



THE RESEARCH COMMUNIQUÉ



Fall 2009

November 18, 2009

News from the Office of the Associate Dean for Research and Faculty Affairs (ADRFA): • Division of Laboratory Animal Medicine (DLAM)/Laboratory Animal Care and Use Committee (LACUC) • Division of Research Services • Flow Cytometry Facility • Grants and Contracts • Office of Clinical Research Development (OCRD)/Springfield Committee for Research Involving Human Subjects (SCRIHS) • Office of Technology Transfer (OTT) • Radiological Control/Radiological Control Committee (RCC) • Research Committees: Central Research Committee (CRC) and Research Policy Committee (RPC) • Research Imaging Facility (RIF) • Statistics and Research Consulting • Visual Communications • and more

► SCRIHS QUARTERLY TIP

While investigators do everything they can to avoid unexpected adverse events, these events do occur. When assessing unexpected adverse events, it is important to consider the possibility of the event being a part of a small sub-set of unexpected adverse events called Unanticipated Problems. SCRIHS defines Unanticipated Problems as events meeting all of the following criteria: 1) unexpected; 2) possibly or probably related to participation in the research; 3) placing participants and/or others at greater risk of harm; and 4) requiring revisions to study-related documents, such as protocol, consent, investigator's brochure, etc. There is also a possibility that an event could occur that meets the Unanticipated Problem criteria even though no unexpected adverse event transpired. For example, a behavioral research study collects identifiable information about illicit drug use by surveying college students. The data is stored unencrypted on a laptop, and the laptop gets stolen. This event is unexpected, related to participation in the study, places participants and/or others at greater risk of harm, and will require revisions to study-related documents. Even though there is no adverse event, all Unanticipated Problem criteria have been met. The event should still be reported to SCRIHS. For guidance on reporting Unanticipated Problems to SCRIHS, visit <http://www.siumed.edu/adrf/SCRIHSManual.pdf>. For additional information about Unanticipated Problems, visit <http://www.hhs.gov/ohrp/policy/AdvEvtGuid.htm>.

► CONGRATULATIONS TO THESE GRANT RECIPIENTS

The following are recent recipients of American Recovery and Reinvestment Act funding (NIH and HRSA): **Andrzej Bartke, Ph.D.**, Medicine, *Interaction of Caloric Restriction with Longevity Genes*; **Carol Bauer, M.D.**, Surgery, *Features of Chronic Tinnitus in an Animal Model as Indicated by MEMRI and MRS*; **Kathleen Campbell, Ph.D.**, Surgery, *Developing D-Methionine as an Aminoglycoside Otoprotectant*; **Donald Caspary, Ph.D.**, Pharmacology, *The Glycine Receptor in a Rat Tinnitus Model: A Possible Therapeutic Target*; **Michael Collard, Ph.D.**, Physiology, *Regulatory Mechanisms of DEAF-1 in Development*; **Erik Constance, M.D.**, Student Affairs, *Scholarships for Disadvantaged Students*; **Julio Copello, Ph.D.**, Pharmacology, *Communication Between Neighboring Ryanodine Receptor Channels in Skeletal Muscle*; **Edward Gershburg, Ph.D.**, MMICB, *Definition of Structural Organization and Enzymology of the EBV Protein Kinase*; **Ramesh Gupta, Ph.D.**, Biochemistry, *RNA Splicing in Archaea*; **William Halford, Ph.D.**, MMICB, *Development of an Effective Genital Herpes Vaccine*; **Jodi Huggenvik, Ph.D.**, Physiology, *DEAF-1 Interactions and Protein Modifications in Prostate Cells*; **James MacLean, Ph.D.**, Physiology, *Regulation of Insulin by RHOXS Homeobox Gene Supports Spermatogenesis*; **Laura Murphy, Ph.D.**, Physiology, *Ginseng and its Constituents in Complementary Breast Cancer Therapy*; **April Strader, Ph.D.**, Physiology, *Understanding the Role of Bile as a Mechanism for Improved Glucose Homeostasis Following Bariatric Surgery*; and **Linda Toth, Ph.D.**, Pharmacology, *Mechanisms of Fatigue in a Chronic Viral Disease*.

The following are recent external grant recipients: **Teresa Liberati, Ph.D.**, Medicine, *Genetics, Obesity & Inflammation: Exacerbation of Susceptibility to Environmental Carcinogens in Lung*, ALA Illinois Division; **Yin-Yuan Mo, Ph.D.**, MMICB, *Exosome-Mediated MicroRNA Transfer in Breast Cancer Metastasis, and Identification of MicroRNAs that Regulate Estrogen-Independent Growth Pathways*, both DOD; **Debashree Mukherjee, Ph.D.**, Pharmacology, *Amelioration of Cisplatin Ototoxicity by Transplatin*, NIH; **Michael Neumeister, M.D.**, Surgery, *Using Nintendo Wii to Improve Recovery & Compliance in Hand Therapy*, Memorial Medical Center Foundation (MMCF); **Sophia Ran, Ph.D.**, MMICB, *Endothelial Cell Progenitors and Tumor Recurrence after Chemotherapy*, DOD; **Nicole Sommer, M.D.**, Surgery, *Vectra Volumetric Imaging System: Improving Patient Outcomes by Bridging Gap Between Patients/Surgeons*, MMCF; **Victor Utehev, Ph.D.**, Pharmacology, *Responsiveness to Nicotine of Nucleus Tractus Solitarius Neurons*, NIH; and **Kounosuke Watabe, Ph.D.**, MMICB, *Identification of Metastatic Tumor Stem Cell, and DCIS-Specific MicroRNA in Cancer Stem Cell*, both DOD.

Congratulations also to **Krishna Rao, M.D., Ph.D.**, Medicine, who received the SIU Clinician Scientist Award for *Impact of Rab25 Loss and ReExpression in Breast Cancer*.

► NEW CONFLICT OF INTEREST REPORT AVAILABLE NOW

The Institute of Medicine of the National Academy of Sciences has recently published a report on conflict of interest in medicine. The full report is titled *Conflict of Interest in Medical Research, Education, and Practice*. The report is now available in the SIU-SOM medical library under the call number W 50 C7483 2009.

 SIU School of Medicine

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To:

Calendar of Events

February

- 5** New NIH R01 grant submission deadline, **Pam Helfert**, 545-4549
- 16** New NIH R03 and R21 grant submission deadline, **Pam Helfert**, 545-4549

► NEW DUNS NUMBER REMINDER

SIU-SOM's DUNS number was recently changed to 038415006. This new number must be used on all grant application forms/contracts or when otherwise requested. For questions, contact **Pam Helfert**, ADRFA, at 545-4549 or phelfert@siumed.edu.

► SCRIHS EMAIL ADDRESS FOR NEW EXPEDITED APPLICATIONS

Please be advised that the SCRIHS office has a new email address for sending new, expedited review materials only: scrihsexpedited@siumed.edu. Paper copies of expedited review materials are no longer required. Documents that require a signature must be signed and scanned into electronic format. Please contact SCRIHS staff with any questions at 545-7602.



HAPPY HOLIDAYS!

► TECH TRANSFER CARTOON



"Ideas that may not be patentable may still be protectable as trade secrets and know-how. Trade secrets and know-how can be effectively marketed and licensed. Talk to the OTT today to find out more about how your ideas can be protected and developed."

► NIH ANNOUNCES RESTRUCTURED GRANT APPLICATION FORMS

NIH announced that restructured versions of the paper PHS 398 and electronic SF 424 (R&R) application packages will be available by December 2009. All new and resubmission applications with due dates on or after January 25, 2010 must use the new forms.

Notable changes include shorter page limits, a revised research plan section, and new biosketch requirements. Applications with a previous Research Plan page limit of less than 25 pages will change to a limit of 6 pages (i.e. R03, R21). Applications with a previous limit of 25 pages will change to 12 pages (i.e. R01, R15). The Research Plan will be restructured to include a Research Strategy section with Significance, Innovation, and Approach subsections. The Approach subsection will include both Preliminary Studies and the Progress Report. Overall, the Research Strategy section will take the place of the old Background and Significance, Preliminary Studies/Progress Report, and Research Design and Methods sections. Biosketches will also be revised to include a Personal Statement and no more than 15 selected, peer-reviewed publications to be chosen based on recency, importance to the field, and relevance to the proposed research.

If the requirements for a specific Funding Opportunity Announcement (FOA) differ from the above general requirements, the FOA requirements should be followed. For complete details on the new shorter, restructured application packages and process, visit http://enhancing-peer-review.nih.gov/restructured_applications.html. Contact **Pam Helfert**, ADRFA, at 545-4549 or phelfert@siumed.edu with specific questions.

► CLINICAL RESEARCH COORDINATORS NETWORK (CRCN)

CRCN brown bag luncheon meetings are held on the second Thursday of even months from noon to 1 p.m. in the Lincoln Conference Room. The next meeting date is December 10, 2009. One conference hour is awarded for each meeting attended. These hours are accepted by SoCRA and ACRP.

If you work on clinical research trials and are not yet included as part of this network, please contact **Barbara Lokaitis**, Neurology, at blokaitis@siumed.edu or 545-9737. Do you have suggestions for future meeting topics? Please contact **Susan Klug**, Cancer Institute, at sklug@siumed.edu, or Lokaitis and they will do their best to fill the need.

► NEW SCRIHS TISSUE BANKING AND SPECIMEN COLLECTION TEMPLATES

New and continuing review applications must use the following templates. Studies to collect specimens for a specific, known research purpose must use the *Consent Form for Specimen Collection*. Studies to bank specimens/tissue for future research must use the *Consent Form for Tissue Banking*. Access the forms at <http://www.siumed.edu/adrfa/scrihs1.html>. Scroll down to *SCRIHS Forms*, then to *Informed Consent Templates*. Please contact SCRIHS staff at 545-7602 with any questions.

► CONGRATULATIONS GARY FIFER- CERTIFIED IRB PROFESSIONAL!

Gary Fifer, ADRFA, recently completed the Certified IRB Professional (CIP[®]) program by demonstrating an advanced level of knowledge, understanding, and relevant competencies of ethical principles in human subject research. Certified IRB professionals strengthen an institution's human research protection program by improving IRB administration and regulatory compliance. Most importantly, research subjects benefit from participating in research at institutions staffed by certified IRB professionals who are well-attuned to subjects' safety and well-being.

► NEW SCRIHS FEE SCHEDULE

Effective September 1, 2009, SCRIHS fees have increased as follows: full board initial reviews- \$2,000, full board continuing reviews- \$750, expedited initial reviews- \$500, expedited continuing reviews- \$200, and sponsor-required protocol amendments/revisions- \$300. There is no fee for clinical research (federal, state, or non-profit funding), SIU-SOM investigator-initiated research, or exempt research.

► FIRST-TIME, FIRST-AUTHOR GRADUATE STUDENT PUBLICATION

Congratulations to **Vijay Walia**, **Ming Ding** (former post-doctoral associate), **Sumit Kumar**, all Pharmacology, **Daotai Nie, Ph.D.**, MMICB, **Louis Premkumar, Ph.D.**, and **Randolph Elble, Ph.D.**, both Pharmacology, who recently co-authored "hCLCA2 is a p53-Inducible Inhibitor of Breast Cancer Cell Proliferation" in *Cancer Research* (August 15, 2009, published online ahead of print August 4, 2009), Vol. 69(16):6624-32.

► Check out The Research Communiqué online at <http://www.siumed.edu/adrfa>.