Funding Opportunities
For previous funding opportunities, see
http://teesresearch.tamu.edu/funding-opportunities/

TEES Research Development – Proposal Development Assistance
If you are working on a multidisciplinary and/or multi-university proposal and would like to use the services of TEES Research Development, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least four weeks prior to the due date and after successfully negotiating the white paper or preproposal stage.

SPECIAL NOTICE:
If you were invited to submit a full MURI proposal, please contact Dr. Laurie Garton (lsgarton@tamu.edu) immediately for proposal assistance.

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 Network for Computational Nanotechnology (NCN) Supporting the Next Phase of NCN Nodes Programs – Email of Intent Due September 16, 2016; Internal Proposal Due September 23, 2016
Limited Submission NIH Academic-Community Partnership Conference Series (R13) – Email of Intent Due September 19, 2016; Internal Proposal Due September 26, 2016
Limited Submission National Science Foundation Research Traineeship (NRT) Program – Email of Intent Due September 15, 2016; Internal Proposal Due September 21, 2016
Limited Submission CPRIT High-Impact/High-Risk Research Awards – Email of Intent Due September 21, 2016; Internal Proposal Due September 28, 2016
Limited Submission CPRIT Core Facilities Support Awards – Email of Intent Due September 30, 2016; Internal Proposal Due October 3, 2016

DOD
Broad Agency Announcement Spectrum Collaboration Challenge: Collaborative Intelligent Radio Networks (SC2:CIRN) (link) – Due September 2, 2016 – Multiple awards of up to $2,000,000 per team over 3 Phases: Up to $500,000 for the first Phase award; Up to $750,000 per Phase for Phases 2 and 3.
Department of the Treasury

**RESTORE Act Centers of Excellence Research Grants Program (link)** – Due December 2, 2016 – The total funding available for eligible activities under the Centers of Excellence Research Grants Program is dependent upon amounts in the Trust Fund.

The National Academies of Sciences, Engineering, and Medicine

**The U.S.-Egypt Science and Technology Joint Fund Collaborative Research Grants (link)** – Due September 27, 2016, at 11:59 p.m. Cairo time – Grants intended to foster research collaboration between Egyptian and U.S. scientists; Up to $200,000 USD maximum each side; Up to two to three years in duration

NIH

**Big Data to Knowledge (BD2K) Community-Based Data and Metadata Standards Efforts (R24) (link)** – Revised Due Dates: Due November 9, 2016; October 19, 2017 – Application budgets are limited to $250,000 direct costs per year and must reflect the actual cost of the proposed project.

**Health Promotion Among Racial and Ethnic Minority Males (R01) (link)** – Standard Due Dates: February 5, June 5, October 5 – Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Strategic Alliances for Medications Development to Treat Substance Use Disorders (R01) (link)** – LOI Due 30 Days Prior to Application Due Date; Due March 27, 2017; July 25, 2017; March 27, 2018; July 25, 2018; March 27, 2019; July 25, 2019 – Application budgets for direct costs may be up to $3,000,000 per year, but need to reflect the actual needs of the proposed project.

**Grand Opportunity in Medications Development for Substance-Use Disorders (U01) (link)** – LOI Due 30 Days Prior to Application Due Date; Due March 27, 2017; July 25, 2017; March 27, 2018; July 25, 2018; March 27, 2019; July 25, 2019 – Application budgets are limited to $5 million per year for direct costs.

**The Role of Dysbiosis in Cardiovascular, Pulmonary and Hematological Complications During HIV Infection (R01) (link)** – LOI Due October 8, 2016; Application Due November 8, 2016 – Application budgets are limited to a maximum of $310,000 direct costs in any year. Budgets need to reflect the actual needs of the proposed project.

NSF

**Smart and Connected Health (link)** – Full Due December 8, 2016 – Total Amount Available $11,000,000 - $20,000,000

**Small Business Innovation Research Program Phase I (SBIR) December 2016 Submission (link)** – Full Due December 6, 2016 – Up to $225,000

**Small Business Technology Transfer Program Phase I (STTR) December 2016 Submission (link)** – Full Due December 6, 2016 – Up to $225,000

**Science of Learning (SL) (link)** – Full Due January 18, 2017 – PD 16-004Y

**Office of Cross-Cutting Activities in Materials Research (XC) (link)** – Full proposal accepted anytime. Submissions made in April or later will normally only be considered for funding in the next fiscal year (which starts Oct. 1). – PD 16-7222

**Environmental Engineering (link)** – Full Due October 20, 2016 – PD 16-1440
Catalysis (link) – Full Due October 20, 2016 – PD 16-1401
Energy for Sustainability (link) – Full Due October 20, 2016 – PD 16-7644
Biotechnology and Biochemical Engineering (link) – Full Due October 20, 2016 – PD 16-1491
Biological and Environmental Interactions of Nanoscale Materials (link) – Due October 20, 2016 – PD 16-1179

Simons Foundation
Simons Early Career Investigator in Marine Microbial Ecology and Evolution Awards (link) – LOI Due November 7, 2016 – Grants will be for $180,000 USD per year, including indirect costs (limited to 20 percent of modified total direct costs), for a period of three years, subject to annual reviews and continuation of research in areas relevant to the purpose of this program.

Notices of Intent/Requests for Information
DOE Request for Information: H2 at Scale (Hydrogen at Scale): Determining Research, Development, and Demonstration (RD&D) Necessary for Clean Hydrogen Production to Enable Multisectoral Deep Decarbonization (link) – Responses Due November 4, 2016
DOE Request for Information: Miscellaneous Electric Loads (MELs) Energy Efficient Research and Development (link) – Responses Due October 3, 2016

Awards/Fellowships
DOE Office of Science Graduate Student Research (SCGSR) Program (link) – Due November 21, 2016 – Awardees are eligible to receive a monthly stipend in the amount of up to $3,000 for general living expenses while at the host DOE laboratory during the award period. Awardees are eligible to be reimbursed for their in-bound and out-bound travel expenses to the host DOE laboratory. The reimbursement applies to transportation costs only (i.e., not other relocation costs) and is limited to a total travel benefit of up to $2,000 per award.
Microsoft PhD Fellowship Program (link) – Due October 10, 2016 – The fellowship recipient award will cover 100 percent of the tuition and fees for two academic years (2017–18 and 2018–19). A stipend is provided to help cover living expenses while in school (US$28,000 for 2017–18 and US$28,000 for 2018–19). A conference and travel allowance is provided for recipients to attend professional conferences or seminars (US$4,000 for 2017–18 and US$4,000 for 2018–19).
Department of Justice Graduate Research Fellowship Program in Science, Technology, Engineering and Mathematics (link) – Due November 21, 2016 – For each year of support, NIJ provides the degree-granting institution a stipend of $35,000 usable toward the student’s salary and related costs, and up to $15,000 to cover the student’s tuition and fees, research expenses, and related costs.
NASA Space Technology Research Fellowships (NSTRF) - Fall 2017 (link) – Phase A Applications from Students Due November 3, 2016; Phase B Proposals from Universities Due May 19, 2017 (target) – Fellowships are awarded as training grants. The maximum amount of an NSTRF award issued as a result of this solicitation is $74,000 per year. Not all awards will require the maximum amount per year.
ASCE O.H. Ammann Research Fellowship (link) – Due November 1, 2016 – $5,000
IEEE Microwave Theory and Techniques Society Graduate Fellowships [link] – Due November 30, 2016 – $5,000

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**Proposers Days/Webinars**

**Co-Optimization of Fuels and Engines (Co-Optima)—National Lab Project Overview Webinar**  
September 14, 2016  
1:30 p.m. - 3:30 p.m.  
[Information and Registration](#)

**Common Heterogeneous Integration and IP Reuse Strategies (CHIPS) Proposers Day**  
September 19, 2016  
8:00 a.m. - 5 p.m. ET  
Westin Tysons Corner, Falls Church, VA  
[Information](#)

**Microsystems Technology Office Proposers Day and Webcast**  
September 20, 2016  
8:30 a.m. - 6:00 p.m. EDT  
DARPA Conference Center, Arlington VA  
[Information](#) – Registration is required.

**ADVANCE Partnerships Pre-proposal Technical Assistance Webinar**  
September 21, 2016  
1:00 p.m. - 2:00 p.m.  
[Information and Registration](#)

**Safe Genes Proposers Day**  
September 30, 2016  
8:30 a.m. - 5:00 p.m. ET  
United States Institute of Peace, Washington, DC  
[Information and Registration](#)

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

TEES Research Development

We will post upcoming events as they are announced
Other Opportunities

Special Seminar: “Conversations with an NIAID Program Officer”
September 15, 2016
9 a.m. - 10:15 a.m.
Health Professions Education Building (HPEB) LL46
Texas A&M Health Science Center Campus on SH 47

Write Winning NIH Grant Proposals
September 22, 2016
8:30 a.m. - 4:30 p.m.
Rudder Tower, Room 601
Information and Registration

NIH Grant Proposal-Writing Program
Sept. 2016 - May 2017
Information

Writing Successful Proposals Workshop Part 1
September 28, 2016
1:00 p.m. - 4:00 p.m.
Henderson Hall, Room 103
Information – Registration to come

Creating Assessments and Evaluation Plans (Fall 2016) – Online Course from the Center for the Integration of Research, Teaching and Learning (CIRTL)
October 4 - November 15, 2016 (Every Tuesday)
11:00 a.m. - 12:30 p.m.
Information and Registration – Registration is open August 1 through September 20. Open to Graduate Students, Postdocs, Faculty, and Staff.

Demystifying the NSF! Workshop
October 4, 2016
1:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Information – Registration now available

NSF Broader Impacts Workshop
October 17, 2016
2:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Information – Registration now available

Collaborative Research in Neuroscience – Engineering and Health Science Symposium Series (EHSSS)
October 21, 2016
8 a.m. - 6 p.m.  
Rudder Tower, Room 601  
**Information, Abstract Submission/Deadline and Registration**

**Imaging Science Spotlight Series** – Invited talk by Dr. W.E. Moerner, Recipient of 2014 Nobel Prize in Chemistry, Poster Contest, and Networking Session  
October 26, 2016  
1:00 p.m. - 6:00 p.m.  
ILSB Auditorium and Lobby  
**Information**

**Fall 2016 NIH Regional Seminar**  
October 26-28, 2016  
Chicago, IL  
Palmer House Hilton Hotel  
**Registration and Information**

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**Research News**

**Texas A&M Researchers Study Next Generation Implanting Materials with Titanium-gold Compound**

According to the American Academy of Orthopedic Surgeons, two of every 100 Americans have an artificial joint where the ends of bones are removed or resurfaced and replaced with plastic, ceramic or metals. Titanium and ceramics such as alumina [aluminum oxide] and zirconia [zirconium oxide] account for most artificial joints.

Dr. Hong Liang, professor in the Department of Mechanical Engineering and affiliated faculty in the Department of Materials Science and Engineering at Texas A&M University, along with her graduate student, M. Fezvi Ozaydin, have been studying a titanium-gold compound that is four times stronger than titanium and most steel alloys.

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

**Understanding Critical Stress Conditions with Reservoir Modeling**

A significant increase in small-scale seismic activities has taken place in Texas since 2010. Although many of these activities are not ‘felt’ or cause damage, it is important to know the cause for such an increase.

Dr. Akhil Datta-Gupta, University Distinguished Professor in the Harold Vance Department of Petroleum Engineering at Texas A&M University, is leading a project to model reservoir behavior and in-situ stress conditions near faults. Datta-Gupta’s efforts might determine if well activities such as fluid injection and production near a fault have a potential link with
earthquakes, and his goal is to find the range of oil and gas operating conditions and geologic subsurface parameters that can lead to earthquake activities.

To view the complete story, please visit the website.

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.