RESEARCH QUARTERLY NEWSLETTER

January - March 2013

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Vice President's Message

Dear investigators and research staff,

AAALAC (Association for Assessment and Accreditation of Laboratory Animal Care International) will conduct a re-accreditation site visit at VCU **Tuesday, March 26**th **through Thursday, March 28**th, **2013**.

The site visit agenda will include review of certain types of protocols and interviews with investigators or research staff. A major component of the site visit is a walk-through of the animal facilities and research laboratories. VCU has had continuous AAALAC accreditation for over 30 years. AAALAC accreditation is recognized by federal regulatory agencies, national professional organizations, and sponsors as evidence that a university has a significant institutional commitment to a high quality animal research program. Additional information about AAALAC can be found at www.aaalac.org.

I appreciate the seriousness with which you take your responsibilities as an investigator in animal research, especially in terms of providing training and oversight for your staff and conducting your studies consistent with IACUC approval. The climate you foster in animal research is an important factor in AAALAC reaccreditation.

If you have any questions about the AAALAC accreditation process, please do not hesitate to Dr. Michelle Stickler, Director, Research Subjects Protection, Dr. Wayne Barbee, Chair, IACUC, or me.

SPONSORED PROGRAMS

Sequestration

On February 21, 2013, NIH issued the following statement:

"The NIH continues to operate under a Continuing Resolution as described in NOT-OD-13-002, and therefore all non-competing continuation awards are currently being funded at a level below that indicated on the most recent Notice of Award (generally up to 90% of the previously committed level). Final levels of FY 2013 funding may be reduced by a

sequestration. Despite the potential for reduced funding, the NIH remains committed to our mission to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce the burdens of illness and disability.

Should a sequestration occur, NIH likely will reduce the final FY 2013 funding levels of non-competing continuation grants and expects to make fewer competing awards to allow the agency to meet the available budget allocation. Although each

NIH Institute and Center (IC) will assess allocations within their portfolio to maximize the scientific impact, non-competing continuation awards that have already been made may be restored above the current level as described in NOT-OD-13-002but likely will not reach the full FY 2013 commitment level described in the Notice of Award. Finally, in the event of a sequestration, NIH ICs will announce their respective approaches to meeting the new budget level.

Inquiries

Questions regarding adjustments applied to individual grant awards may be directed to the Grants Management Specialist identified on the Notice of Award. "

On February 27, NSF issued the following statement:

"The National Science Foundation has issued the following Important Notice concerning the impact of sequestration on the **NSF** programs:

Notice No. 133 February 27, 2013

IMPORTANT NOTICE TO

PRESIDENTS OF UNIVERSITIES AND COLLEGES AND HEADS OF OTHER NATIONAL SCIENCE FOUNDATION **AWARDEE ORGANIZATIONS**

Subject: Impact of FY 2013 Sequestration Order on NSF Awards

As you may know, since passage of the American Taxpayer Relief Act of 2012, the President has been working with Congress to reach agreement on a balanced deficit reduction plan. If an agreement is not reached by the end of this month, the President will be required to issue an order on March 1, 2013 that will implement across-the-board spending cuts known as sequestration. As a result of this expected sequestration order, the Fiscal Year (FY) 2013 appropriations of the National Science Foundation (NSF) will be reduced by 5 percent.

We intend to make the necessary FY 2013 reductions with as little disruption as possible to established commitments, and are using the following set of core principles to guide our sequestration planning activities:

- Protect commitments to NSF's core mission and maintain existing awards;
- Protect the NSF workforce; and
- Protect STEM human capital development programs.

By adhering to these core principles and the government-wide guidance issued by the Office of Management and Budget (OMB), Memorandum 13-03, Planning for Uncertainty with Respect to Fiscal Year 2013 Budgetary Resources, we expect to be able to accommodate the sequestration reductions in ways that minimize, to the extent possible, the impact on our mission, both short- and long-term.

Because the sequestration order takes effect at mid-year, its impact is somewhat greater than might otherwise be the case. At NSF, the major impact of sequestration will be seen in reductions to the number of new research grants and cooperative agreements awarded in FY 2013. We anticipate that the total number of new research grants will be reduced by approximately 1,000.

In keeping with the first core principle listed above, and to assure continuity and minimize disruption of scientific research, all continuing grant increments in FY 2013 will be awarded, as scheduled, and there will be no impact on existing NSF standard grants. The same intent applies to annual increments for cooperative agreements, though overall funding constraints may require reductions to certain major investments. These will be handled on a case-by-case basis.

It is also important to advise you that the Foundation is currently operating under a Continuing Resolution (CR) that will expire on March 27, 2013. Once NSF has appropriations in place beyond March 27th, we will revise this notice as necessary.

Subra Suresh

Director

The notice is available at: http://www.nsf.gov/pubs/2013/in133/in133.pdf "

The Office of Research will send further notices to the Research Administrators listserv as such notices are received.

New NIH Policies - RPPR and Public Access

This information is being provided as a follow up to a presentation made at the last Research Administration and Compliance Meeting (RACM) held on January 23, 2013. At that meeting we informed you of a new federal-wide progress report format coming into use. On February 6, 2013, NIH announced the date by which use of the new **Research Performance Progress Report (RPPR)** format in the eraCommons will be mandatory for all fellowships as well as grants currently subject to eSNAP progress reporting:

Awards with a July 1, 2013 anniversary date with progress reports due May, 2013 must use the RPPR format. (Progress reports due prior to that date have the option to use RPPR or existing format.)

All principal investigators and fellows with grants subject to this new reporting requirement have been emailed the following information:

NIH's announcement February 6, 2013 advising of the mandatory use of the RPPR format is available at this url:http://grants.nih.gov/grants/guide/notice-files/NOT-OD-13-035.html

NIH has prepared and made available a training webinar available here:

http://grants.nih.gov/grants/rppr/index.htm

A reminder that the Principal Investigator/Fellow is responsible for compiling the progress report and then routing it in the eraCommons to the Signing Official in the Office of Sponsored Programs (OSP) so we can review and submit the report on time.

Should you have any questions, please contact OSP. Thank you for supporting your investigators and fellows through this transition.

Upcoming Changes to Public Access Policy Reporting Requirements and Related NIH Efforts

In November, 2012, with Notice (NOT-OD-12-160), NIH informed grantees that in Spring, 2013, at the earliest, NIH will delay processing of non-competing continuation grant awards if publications arising from that award are not in compliance with the NIH public access policy. The award will not be processed until recipients have demonstrated compliance. This change will take effect in tandem with NIH requiring the use of the Research Performance Progress Report (RPPRs) for all Streamlined Non-competing Award Process (SNAP) and Fellowship awards in the Spring of 2013 (see NIH NOT-OD-12-142).

Refer to Notice NOT-OD-12-160 for a full description of process changes under this announcement.

Revision to Advance PT Request Form

As announced in the Research Administration and Compliance Meeting (RACM) in January , the Advance PT Request form has been revised to include requests for "SC" numbers.

The new form is named Advance PT/SC Request and can be found on the Office Sponsored Programs (OSP) website under the heading of Proposal forms or Web Proposal forms.

http://www.research.vcu.edu/forms/osp.htm

Here is a direct link to the form:

http://www.research.vcu.edu/forms/pt number request.htm

Please use this form to request either (1) an advance "PT" number for new proposals meeting the following criteria: NIH applications for P,U and C series and applications for all other Sponsors except where a Master Agreement already exists. OR (2) an advance "SC" number under an existing "PT" number (primarily Task Orders under Master Agreements).

A link to the Master Agreement Listing, an excel spreadsheet containing information on current Master Agreements as of 1/25/2013, has been included in the request form itself or can be found under the OSP Index listing indicated below.

http://www.research.vcu.edu/osp/osp index.htm

Please contact Melanie Wiggins [<u>mwiggins@vcu.edu</u>] with any questions regarding this requirements and the new form.

New VCU Policies

The following policies related to the Office of Research have been fully approved and are in effect:

- *Facilities and Administrative Cost Recovery Policy
- *Cost Sharing Policy
- *Sponsored Programs Award Review, Negotiation, Acceptance and Notification Policy
- *Establishment of Sponsored Project Subcontracts and Subawards Policy
- *Post Award Changes Rebugeting, Prior Approvals and University Approval Policy
- *Subrecipient Monitoring Policy
- *Compliance with the Federal Funding Accountability and Transparency Act Policy

These policies may be found under the Research section in the VCU Policy Library (http://www.assurance.vcu.edu/policylibrary.html)

RESEARCH INTEGRITY AND ETHICS (formerly COMPLIANCE)

AIRS and COI

'Fun Facts' and FAQs about the Activity and Interests Reporting System (AIRS) for the Conflict of Interest in Research Program

Brief background: The Activity and Interests Reporting System (AIRS) is a new initiative as of late August. The AIRS contains investigator reports of their financial interests and their assessments of whether and how those financial interests are related to their research. COI dispositions and management plans in the context of specific proposals and protocols are also contained in the AIRS. Those individuals designated as 'COI investigators' by the PI are directed to the AIRS to complete and submit their Financial Interest Report (FIR). After initial completion of the FIR in the AIRS, further entry into the AIRS need only occur for: 1) updating within 30 days of acquiring or discovering new financial interests or new relatedness to his or her research, and 2)

annual updating during an announced time period next year. There is no longer a need to fill out and get signatures on a paper form for each and every proposal and protocol! A completed FIR is associated with a proposal by Sponsored Programs or with a protocol by IRB or IACUC. VCU, by way of the COI Office, is responsible for determining whether financial interests are significant financial interests that may actually comprise a conflict of interests. Go to https://airs.research.vcu.edu to enter the AIRS.

As of the end of February, 2013, almost 2000 COI investigators' have entered the AIRS, however not FIRs are in the 'Active' state, meaning they are not available for COI review. When entering the AIRS to complete a FIR initially or as an update, remember to click the 'Complete' box AND click Finish to move the FIR to an 'Active' state. You should receive an email indicating successful completion of your FIR.

FAQ #1: Why has the AIRS initiative been developed?

Regulatory, legislative, and societal forces have converged to require evermore scrutiny of the research enterprise. Although the 2011 PHS Final Rule on "Promoting Objectivity in Research" (Federal Register Notice) is propelling the VCU AIRS initiative for PHS funded research, other federal agencies, as well as a growing contingent of industry and non-profit sponsors are requiring institutional compliance with the Final Rule. Unfunded research may also be subject to perceptions of bias. In addition, a growing concern about institutional conflicts of interest in research demands an electronic system to identify financial interests that have potential for posing financial conflicts of interest.

FAQ #2: Who is a 'COI Investigator'?

Any individual, regardless of title, role or position, who is responsible for the design, conduct, or reporting of research is an 'investigator' under the VCU COI Policy. The PI designates 'COI investigators' for each submitted proposal and protocol. The designation does not imply that the investigator has a conflict of interests, only that his or her financial interests will be reviewed for conflicts in the context of the specific research. In designating 'COI investigators' the PI should consider whether the level of responsibility and independence individuals have in the research is near comparable to that of the PI. 'COI investigators' are always the PI and co-PI, often a co-investigator(s) and usually only a subset of individuals listed as personnel on the proposal/protocol.

FAQ #3: What kind of travel needs to be reported on my FIR?

'COI investigators' are required to report compensated travel for themselves and their immediate family members that is related to the investigator's institutional responsibilities. Compensated travel includes reimbursed travel as well as travel paid on behalf of the investigator. Travel that is not reported in the FIR includes: 1) travel that is explicitly accounted for in a proposal processed by Sponsored Programs and 2) travel that is paid by VCU.

FAQ #4: Do subrecipients have to complete a FIR in the AIRS?

VCU is required to verify, by way of a written agreement with subrecipient institutions on PHS-funded (or PHScompliant) research, whose financial Conflict of Interest policy will apply to its investigators collaborating with VCU investigators. If non-VCU collaborators are with institutions that have a Final Rule-compliant policy, they will follow their own institutional policy. Otherwise their institution must develop its own policy or, a more likely scenario, they will defer to VCU's policy and will need to complete a FIR in the AIRS. The subrecipient rule applies to non-PHS funded collaborations if the sponsor requires Final Rule compliance, and also applies to non-VCU collaborators designated as 'COI investigators' on IRB protocols. See the OSP Subrecipient Commitment Form and the IRB Study Personnel Roster for more information.

For more information about the AIRS contact: <u>AIRS@VCU.edu</u>

For information about conflicts of interest in research, VCU policy, and the Conflict of Interests Committee see: http://www.research.vcu.edu/p_and_g/coi2.htm

Reporting Compliance Concerns

Just a reminder that each university member, whether faculty, staff or student, has an obligation to faithfully manage the resources entrusted to the university and to protect the integrity of the research being conducted in order to maintain the public's trust.

When you have concerns, you have options:

- You may report violations or concerns to your immediate supervisor or department head, if appropriate.
- For concerns about research misconduct, you may contact the Research Integrity Officer -Monika Markowitz, PhD - at 827-2157 or through the Office of Research (827-2262)
- You may call the individual responsible for the related compliance area, if appropriate. Please see the listing for Compliance Partners (http://www.assurance.vcu.edu/cac.html)
- You may call the Compliance Helpline at 1-888-242-6022, or log a report online at <u>www.vcuhelpline.com</u>. Both of these options provide university members an anonymous and confidential reporting option 24 hours a day, 365 days a year.
- You may call or email the ICO directly at (804) 828-2336 or email <u>ucompliance@vcu.edu</u>

Examples of violations that should be reported include:

- Concerns about research misconduct
- Suspected cases of fraud, waste or abuse
- Violations of governmental regulations
- Violations of ethics
- Violations of VCU policies and procedures

All reports must be made in good faith and are protected from retaliation by and state and federal whistleblower protections. (See VCU's *Duty to Report* policy

http://www.assurance.vcu.edu/Policy%20Library/Duty%20to%20Report%20Policy.pdf and VCU's *Misconduct in Research and Scholarly Activities* Policy

http://www.assurance.vcu.edu/Policy%20Library/Misconduct%20in%20Research%20and%20Scholarly%20Activities.pdf

Reports made to the Helpline are handled and investigated by the Integrity & Compliance Office, with assistance from other areas as needed.

RESEARCH SUBJECTS PROTECTION

AAALAC Accreditation and Preparation

AAALAC stands for the Association for the Assessment and Accreditation of Laboratory Animal Care International (AAALAC) - http://www.aaalac.org/. AAALAC is a private, non-profit organization that promotes the humane care and treatment of research and teaching animals through voluntary accreditation of animal

research facilities. They are not a government regulatory enforcement agency. More than 850 institutions worldwide are accredited by AAALAC. VCU has been accredited since 1968.

Accreditation demonstrates accountability to the general public. Using animals for research and teaching remains a controversial issue for some. We promote our commitment to quality animal care and use by demonstrating excellence through ongoing accreditation. Additionally, both government and private funding sources view AAALAC accreditation as validation that our program conforms to the regulations and all animals will be treated humanely. To receive an award from either Veterans' Affairs or the Department of Defense, the awardee institution must be AAALAC accredited.

To maintain accreditation, site visitors come to campus and evaluate our animal care and use program every three years. The site visitors are colleagues from other accredited institutions who have vast knowledge and experience with animal research. As many of you are already aware, VCU will receive another site visit from AAALAC in the first calendar quarter of 2013.

The site visit will likely be a three-day visit during which time the evaluators will visit all of our animal facilities and laboratories. They will also spend time reviewing our administrative records (e.g., approved protocols) and talking with individuals (e.g., facility managers, research technicians, students and caretakers) involved in the program. Throughout the visit, they will be gathering information to do a thorough evaluation of our program based on established regulations and standards.

AAALAC Prep Tips and Reminders:

- Everyone in a lab should be able to access the approved and current IACUC protocol that covers their
 work. This might require having a printed copy of the current protocol available in a binder in the lab.
 Each researcher should be familiar with the procedures described in the protocol. They should be
 conducting procedures as described in the approved protocol.
- In most cases, the PI, is responsible for training research staff on animal procedures. The AAALAC site
 visitors may ask the PI to describe how he or she conducts and verifies this type of training. For
 example, the PI may personally train a student to conduct a unique procedure, and verification may be
 a physical observation conducted by the PI.
- Everyone in your research group should be wearing the appropriate attire for conducting research procedures and handling animals. AAALAC site visitors will be monitoring for appropriate use of personal protective equipment (PPE).
- All research personnel should know who to contact in the event there is an animal related emergency.
 They should be familiar with the emergency contact list posted in or near the animal facilities.
- AAALAC site visitors will be thoroughly examining the animal facilities and procedure rooms. It is very
 important that all rooms be kept tidy and neat, as a cluttered work space may be perceived as sloppy
 and inadequate. Additionally, if repairs are needed in the facilities, please submit repair requests to
 "Quick FM" at http://quikfm.vcu.edu/ or call the Facilities Management control center hotline at 8289444.

ACUP (Animal Care and Use Program)

Animal Care and Use Program (ACUP) Policy and Guideline Documents Reapproved

The following ACUP policy and guideline documents have been re-reviewed and approved by the VCU IACUC:

Category	Title	IACUC Approval Date
IACUC	Reporting Adverse Events	04/18/12
Animal Husbandry	Amphibian Care	06/20/12
Animal Husbandry	Food or/and Fluid Regulation	09/19/12
Animal Husbandry	NEW! Intra-Building Animal transport through Public Spaces	09/19/12
Animal Husbandry	Mouse Breeding and Weaning	09/19/12
Animal Husbandry	Physical Restraint	01/18/12
Animal Husbandry	Quarantine and Stabilization	02/08/12
Animal Husbandry	Requirements for Animals Kept Out of Vivarium	02/08/12
Animal Husbandry	Testing of Cell Lines Introduced into Barrier Animal Colonies	09/19/12
Environmental	Environmental Enrichment of Non-Human	07/18/12
Enrichment	Primates	
Environmental Enrichment	Environmental Enrichment of Laboratory Animals other than Non-Human Primates	07/18/12
Analgesia/ Anesthesia/Euthanasia	Assessing Pain and Distress	06/20/12
Analgesia/ Anesthesia/Euthanasia	Euthanasia of Rodent Feti and Neonates	06/20/12
Analgesia/ Anesthesia/Euthanasia	Guideline Injectable Anesthesia (Substitutes for Pentobarbital)	07/18/12
Analgesia/ Anesthesia/Euthanasia	Guideline Local and Regional Anesthesia and Analgesia	07/18/12
Analgesia/	Management of Anesthetic Complications	10/17/12

Anesthesia/Euthanasia		
Analgesia/ Anesthesia/Euthanasia	Potential Biological Effects of Compounds Used for Euthanasia	10/17/12
Analgesia/ Anesthesia/Euthanasia	Topical Anesthetic Comparisons	10/17/12
Analgesia/ Anesthesia/Euthanasia	Use of Ether	10/17/12
Analgesia/ Anesthesia/Euthanasia	Use of Paralytic Agents	10/17/12
Analgesia/ Anesthesia/Euthanasia	Use of Tribromoethanol - Avertin	10/17/12
Drug Usage	Dose Volumes for Compound Administration	03/21/12
Drug Usage	The Use of Expired Medical Materials in Animal Research at VCU	11/16/11
Drug Usage	The Use of Pharmaceutical or Non- Pharmaceutical-Grade Chemicals/Compounds in Animals at VCU	11/16/11
Procedures and Surgeries	Blood Sampling Amounts and Techniques	04/18/12
Procedures and Surgeries	Classification of Surgical Procedures – Multiple Major Survival Surgery	03/21/12
Procedures and Surgeries	Moribund Condition as an Endpoint	10/19/11
Procedures and Surgeries	Rodent Toe Clipping for Genotyping and/or Identification	03/21/12
Procedures and Surgeries	Obtaining DNA (by tissue sampling) for Genotyping of Rodents	10/17/12
Procedures and Surgeries	Postoperative Surgical Care (Non-Rodent)	05/16/12

Procedures and Surgeries	Production of Hybridomas in Animals	06/20/12
Procedures and Surgeries	Production of Tumors and Cancer Research in Animals	09/19/12
Procedures and Surgeries	Policy and Guideline Rodent Survival Surgery	05/16/12
Procedures and Surgeries	Guideline Sterilization and Disinfection	05/16/12

Investigators and research staff are encouraged to review these documents for familiarity. All are posted on the ACUP website at https://www.vcu.edu/research/acup/quides policies resources.htm

Institutional Review Board (IRB)

Introduction to the VCU Institutional Review Boards (IRB)

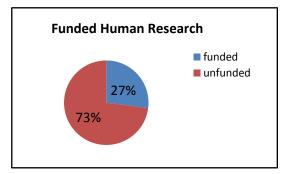
Purpose of the IRB

The Institutional Review Board (IRB) at VCU is responsible for reviewing all VCU-affiliated research projects involving humans to protect the rights and welfare of research participants and to ensure compliance with federal, state, and local regulations.

IRB members review research applications that provide detailed information about the proposed study conduct, research instruments, informed consent process and forms, etc.

About the VCU IRBs

VCU has four internal IRBs – 3 that focus primarily on biomedical research and 1 that reviews social and behavioral research. Each of the internal panels meets once per month on Thursday afternoons. VCU also utilizes an independent IRB, Western IRB, for the review of industry-sponsored research and the NCI Central IRB for review of some oncology research.



The IRBs review approximately 3000 submissions each year. VCU currently has 2531 active studies encompassing widely varied research topics including research on health outcomes, behavioral prevention or modification, education, psychology, and clinical trials, among others. In FY12, \$78.8 million of awards received by VCU were associated with human research.

4.5

Alternate

Time Spent on IRB Work

(hours/month)

12

Full

VCU VIRGINIA COMMONWEALTH UNIVERSITY

IRB Membership

The 4 VCU IRBs currently have 85 total members – 58 full members and 26 alternates. Membership is comprised of VCU faculty and staff from both campuses, as well as unaffiliated community representatives. Full members attend monthly meetings regularly and complete independent reviews outside of panel meetings. Alternates do not have to attend the convened meetings, but are often called upon to complete independent reviews.

When asked what they enjoy most about serving on the IRB, members have indicated that the main reasons are:

- The ability to help others, including students, conduct better research;
- The ability to give back to the institution and the community;
- · Learning about different kinds of research; and
- Meeting new colleagues and working with others.



The IRB is currently seeking new members, particularly to fill alternate positions. Maintaining sufficient membership on the IRB is essential for keeping the workload manageable for each individual member. Anyone interested in pursuing IRB membership may submit a membership application, located on the IRB forms page:



- Social Scientist member

15

10

5

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http://www.research.vcu.edu/forms/irb membership application.docx.

"Being a member of the IRB is one way I think I can 'make a difference' in Research."

Physician Scientist member

Training for new IRB members typically involves attending panel meetings to learn by listening to group discussions, attending an orientation meeting, and completing web-based training modules. Once appointed, an experienced reviewer mentors each new panel member by providing advice, instruction, and supervision depending on the new member's prior experience.

TECHNOLOGY TRANSFER

In October, 2012, two medical technologies coming out of VCU were among the four finalists selected to present at the annual Southeast BIO/Plan Competition. The VCU team led by Dr. David Simpson and Dr. Gary Bowlin presented their development of an optimized surgical mesh for hernia repair utilizing a platform electrospinning technology. The VCU team led by Dr. Todd Gehr, Dr. Lynne Gehr and Dr. Don Farthing presented their development of a handheld device for guickly testing for an early marker of cardiac ischemia.

With the assistance of with business advisory groups and experienced entrepreneurs, VCU Tech Transfer worked with the faculty inventors of both technologies to develop a comprehensive commercialization plan for these new and innovative technologies to be presented to the SEBIO Investor Forum.

Richmond has been selected to host the 2013 SEBIO Investor Forum in the Fall of 2013. VCU's Tech Transfer will be involved promoting VCU technologies to attendees during the Forum.

VCU Intellectual Property Policy – Review and Comment

The updated VCU Intellectual Property Policy (VCU IP Policy) is posted for review and comment (See http://www.assurance.vcu.edu/policyprogram.html right side block, "Policies Open for Public Comment.") or

you may click on the link below to review and/or comment. There is a 30-day comment period. The major updates are as follows:

Changes in the U.S. patent law and a recent U.S. Supreme Court case have necessitated that universities adjust the language in their intellectual property policies from an "agreement to assign" to an "automatic assignment" of intellectual property to the universities. The proposed change to the VCU IP Policy would provide better assurance to our research sponsors (Government, not-for-profit and industry) that VCU could meet its contractual obligations concerning intellectual property rights.

The second proposed change to the Intellectual Property Policy is to ensure that VCU retains ownership and use of course content and materials that are developed for use at least in part for distance education.

Lastly, a procedural statement has been added to ensure that VCU Tech Transfer is the sole entity responsible for commercialization of VCU intellectual property and to prevent certain forms of conflict of interest and commitment on the part of VCU members regarding commercialization activities.

Click here to review and comment on the updated Intellectual Property policy

Thank you for taking the time to read and comment on the updated VCU IP Policy.

Additional information about VCU's Tech Transfer may be found at http://www.research.vcu.edu/ott/index.htm

TRAINING OPPORTUNITIES

Thursday, March 14, 2013

1:00pm REDCap Intro Sanger Hall

Monday, March 18, 2013

1:00pm Conflict of Interest in Research: Information/Demonstration of "Activity and Interest Reporting System (AIRS)"

Tuesday, March 19, 2013

1:00pm Genetic Sampling and Testing in Human Subject Research Webinar – Off Campus

Tuesday, March 19, 2013

1:00pm NIH Submissions to Grants.gov using the VCUeRA Biotech 1, Conf. Rm. 3060

Wednesday, April 10, 2013

Understanding Data Registry Setup and Maintenance Policies Webinar - Off Campus 1:00pm

Tuesday, April 23, 2013

9:30am NIH Submissions to Grants.gov using the VCUeRA Biotech 1, Conf. Rm. 3060