Funding Opportunities (from the past 7 days)
For previous funding opportunities, see http://teesresearch.tamu.edu/funding-opportunities/

LIMITED SUBMISSIONS
If you would like to receive all notices of limited submission opportunities, please email shelly.martin@tamu.edu. Note that if you are on this list, you will receive any and all announcements, whether or not they apply to you. All limited submission opportunities are also posted on the VPR’s site.

LIMITED SUBMISSION Faculty Development in the Space Sciences (FDSS) – Email of Intent Due June 2, 2015; Internal Proposal Due June 9, 2015

DARPA
Building Resource Adaptive Software Systems (BRASS) (link)

DOE
Research and Development of Innovative Technologies for Low Impact Hydropower (link)

NSF
LIMITED SUBMISSION Faculty Development in the Space Sciences (FDSS) (link)
Dear Colleague Letter – EAGERs for Cellular Biomanufacturing (link)

Upcoming Events
See also http://teesresearch.tamu.edu/events/ for a complete listing and links to handouts/presentations

Today:
ECEN 681 Graduate Seminar – Spring 2015
“Engineering Drug Delivery: a Tale of Physics vs. Biology”
Speaker: Dr. Brian E. O’Neill, Assistant Professor, Houston Methodist Research Institute; Research Assistant Professor of Radiology, Weill-Cornell Medical College

April 15, 2015
3 – 3:50 p.m.
ETB 1037

Abstract: Controlling the location and timing of drug delivery to solid tumors to improve therapeutic efficacy and reduce side effects has long been a goal of science and medicine. Drawing on my nearly eight years of research at Houston Methodist in using ultrasound, lasers and nanoparticles for drug delivery, I will discuss why the goals outlined eight years ago remain elusive today, and why even the most sophisticated drug delivery schemes remain inadequate to the biological barriers faced. Some of the recurring misconceptions of researchers in the field will be addressed. I will then discuss potential paths forward and describe those technologies currently up to the task, several of which I have been testing in my lab over the past couple years.

NSF Mock Review Panel and Q&A

April 22, 2015
2:30-4:30 p.m.
Rudder Tower, Room 401

To register, please email Jason Whisenant at jwhisenant@tamu.edu.

Description: Texas A&M faculty members who have served as reviewers on NSF Review Panels will participate in a mock review panel to provide attendees an informed perspective of how review panels are conducted at the National Science Foundation and the discussions that occur during this process. The length of the mock panel session will run approximately 45 minutes and will be followed by an open Q&A session for attendees.

NSF CAREER and Other Young Investigator Programs Webinar – (Targeted toward regional institutions)

April 24, 2015
9:00-11:30 a.m.
Registration – Check our Events page for registration.

Description: Targeted toward regional institutions, but all faculty are welcome to register. This webinar will discuss program requirements and proposal-writing strategies, how to find funding opportunities, how to contact a program officer, advice on winning strategies and how to avoid common pitfalls, broader impacts resources, the review process, and time for Q&A. Although the presentation will emphasize the prestigious NSF CAREER program, details of many young investigator programs from other agencies and sources will also be presented.

2nd Texas A&M ENG-LIFE Workshop

April 24, 2015
8:00 a.m. – 4:30 p.m.
Texas A&M Health Science Center Health Professions Education Building (HPEB) – RM LL30 (Auditorium)

Pre-registration required
**Description:** The purpose of this workshop is to promote multidisciplinary interaction and scientific communication in the field of engineering and life sciences.

**Register Now**

**Campus-wide Networking for Imaging**
April 27, 2015
4:30-6:30 p.m.
University Club Mezzanine (11th floor of Rudder Tower)
Registration required – Deadline to register is April 22, 2015.

**Description:** 4:30-5:30 p.m. – 2-minute brief overview (1 slide) from volunteers with both imaging developing/capabilities and those with imaging needs; 5:30-6:30 p.m. – Open social discussion around posters.

**8th Annual Intensive Course in Research Writing** – (This course is for non-native speakers of English.)
June 22-July 10, 2015
9:00 a.m.-12 noon – Monday-Friday
Veterinary Medicine Administration Building/Veterinary Teaching Hospital
Contact Dr. Barbara Gastel for more information; 979-845-6887; bgastel@cvm.tamu.edu

**More information**

**Description:** This 3-week course is designed mainly to help researchers increase their proficiency in writing and publishing scientific papers. It also includes instruction on related topics, such as giving oral presentations, preparing poster presentations, and writing grant proposals. To benefit fully from the course, participants should have research that is ready to write up or should have a drafted paper that is ready to revise.

---

**External Event**

**NSF Day at Texas Tech University**
Wednesday, May 20, 2015
Registration: $50 – To register, visit the website. Register by May 12.

**Description:** Program officers will be on the Texas Tech campus on this day, and participants will have the opportunity to interact with them during the afternoon breakout sessions. For faculty and staff.

---

**Research News**

**Campus-wide Networking for Imaging Event Will Link Investigators Who Develop Imaging with Those Who Need Imaging**

TEES Research Development and the Division of Research’s Research Development Services will host a Campus-wide Networking for Imaging event on Monday, April 27, from 4:30 – 6:30 p.m. at the University Club, Mezzanine (11th floor of Rudder Tower).
“Advances in technology and reconstructions drive imaging and sensing rapidly, enabling advances in speed, resolution, and even opening new imaging ‘windows’,” said Dr. Steve Wright, Royce E Wisenbaker Professor II and Associate Department Head of Electrical and Computer Engineering. “Many of our PIs are developing imaging and sensing approaches well beyond what is available commercially. Likewise, our PIs are pushing the envelope on the material genome, brain connectivity, and other challenges that may drive, or benefit from, advances in imaging and sensing. This campus-wide networking event is intended to bring together investigators who develop imaging methodologies with those that may have unmet needs, to the benefit of both sides of the imaging equation.”

Participants are invited to provide a 2-minute (1 slide) overview of their research area and any imaging needs or capabilities available to the research community, and/or develop a poster of their research area and any imaging needs or capabilities available to the research community for the open discussion during the poster session. The two-minute overview will be from 4:30 – 5:30 p.m. followed by an opportunity to network with the presenters during the poster session from 5:30 – 6:30 p.m.

Current networking conveners include: Dr. Steve Wright, College of Engineering; Dr. Andreas Holzenburg, College of Science; Dr. Jay Griffin, College of Veterinary Medicine and Biomedical Sciences; Dr. Jonathan Levine, College of Veterinary Medicine and Biomedical Sciences; and Dr. Andreea Trache, College of Medicine.

If you are interested in serving as a co-convener for your college/unit to help promote the event among your colleagues, please send an email to Dr. Wright at smwright@tamu.edu.

To register, please visit the website. The deadline for registration is April 22.

Collaborators Corner

If you are looking for collaborators for a project/proposal or a piece of equipment, email your request to researchnews@tees.tamus.edu for inclusion in the next newsletter. If you can help, please email the requestor directly.

Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email researchnews@tees.tamus.edu.