

Signed,
Once is Enough

Dear Once:

The annual disclosure includes questions regarding (1) financial conflicts of interest that are collected to ensure compliance with federal regulations and guidelines, and (2) questions regarding conflicts of commitment that are collected to ensure compliance with WFUHS policy. The annual disclosures are routed to the individual's department chair, section head or supervisor for approval. To identify research-specific conflicts of interest, questions must be answered on the routing documents when grant/contract proposals and human/animal protocols are submitted to the Office of Research. The answers to these questions help WFUHS determine if further action is needed to maintain compliance with federal regulations and guidelines. School officials cannot provide approval of grants, contracts, or regulatory protocols until all participating investigators complete their annual disclosures through the online process. These must be completed even if there is nothing to disclose. The annual disclosure process begins July 1st. For additional information about financial conflicts of interest and conflict of commitment, see the Office of Research web site at: <http://www1.wfubmc.edu/OR/Conflict+of+Interest/>, or contact Teresa Anderson, Assistant Director, Conflict of Interest at 3-2990.

Dear Dr. OR,

I am a new faculty member and am getting a bit confused about when we need to submit proposals for review. I understand there are different deadlines, depending on whether the proposal is submitted electronically or in hard copy. That doesn't make sense to me, since for the electronic ones, your office just hits "send", right? Can you help me navigate this system and meet my deadlines?

Signed,
Wants to Do The Right Thing

Dear Wants,

There have been a lot of changes in the grant-submission processes in the last few years. Your question is a perfect reminder that our jobs are much easier if the PI asks us for clarification first, whenever he or she is unsure what to do.

We can simplify the deadline situation for you in two words: **five days**. We need your final version of the application, with a complete budget, research plan, and route form signed by all parties, five days before the deadline. Obviously, the procedure is a little different between electronic and hard copies, but the same concepts apply. See the detailed instructions on our web site to guide you through the steps: <http://www1.wfubmc.edu/or/>.

We appreciate the chance to describe the critical role of Grants Administration when an application is electronically submitted. As you can imagine, there are many steps involved in reviewing a proposal on paper; these are increased when our staff also needs to check that the electronic versions are still accurate, correctly uploaded, and meet the sponsors' rules. We also need to allow time for the occasional, but inevitable, glitches in the software submission packages. Like any other systems, these grant-submission engines slow down when they are extremely busy at peak times (close to the deadline). If parts of a proposal are not compliant – for example, if a section is too long or missing altogether – the system will reject the proposal and it will not be submitted. Making sure any errors are swiftly addressed so that your application gets where it should, on time, is a key role of our staff. So meeting our timetable will make it more likely that all your hard work will pay off.

We encourage everyone to attend our InfoEd training sessions. These are hands-on classes, where you prepare a mock proposal and see how the system works in a step-by-step fashion. See page 9 for a list of upcoming training sessions and how to reserve your place (space is limited, so registration is required).

WFU Translational Science Institute

TSI Awards Three New Pilot Grants

The Translational Science Institute (TSI) has awarded three new Team Research pilot grants. Two grants of \$125,000 each were awarded to further develop a team-based, translational idea. One grant of \$50,000 was awarded to a new team to help them get established as a working group and to gather pilot data.

The projects funded by the larger Team Science awards are:

Early Changes in Amyotrophic Lateral Sclerosis (ALS)

- Carol Milligan, PhD, Neurobiology and Anatomy
- James Caress, MD, Neurology
- Michael Cartwright, MD, Neurology
- Osvaldo Delbono, MD, PhD, Internal Medicine-Gerontology
- Donald Gage, PhD, Radiation Biology
- Ronald Oppenheim, PhD, Neurobiology and Anatomy
- Tom Smith, PhD, Surgery-Orthopaedics

Translational Breast Cancer Metabolomics

- Vladimir Shulaev, PhD, Virginia Tech
- Reinhard Laubenbacher, PhD, Virginia Tech
- Steve Akman, MD, Cancer Biology
- Mara Vitolins, DrPH, PHS and Epidemiology

The Team Development award winner is:

A Systems Approach to the Discovery of Novel Targets and Biomarkers in Osteoarthritis

- Richard Loeser, MD, Molecular Medicine
- Jacquelyn Fetrow, PhD, Computer Science
- Cristin Ferguson, MD, Surgery-Orthopaedics
- Iris Leng, PhD, PHS-Biostatistical Sciences
- Cathy Carlson, DVM, PhD, University of Minnesota

Peer reviewers and the TSI Science Council evaluated a total of 37 applications (13 Team Science proposals and 24 Team Development proposals). The current round of awardees will join 12 other teams working on pilot projects funded by the TSI.

Clinical Data Repository: New Help for an Old Tool

Using the rich clinical data collected in our in-patient and out-patient medical records is an efficient tool for many research questions ranging from assessing treatment effects to investigating changes in health service delivery. But, historically, accessing and navigating these data has been a challenge. Now, the Translational Science Institute is offering new resources to help researchers gain access and pull the data they need. Ongoing efforts will further refine the research utility of the clinical data repository. Contact Julia Robertson at ju-robert@wfubmc.edu to make a data request.

ACUC Updates

Electronic IACUC

A fully electronic system is coming to the IACUC! The ClickCommerce software currently used by the IRB will soon support the IACUC, too. The target for roll out is early 2009. For more information, see [ClickCommerce e-IACUC promo](#) and the [WFU e-IRB success story](#).

Kids at Work

Summer is here, school is out, and many WFUHS employees need to care for their children during work hours. Bringing your kids to work can be a great chance to spend some extra time with your young family, but remember for your children's health and safety that they cannot enter the vivarium or be exposed to research animals. It might be hard to say no to a chance to pet the animals, but to avoid the risks of allergic reactions, Q-fever or other serious zoonoses, WFU policy does not allow minors in animal areas.

IACUC Deadlines for Summer

Deadlines for new protocols are the first Friday of each month, except for July.

The deadline extends to Monday, July 7th. Amendments can be submitted anytime. To shorten review time, amendments to just add or delete personnel should be made on a NEW abbreviated amendment form found on the [IACUC Forms page](#).

Counting Animals in Breeding Colonies

When submitting protocols or amendments that involve breeding animals remember to include not only the experimental animals, but also any non-experimental breeders and animals culled from the colony. Any animal that is born must be counted according to federal regulation, even it is not used in the study proper. For example, if a study requires female mice of phenotype, GreatTrait (GT), that occurs in 50% of the population, you will be using just 25% of all the animals that you breed. If you need 100 female mice for your actual experiment, then you will need to request 400 mice plus a few breeders to get started: 5 breeders + 100 GT females (for your study) + 100 gt females (culled) + 200 males (culled) = 405 mice total.

New Industry Relations Forms

The Research Agreement Questionnaire has been updated, with the questions re-arranged based upon general and project type, specifically clinical trials.

A new Confidentiality Agreement Questionnaire has been created for use in submitting confidentiality agreements. It is not currently a required form, but a tool to help provide Industry Relations with information needed to appropriately review and process these agreements.

We continue to receive either outdated or incomplete Route Forms for projects.

Please provide the current form fully completed to help ensure timely review of your projects.

All of these forms are located on the Industry Relations web site under Forms. If you download these forms to your systems, please be sure you are using the updated forms so that there is no delay in the processing of agreements submitted to us.

If you have questions, please see our web site or contact Kristina Leonard at 6-9359 or krleonar@wfubmc.edu.

SRA International and NCURA 2008 Annual Meetings

This year the Annual Meeting will be held October 9-13, at the [Gaylord National Resort and Convention Center, National Harbor, Md.](#) The Annual Meeting will host over 100 concurrent sessions and will kick-off with Key-note Speaker, [Mark Shields](#), nationally known columnist and political commentator. Various [full-day and half-day workshops](#), and [The Senior Executive Institute Leadership Retreat](#) will be held in conjunction with the Annual Meeting. More information can be found at: <http://www.srainternational.org/sra03/template/tntbAM08.cfm?id=744>.



NCURA – 50th Anniversary Meeting

This anniversary meeting will be held in Washington, DC, November 2-5. The theme is “50 years of Celebrating the Science and Supporting the Scientist!” Registration and additional information is available at: http://www.ncura.edu/content/educational_programs/sites/50/index.php.

Financial Research Compliance Workshops 2008

Financial Research Compliance for Faculty

Provides a look into the financial administration and management of sponsored research grants. Focuses on the areas of financial compliance for which researchers are responsible and will provide a general awareness of the rules governing sponsored research grants. All classes are held in the Comprehensive Cancer Center, Room 2A.

To register, or for more information, please contact Laura Hemrick at lhemrick@wfubmc.edu.

August 19, 2008	9:00 am – 11:00 am	September 17, 2008	9:00 am – 11:00 am
September 11, 2008	2:00 pm – 4:00 pm	October 9, 2008	1:00 pm – 3:00 pm

Standard Sessions for Staff

7-24-2008	8:30 am – 12:30 pm
9-25-2008	8:30 am – 12:30 pm
11-12-2008	8:30 am – 12:30 pm

InfoEd Electronic Submission Training

The InfoEd eRA portal is a web-based system designed to manage the administrative tasks involved in executing sponsored research proposal activities which enables faculty, administrators and staff to efficiently track grants through their lifecycle. Attendees will learn all necessary steps in preparing and creating, for institutional approval, the submission of electronic grant proposals to NIH.

Class Descriptions

InfoEd 101 is an introductory session for individuals with no or little experience with the system.

InfoEd 102 will provide more advanced training for individuals who have completed InfoEd 101 or have submitted a grant electronically. This session will focus more specifically on budgetary issues and attendees may be asked to bring examples or work on materials prior to the class. We recommend that an individual take InfoEd 101 first, before registering for InfoEd 102.

InfoEd NIH Electronic Submission Training

The following workshops are designed to provide a more “hands on” interaction; therefore, space is limited as each participant will be assigned a computer. All of these workshops will be held in Classroom B of Carpenter Library. (Note: Scheduled workshops may be cancelled if fewer than 5 people registered for the session. A notice to all attendees will be sent via email, prior to any cancelled training.)

It is recommended an individual take the InfoEd 101 prior to registering for InfoEd 102 or any classes involving program updates.

InfoEd 101

7/22 - 9-11 am
8/12 - 2-4 pm
8/26 - 9-11 am

InfoEd 102

7/24 - 9-11 am

Office of Research 2008 Workshop Schedule

Budget Fundamentals—NEW!

This workshop will provide a fundamental understanding of budget development that is designed for those unfamiliar with grant budgets. The focus will be on cost standards and allocation principles; definitions of budget line items, Facilities & Administration costs (F&A), consortiums, cost sharing, and discussion around common problems and misconceptions in developing proposal budgets. Tips related to budget development in InfoEd will also be addressed. **Who Should Attend:** Faculty and administrative support staff who are unfamiliar with grant budgets or would like a review of the concepts.

Date: August 19, 2008
Time: 10:00 am - 12:00 pm
Location: Commons 1 & 2
Presenters: Kim Yates & Crystal Reid

IRB Update

Get the latest updates on policies and practices within the IRB.

(Note: It is not necessary to register for these sessions)

Date: August 14, 2008

Time: 1:30 - 2:30 pm

Location: Lecture Hall G-28, G-floor, Gray Building

Presenter: Cheryl Byers

NIH News

NIH Policy on Submission of Additional Grant Application Materials

NIH reminds researchers that the opportunity to submit additional materials should not be a means of circumventing submission deadlines, page limitations, or content requirements and should not substantially enhance, alter or add to the originally submitted application. Applicants have an obligation to check the submitted version of their grant applications to ensure completeness and correctness. For applications submitted electronically through Grants.gov, NIH continues to provide a [two business day application viewing window](#) to allow the Program Director/Principal Investigator (PD/PI) and Authorized Organization Representative (AOR)/Signing Official (SO) to check the assembled application image in the [eRA Commons](#).

Additions before the Peer Review Meeting

During the initial peer review phase, acceptance of additional materials is at the discretion of the NIH Scientific Review Officer (SRO) (see <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-018.html>). Applicants should contact the SRO if they wish to submit additional materials before peer review. Materials should be sent as a PDF attachment to an e-mail. E-mail communication is preferred. If e-mail is not feasible, please send a hard copy. The original application is kept intact; any new material is sent separately to reviewers.

Additions after the Peer Review Meeting

After the initial peer review is completed, the [Chief Grants Management Officer](#) of the NIH Institute/Center is responsible for accepting additional materials. Most material submitted after peer review can be sent as part of the [Just-in-Time](#) process.

NIH Extramural Loan Repayment Program Applications

The NIH announces the continued eligibility of educational loan repayments under the extramural Loan Repayment Programs (LRP). To be eligible, qualified health professionals must agree to engage in research for at least 2 years with at 50% effort devoted to research per year. Each of the 5 LRPs provides for repayment of educational loans of up to \$35,000 per year. See <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-083.html> for details of each program's eligibility and funding set-asides. **Deadline:** Applications will be accepted at www.lrp.nih.gov beginning September 1 and ending December 1.

NIH Grantees May Purchase Lexicon Mice Using Their Grant Funds

Lexicon will make over 2500 knockout mouse strains available for purchase (list will be updated as new knockout strains are added; go to http://www.lexpharma.com/pdf/NIH_Lexicon.xls). An NIH-funded investigator purchasing a Lexicon knockout mouse using grant funds is expected to place the mouse lines in a NIH-supported mouse repository. Universities, medical schools, and research laboratories will have access to mice and germplasm all over the world. Lexicon will send heterozygous mice and materials to the investigator. The investigator and institution will be responsible for coordinating with a NIH-supported repository to ensure that banks of cryopreserved embryos, sperm, and embryonic stem cells are archived using state-of-the-art procedures. Mice and cryopreserved germplasm will be available from the central repository for a nominal fee to cover the costs of quality control, archiving, shipping, and restocking the archive.

Investigators acquiring mice are also responsible for ensuring that phenotypic data received from Lexicon is deposited in the [Mouse Genome Informatics](#) database or another publicly accessible database. All information provided by Lexicon for each mutant mouse will be made available to researchers worldwide without restriction.

Those interested in requesting administrative supplements to acquire Lexicon knockout mice should contact their Program Director prior to making a request. When possible, NIH-supported investigators are encouraged to pool resources to share the cost of acquiring a mouse with particular null mutation. Once an investigator has decided to place an order, he or she should email the completed Material Transfer Agreement ([http://www.nih.gov/science/models/mouse/knockout/NIHInstitutionMTA\(FINAL\).pdf](http://www.nih.gov/science/models/mouse/knockout/NIHInstitutionMTA(FINAL).pdf)) to the following address: komice@lexpharma.com. In addition, please include a notification to the NIH by copying the email message to hardee@mail.nih.gov.

New NIH "Medical Research with Animals" Web Site

The Office of Extramural Research has launched a new web site called "Medical Research with Animals", with information for the general public and for the research community. See http://grants.nih.gov/grants/policy/air/researchers_institutions.htm for details.

Funding Opportunities

NORTH CAROLINA BIOTECHNOLOGY CENTER RESEARCH GRANTS

The North Carolina Biotechnology Center (NCBC) offers the following research grants to investigators:

Biotechnology Research Awards support NC investigators (\$75,000 maximum). **DEADLINES:** pre-proposal due October 1, 2008; full proposal due February 4, 2009. **Collaborative Funding Awards** support postdoctoral fellows or technicians in research laboratories (\$50,000 per year). **DEADLINES:** August 6, 2008 and January 14, 2009.

Institutional Development Awards (\$250,000) provide core equipment to be used by 6 or more faculty members. **DEADLINE:** September 10, 2008.

For more details about these and other NCBC grants, go to <http://www.ncbiotech.org> or call Ginny DeLuca at 919-549-8842.

If the grant mechanism limits the number of applicants from a given institution, potential applicants must first contact the Office of Research and enter an internal competition before submission to NCBC. See <http://www1.wfubmc.edu/OR/Applications+and+Awards/Limited+Submission+Funding.htm> for information.

BURROUGHS WELLCOME FUND (BWF)

These awards are intended to foster the development and productivity of established independent physician-scientists who will strengthen translational research, through their own studies as well as by mentoring physician-scientist trainees. The awards are intended to give recipients the freedom and flexibility to explore fundamental scientific questions, to apply the resulting knowledge at the bedside, and to bring insights from the clinical setting back to the laboratory for further exploration. Candidates must have an M.D. or M.D./Ph.D. degree. Non-M.D. candidates will be considered if their work is likely to contribute significantly to the clinical enterprise. Candidates also must be at the late assistant professor or associate professor level, holding a tenure-track position. Awards are for up to \$150,000 per year for up to five years. See: <http://www.bwfund.org>. **DEADLINE:** October 1, 2008

BURROUGHS WELLCOME FUND (BWF)

The BWF Career Awards for Medical Scientists were instituted in 1995 and ran through the 2006 award year. In response to the NIH's K99/R00 Pathway to Independence awards, the BWF has shifted its focus to attempt to increase and retain the numbers of physician scientists who are conducting research. BWF believes that this bridging award, supporting the last year (s) of a mentored position in addition to supporting the beginning years of an independent position, will facilitate the transition to a career in research and buy time from service commitments. The program provides

\$700,000 over five years to bridge advanced postdoctoral/fellowship training and the early years of faculty service. Candidates should have an M.D., D.D.S., D.V.M., or equivalent clinical degree. Proposals must be in the area of basic biomedical, disease oriented, translational, or molecular, genetic, or pharmacological epidemiology research. Candidates with proposals in the area of epidemiology should contact BWF to determine the eligibility of the proposal. Proposals in health services research or involving large-scale clinical trials are ineligible. During the postdoctoral/fellowship period, awardees may train at degree granting institutions in the United States or Canada. All faculty positions must be taken at U.S. or Canadian degree-granting institutions. During the award period, at least 75 percent of the awardee's time must be devoted to research-related activities. Visit the BWF Web site <http://www.bwfund.org/programs/CAMS/index.html> for complete program details and application procedures. **DEADLINE:** October 1, 2008

AMERICAN CANCER SOCIETY

Research Scholar Grants in Basic, Preclinical, Clinical and Epidemiology Research - these grants support investigator-initiated research projects. Awards are for up to four years and for up to \$200,000 per year. **Research Scholar Grants in Psychosocial, Behavioral and Cancer Control Research** - these grants support investigator-initiated research projects. Awards are for up to five years and for up to \$200,000 per year. Independent investigators at any state of their research careers are eligible to apply. However, senior investigators are strongly encouraged to include as co-investigator a faculty member at an early stage in his/her career. **Research Scholar Grants in Health Services and Health Policy Research** - these grants support investigator-initiated research projects. Awards are for up to four years and for up to \$200,000 per year. Independent investigators at any state of their research careers are eligible to apply. However, senior investigators are strongly encouraged to include as co-investigator a faculty member at an early stage in his/her career. **Postdoctoral Fellowships** - this award is to support the training of researchers who have just received their doctorate to enable them to qualify for an independent career in cancer research (including basic, preclinical, clinical, psychosocial, behavioral, and epidemiologic research). Awards are made for one to three years with progressive stipends of \$40,000, \$42,000 and \$44,000 per year, plus a \$4,000 per year institutional allowance. **Mentored Research Scholar Grant in Applied and Clinical Research** - these grants support mentored research by junior faculty within the first four years of their faculty appointment to become independent investigators in clinical, cancer control, epidemiologic, psychosocial, behavioral, health services, or health policy outcomes research. Awards are for up to five years and for up to \$135,000 per year.

Funding Opportunities

Cancer Control Career Development Awards for Primary Care Physicians - this award is made to support primary care physicians with a rank of instructor or assistant professor who are pursuing an academic career with an emphasis on cancer control. Awards are made for three years with progressive stipends of \$50,000, \$55,000 and \$60,000 per year. The grant also provides up to \$10,000 additional funds per year for support of a mentor. Information for all: <http://www.cancer.org>.
DEADLINE: October 15, 2008

AMERICAN LUNG ASSOCIATION

The ALA research program fosters basic, clinical and behavioral research designed to find cures and to prevent and relieve the suffering associated with lung disease. The following grants and awards are available:

Biomedical Research Grants - these grants provide seed monies for investigators researching the mechanisms of lung disease and general lung biology. Awards are for up to \$40,000 per year for up to two years. **Clinical Patient Care Research Grant** - these grants provide seed monies for investigators working on traditional clinical studies examining methods for improving patient care and treatment for lung disease. Awards are for up to \$40,000 for up to two years.

Social-Behavioral Research Grant - these grants provide seed monies for investigators working on epidemiological and behavioral studies examining risk factors affecting lung health.

This grant includes studies concerning the ethical, legal, and economic aspects of health services and policies. Awards are for up to \$40,000 for up to two years.

Career Investigator - this award is intended to support the career development of established independent investigators who show great promise for a national leadership role in investigative work related to lung disease biology, traditional clinical studies related to patient care and behavioral and psychosocial matters relevant to lung disease. Awards are for up to \$60,000 per year for up to three years. **Lung Health Dissertation Grant** - these grants provide pre-doctoral support for students with an academic career focus and/or nurses pursuing a doctoral degree. Research areas of particular interest to the ALA are: psychosocial, behavioral, health services, health policy, epidemiological, biostatistical and educational matters related to lung disease. Awards are for \$21,000 per year for up to three years. **Senior Research Training Fellowship** - these fellowships are for MDs or PhDs entering the 4th and 5th years of their research fellowship seeking further academic training as scientific investigators. Research areas of particular interest to the American Lung Association are: adult pulmonary medicine, pediatric pulmonary medicine and lung biology. Awards are for \$32,500 per year for up to two years. For more information on the programs, go to <http://www.lungusa.org>.
DEADLINE: September 5, 2008.

*W*OMEN'S
HEALTH CENTER
of EXCELLENCE
Research, Leadership, Education

What a Difference an X Makes: The State of Women's Health Research. A one-day conference sponsored by the Society for Women's Health Research. October 3, 2008, Washington, DC. For details, go to:

<http://www.womenshealthresearch.org/site/Calendar/view=Detail&id=100322&JServSessionIdr007=ijc7ielb71.app6b>

Upcoming Research Events

On September 5, 2008, we will launch our annual research seminar series with: "HPV Vaccination" by Brigitte Miller, MD, Department of Obstetrics & Gynecology. Noon in the Sticht Center Auditorium.

Our **Research Strategies Workshop Series** for faculty will also begin in September. Visit our website's Research Program page for details. <http://www1.wfubmc.edu/whcoe/Research/index.htm>

Funding Opportunities in Women's Health

Several program announcements have recently been released by the National Institutes of Health concerning women, HIV, and preterm births. For more details about these announcements and to view a list of others, please visit our website's list of funding opportunities: http://www1.wfubmc.edu/whcoe/Research/funding_opps.htm

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