June 17, 2015     http://teesresearch.tamu.edu/     researchnews@tees.tamus.edu

Tips/Lessons Learned in Submitting Proposals

NSF Rotator Opportunities

- Rotator Positions – [link]
- Engineering (ENG) – [Job Openings]
- Chemical, Bioengineering, Environmental, and Transport Systems (CBET) also plans to offer the following: Program Director for Chemical and Biological Separations – [Link to program description].

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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](http://teesresearch.tamu.edu).

**Limited Submission**  
W.M. Keck Foundation Keck Research Program – Email of Intent Due June 24, 2015; Internal Proposal Due July 1, 2015

**Limited Submission**  
NIH-NIGMS Bridges to the Baccalaureate (R25) – Email of Intent Due June 26, 2015; Internal Proposal Due July 3, 2015

**Limited Submission**  
NIH-NIGMS Bridges to the Doctorate (R25) – Email of Intent Due June 26, 2015; Internal Proposal Due July 3, 2015

**Limited Submission**  
NIH-NIGMS Institutional Research and Academic Career Development Awards (IRACDA) (K12) – Email of Intent Due June 29, 2015; Internal Proposal Due July 2, 2015

**Limited Submission**  
Searle Scholars Program – Email of Intent Due July 15, 2015; Internal Proposal Due July 22, 2015

**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
DARPA
Make-It (link)

DHS
National Collaborative for Bio-Preparedness (NCB-P) (link)

DOD – U.S. Army Engineer Research and Development Center (ERDC)
2015 Broad Agency Announcement (link)

DOE – Office of the Energy Efficiency and Renewable Energy (EERE)
Alternative Fuel and Advanced Vehicle Procurement Aggregating Initiatives – Amendment and Webinar Information (June 17, 2015) (link)

NASA
NASA ARMD SBIR Online Market Research Sessions (link)

NIH
Limited Submission NIH-NIGMS Institutional Research and Academic Career Development Awards (IRACDA) (K12) (link)
Limited Submission NIH-NIGMS Bridges to the Baccalaureate (R25) (link)
Limited Submission NIH-NIGMS Bridges to the Doctorate (R25) (link)

NIST
Professional Research Experience Program – Material Measurement Laboratory (PREP-MML) (link)

NSF
Limited Submission NSF Research Experiences for Teachers (RET) in Engineering and Computer Science (link)
NSF/DOE Partnership in Basic Plasma Science and Engineering (link)

Searle Scholars Program
Limited Submission Searle Scholars Program (link)

W.M. Keck Foundation
Limited Submission Keck Research Program (link)

Request for Information

NIH
Request for Information (RFI): Innovative Approaches to Technology Development for the Biomedical Research Community (link)
**Upcoming Events**

See also [http://teesresearch.tamu.edu/events/](http://teesresearch.tamu.edu/events/) for a complete listing and links to handouts/presentations

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**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.

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**Register Now!**

**Informational Meeting for NSF Engineering Research Centers (ERC)**

*July 1, 2015*

8:30 a.m. – 10 a.m.

Williams Administration Building, Room 310

Breakfast provided.

[Registration required](#)

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**Register Now!**

**DARPA – Wait, What? A Future Technology Forum**

*September 9-11, 2015*

St. Louis, MO

[Information](#)

[Registration required](#)

**Description:** Held at The America’s Center Convention Complex in St. Louis, Missouri, this forum on future technologies will be a fast-paced gathering at which world-renowned thinkers and innovators from inside and outside DARPA will offer perspectives on where today’s advances are heading. Through a variety of channels, everyone will be encouraged to help extend those ideas further into the future. In addition to plenary sessions focused on topics of broad import and interest, Wait, What? will offer multiple themed breakout sessions, allowing participants to dive more deeply into particular topics. An exhibit area will feature displays describing a selection of DARPA programs that reflect the breadth of the agency’s work and range of its performers.
Hasan receives Faculty Enhancement Award

Dr. M. M. Faruque Hasan, assistant professor in the Artie McFerrin Department of Chemical Engineering at Texas A&M University, has been awarded the Ralph E. Powe Junior Faculty Enhancement Award from Oak Ridge Associated Universities (ORAU).

Hasan will use the award to research accurate and efficient characterization of gas adsorption inside microporous materials (zeolites and metal-organic frameworks) for energy applications, such as methane separation and storage, carbon capture and hydrogen separation.

“This award is substantial because it comes with a significant prestige due to its rigorous peer-review and selection process,” said Hasan. “The award will also enhance my research for the design and discovery of novel materials and processes for energy applications.”

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

Benedict wins 2015 DURIP Grant

Dr. Moble Benedict, assistant professor in the Department of Aerospace Engineering at Texas A&M University, has received a 2015 Defense University Research Instrumentation Program (DURIP) grant from the Army Research Office for his proposal titled “Instrumentation for Performance, Blade-Loads and Flowfield Measurement of Novel Hover-Capable Meso-Scale Aerial Platforms.” Benedict directs the recently founded Advanced Vertical Flight Lab (AVFL), which focuses on the development of the next generation of vertical take-off and landing capable aircraft concepts.
This grant will provide $110,000 toward the development of a state-of-the-art micro air vehicle test facility at AVFL. This fully instrumented facility will be capable of measuring not only the fixed-frame hub loads, but also the blade airloads/surface pressure distribution in the rotating frame and the unsteady flowfield.

The test rig will be designed to have the resolution and bandwidth to accurately measure low-magnitude/high-frequency airloads and also resolve highly unsteady/vortex-dominated velocity field, which are typical of these small-scale hovering concepts such as cycloidal rotors and flapping wings. Once developed, the facility will be a significant step in the direction toward the development of next-generation meso-scale hover-capable aerial robotic platforms for Army and Department of Defense applications.

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

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**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.

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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.