**Tips/Lessons Learned in Submitting Proposals**

**Data Management Plans**

In light of the recent research scandals involving fabricated and mishandled data, review panels are looking closely at data management plans. If you need help with a data management plan, the Texas A&M Library has information at [http://guides.library.tamu.edu/DataManagement](http://guides.library.tamu.edu/DataManagement).

They even have a tool for creating a data management plan that conforms to most funders’ requirements: [http://guides.library.tamu.edu/content.php?pid=320939&sid=2626999](http://guides.library.tamu.edu/content.php?pid=320939&sid=2626999).

If you need additional help, contact Bruce Herbert, Director of the Office of Scholarly Communication, Texas A&M University Libraries, beherbert@tamu.edu, [http://scholarlycommunication.library.tamu.edu/](http://scholarlycommunication.library.tamu.edu/), 979-845-2405.

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**Funding Opportunities (from the past 7 days)**

For previous funding opportunities, see [http://teesresearch.tamu.edu/funding-opportunities/](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** NSF Research Experiences for Teachers in Engineering and Computer Science – Email of Intent Due August 5, 2015; Internal Proposal Due August 12, 2015

**NIH**

Harnessing Big Data to Halt HIV (R01) ([link](http://teesresearch.tamu.edu/funding-opportunities/))

**NIST**

Measurement Science and Engineering (MSE) Research Grants Programs - Material Measurement Laboratory (MML) Grant Program ([link](http://teesresearch.tamu.edu/funding-opportunities/))
NSF
Limited Submission NSF Research Experiences for Teachers (RET) in Engineering and Computer Science (link)
Dear Colleague Letter: FY 2016 Sustainable Chemistry, Engineering, and Materials (SusChEM) Funding Opportunity (link)
Dear Colleague Letter: Enabling the Future of Making to Catalyze New Approaches in STEM Learning and Innovation (link)

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

Upcoming Event

Workshop Series Coming This Fall

Keep watching this space for more information on our workshop series about increasing your research dollars by increasing your visibility to peers, to the public, and to funders.

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.

Research News

Robotic Hummingbird Research Featured in IEEE Spectrum

Research conducted in the Advanced Vertical Flight Laboratory (AVFL) at Texas A&M University was featured in the recent IEEE Spectrum online magazine.
The project highlighted was the robotic hummingbird being developed by graduate student David Coleman and Moble Benedict, an assistant professor in the Department of Aerospace Engineering.

The hummingbird robot is capable of controlled, hovering flight, and does so via a custom-developed ultra-light autopilot with an on-board microprocessor and IMU. Employing a set of light-weight actuators, the vehicle is able to modulate the flapping wing kinematics in order to stabilize itself.

To read the article, visit the *IEEE Spectrum* website.

To view the complete story, visit the [website](#).

**Yakovlev Part of Team Awarded Multimillion-Dollar DOD MURI Grant**

A multi-university team that includes Vladislav Yakovlev, professor in the Department of Biomedical Engineering at Texas A&M University, has been awarded a five-year grant, totaling more than $7 million from the Department of Defense’s (DOD) Multidisciplinary University Research Initiative (MURI) program.

The grant, which was issued by the Air Force Office of Scientific Research, is in support of the project “Nanoelectropulse-induced electromechanical signaling and control of biological systems.” Yakovlev is joined by colleagues from Old Dominion University, the Massachusetts Institute of Technology and the University of Nevada School of Medicine.

Yakovlev’s portion of the project, for which he received more $1,050,000 in funding, will focus on the development of new approaches to microscopic imaging of electric fields across cellular membranes and elastic properties of those membranes.

The Army Research Office, the Air Force Office of Scientific Research, and the Office of Naval Research solicited proposals in 19 topics important to DOD and the military services and received a total of 289 white papers, which were followed by 76 proposals. The awards were selected based on merit review by a panel of experts and are subject to successful negotiation between the institution and DOD.

Yakovlev, who joined Texas A&M in 2012, has made many significant contributions to the field of optical instrumentation for biomedical sensing and imaging, including advancing the technology of ultrafast solid-state lasers, making it an indispensable tool for multiphoton microscopy, imaging and sensing.

To view the complete story, please visit the [website](#).
Collaborators Corner

“I would like to create a research effort around the issue of monitoring salt water injection wells for O&G produced water disposal. Our goal is to develop the technology to perform a mini seismic survey for faults within 2 miles of a proposed water injection well—and this is the key—do it in an environmentally acceptable manner and for less than $50,000.” — David Burnett, GPRI Department of Petroleum Engineering, 979-845-2274, burnett@pe.tamu.edu

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.