Funding Opportunities

http://tees.tamu.edu/researchsupport/funding/

TEES Research Development – Proposal Development Assistance

Assistance for Junior Faculty
If you are junior faculty and would like help in submitting a proposal, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least 4 weeks before your proposal is due. For the most assistance, please contact her 2-3 months in advance.

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.

New Opportunities and Resources

Junior Faculty Proposal Writing Academy – The TEES Research Development group and the Division of Research’s Research Development Services office have partnered to create the Junior Faculty Proposal Writing Academy. For more information, please visit http://jfa.tamu.edu/.

Facilities – A list of facilities for each department in the College of Engineering is available at http://tees.tamu.edu/researchsupport/resources/facilities/. Faculty can use this list in creating facilities statements for multi-PI proposals.

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 Cancer Prevention & Research Institute of Texas (CPRIT) High-Impact/High-Risk Research Awards – Email of Intent Due October 3, 2017; Internal Proposal Due October 10, 2017
Limited Submission Cancer Prevention & Research Institute of Texas (CPRIT) Core Facilities Support Awards – Email of Intent Due October 10, 2017; Internal Proposal Due October 17, 2017

Texas A&M University, Texas A&M Health Science Center, Texas A&M Engineering Experiment Station and Texas A&M AgriLife Research

Research Development Fund (link) – Fall 2017 Deadlines Extended: Cover Page Summary Due September 22, 2017; Full Due October 23, 2017; Spring 2018 Deadlines: Cover Page Due February 2018; Full Due March 2018

TAMU Division of Research and São Paulo Research Foundation (FAPESP)


DOD

DARPA Young Faculty Award (link) – Executive Summary Due October 2, 2017; Full Due December 4, 2017 – Each award will include a 24-month base period (a maximum of $500,000) and a 12-month option period (a maximum of $500,000). Please note: To be eligible for the DARPA YFA, the PIs can be untenured tenure-track Assistant Professors, but also tenured Associate Professors within 3 years of their tenure appointment.

Silicon Carbide High-Voltage Power Switches (link) – Applicants are to submit proposals in accordance with the submission instructions under BAA W911NF-17-S-0003, Section II.D, no later than 6 October 2017. – The total amount for all awards is anticipated to be approximately $2,000,000.00 per year for up to three years subject to available funds.

Silicon Carbide Advanced Packaging of Power Semiconductors II (link) – In order to be eligible for a cooperative agreement under this program, applicants must submit proposals in accordance with the submission instructions under BAA W911NF-17-S-0003, Section II.D no later than 6 October 2017. – The total amount for all awards is anticipated to be approximately $2,500,000.00 per year for up to three years subject to available funds.

DARPA Active Social Engineering Defense (ASED) (link) – Abstract Due September 19, 2017; Proposal Due November 9, 2017 – DARPA anticipates multiple awards under this solicitation.

NSWC – Crane Time-Varying Nuclear Decay Parameters (link) – Full Due October 6, 2017 – Estimated Award: $80,000. The Government may make multiple awards. The amount of resources made available to this BAA will depend on the quality of the proposals received and the availability of funds.

Defense Intelligence Agency DIA INNOVATION Agency-Wide (link) – BAA Open until November 26, 2018, to be reviewed annually; Step I: White papers will be accepted throughout the BAA Open Period – Multiple awards are anticipated although no commitments or promises are made in this regard. It is anticipated that awards will also be made by other Agencies in addition to DIA.

ONR National Oceanographic Partnership Program (NOPP) 2018 Broad Agency Announcement (link) – LOI for Topic 3 Due October 16, 2017 with the Full Due January 29, 2018 – Topic 1: Individual Award Amount Range: $150,000 per year; Topic 2: Individual Award Amount Range: Up to $500,000 per year; Topic 3: Individual Award Amount Range: Up to $500,000 per year
DOE

Generation 3 Concentrating Solar Power Systems (Gen3CSP) (link) – Concept Paper Due November 3, 2017; Full Due January 19, 2018 – EERE expects to make $62 million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 8-12 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $0.5 and $35 million.

Advanced Power Electronics Design for Solar Applications (link) – Concept Paper Due October 12, 2017; Full Due December 15, 2017 – EERE expects to make approximately $20 million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 10-15 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $0.5 and $3 million.


Griffiss Institute

Visiting Faculty (link) – Faculty are selected through national competitions by proposing research tasks in response to research topics that are posted on two websites and nationally distributed to U.S. academic institutions. Accepted faculty may have the option to sponsor one or more graduate students from their university to assist them in their research.

NASA

Cooperative Agreement Notice (CAN) 2017 Dual Use Technology Development at NASA John C. Stennis Space Center (link) – Open until September 30, 2017; NOI required – NASA plans to fund projects in FY2017 at approximately $25,000 to $75,000 per project with a period of performance of 12 months.

NIH

NIAID Research Education Program (R25) (link) – LOI Due November 6, 2017; Application Due December 6, 2017 – Application budgets need to reflect the actual needs of the proposed project and are limited to $325,000 direct costs/year for each award.

Development of a Device to Objectively Measure Pain (SBIR R43/R44) (link) – 30 Days Prior to Application Due Date; Application Due December 5, 2017 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

Development of a Device to Objectively Measure Pain (STTR R41/R42) (link) – 30 Days Prior to Application Due Date; Application Due December 5, 2017 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

NSF
NSF/Intel Partnership on Foundational Microarchitecture Research (FoMR) (link) – Full Due January 12, 2018 – Approximately 6 awards are anticipated, each up to $500,000 and up to 3 years in duration, subject to the availability of funds and quality of proposals received.

Small Business Technology Transfer Program Phase I (STTR) (link) – Full Due December 4, 2017 – Anticipated Funding Amount: $9,000,000 (estimated 40 awards pending the availability of funds) for STTR Phase I.

Small Business Innovation Research Program Phase I (SBIR) (link) – Full Due December 4, 2017 – Anticipated Funding Amount: $33,750,000 (estimated 150 awards pending the availability of funds) for SBIR Phase I.

Emerging Frontiers in Research and Innovation 2018 (EFRI 2018): Chromatin and Epigenetic Engineering (CEE) and Continuum, Compliant, and Configurable Soft Robotics Engineering (C3 SoRo) (link) – LOI Due September 29, 2017; Prelim Due October 25, 2017; Full Due February 23, 2018 – Anticipated Funding Amount: $26,000,000

Louis Stokes Alliances for Minority Participation (link) – Full Due for Bridge to the Doctorate (BD) Activity: November 3, 2017; Full Due for New and Renewal LSAMP Pre-Alliance Planning, Bridge to the Baccalaureate (B2B), STEM Pathways Implementation-Only Projects: November 17, 2017; Full Due for STEM pathways and Research Alliances: January 26, 2018; Full Due for Louis Stokes Regional Centers of Excellence in Broadening Participation: January 26, 2018 – Award Ceiling: $4,500,000

Division of Materials Research: Topical Materials Research Programs (DMR-TMRP) (link) – Full Due October 1, 2017 - November 1, 2017 – Approximately $55,000,000 pending availability of funds. Average award sizes vary greatly among Programs since they may fund different proportions of standard vs. continuing grants.

Smart and Autonomous Systems (S&AS) (link) – Due December 11, 2017 – Foundational projects are anticipated to range from $350,000 to $700,000 in total costs for up to three years. Integrative projects are anticipated to range from $500,000 to $1,400,000 in total costs for up to four years.

Advanced Technological Education (ATE) (link) – Full Due October 5, 2017 – Anticipated Funding Amount $59,000,000

Requests for Information/Notices of Intent

DOE Notice of Intent to Issue Funding Opportunity Announcement entitled FY 2017 Vehicle Technologies Office Batteries and Electrification to Enable Extreme Fast Charging Funding Opportunity Announcement (link)

DOE RFI: Solar Energy Technology Analysis & Data Needs (link) – Responses Due October 6, 2017

DOE Solar Desalination Notice of Intent (link)

IARPA Rapid Detection Nucleic Acid Signatures (RaDNAS) RFI (link) – Responses Due September 22, 2017

Student/Postdoctoral Opportunities

DOE/Argonne National Laboratory 2017 Chain Reaction Innovations (2-year postdoctoral research program) (link) – Informational webinar and Q&A on September 13, 2017 at 12 noon CST.

Griffiss Institute 2018 Summer Internship Program (link) – Cycle will open November 2017 – This is a paid summer internship opportunity for students currently enrolled in an accredited
college or university at the freshman level through PhD level (U.S. CITIZENS ONLY) to work on-site with AFRL researchers on a wide variety of research projects.

**The National Academies of Sciences, Engineering and Medicine NRC Research Associateships Programs (RAP) ([link](https://www.nationalacademies.org/nrcresearchassociateships)) – Online Application Opens September 1 with Application Deadline of November 1; Online Application Opens December 1 with Application Deadline of February 1**

**Sandia's Defense Nuclear Nonproliferation Division Interns for Security, Arms Control, and Force Protection Engineering (iSAFE) ([link](https://www.sandia.gov/iSAFE)) – See iSAFE Openings.**

**IEEE Upsilon Pi Epsilon Student Award for Academic Excellence ([link](https://www.upsilonpi.org/)) – Due October 31, 2017 – Up to four awards of $1,000 each are given each year to competition winners.**

**IEEE Lance Stafford Larson Student Scholarship Best Student Paper Contest ([link](https://www.ieee.org)) – Due October 31, 2017 – One award of $500 is given each year to the first place winner.**

**The Hydrographic Society of America (THOSA) Houston Chapter Scholarship ([link](https://www.thesociety.org)) – Due October 31, 2017 – First-year students who qualify will receive a $500 scholarship award for the first year and will be given preference in future scholarship applications from the THSOA - Houston Chapter. Second-year and higher students who qualify will receive a $1,000 (or greater) scholarship award. Second-year and higher students must have a GPA of 3.0 or higher.**

**DOE SunShot Science and Technology Policy Fellowships ([link](https://www.energy.gov)) – Applications accepted on rolling basis with two annual review dates: January 15 and June 15 – Stipend, travel allowance, health insurance supplement**

**SME Foundation J.H. Fletcher & Co. Engineering Scholarship Fund ([link](https://www.smefoundation.org)) – Applications Due October 15, 2017 – The McIntosh Engineering Scholarship is a renewable scholarship with total potential funding of $12,000 per student: $5,000 for junior year and, subject to renewal approval, an additional $7,000 for senior year.**

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**Additional Resources**

**Facilities** – A list of facilities for each department in the College of Engineering is available on the TEES Research Development website. Faculty can use this list in creating facilities statements for multi-PI proposals. **Funding Opportunities Spreadsheet** – A spreadsheet of funding opportunities from the past year’s newsletter. **Education/Broader Impacts** – A list of resources available through EASA, College of Engineering, Texas A&M, and national resources.

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**Proposers Days/Webinars**

**TEES/Hanover Research Foundation Outreach, Cultivation & Proposal Development Webinar**

September 29, 2017  
11:00 a.m. - 1:00 p.m.  
**Information and Registration** – Registration deadline is September 28, 2017.
TEES/Hanover Research Responding to Reviewer Comments & Resubmission Strategies Webinar
October 27, 2017
11:00 a.m. - 1:00 p.m.
Information and Registration – Registration deadline is October 26, 2017.

TEES/Hanover Research Creating a Timeline for Developing & Submitting a Grant Webinar
November 17, 2017
11:00 a.m. - 1:00 p.m.
Information and Registration – Registration deadline is November 16, 2017.

TEES/Hanover Research Crafting Specific Aims or Objectives Webinar
December 15, 2017
11:00 a.m. - 1:00 p.m.
Information and Registration – Registration deadline is December 14, 2017.

TEES/Hanover Research Proposal Basics (Biosketches, Budgets, Etc.) Webinar
January 26, 2018
11:00 a.m. - 1:00 p.m.
Information and Registration – Registration deadline is January 25, 2018.

Upcoming Events/Workshops
http://tees.tamu.edu/researchsupport/events/

TEES Research Development

Junior Faculty Proposal Writing Academy – To learn about this new opportunity for junior faculty, please see Research News below and visit http://jfa.tamu.edu/.

Other Opportunities

TAMU DOR 2018 NIH and NSF Grant Proposal Writing Program
This six-month program, open to all Texas A&M PI-eligible researchers, will help principal investigators develop a full, competitive proposal ready for submission to the National Institutes of Health or the National Science Foundation in 2018.

Please visit the TAMU DOR website to see the prerequisites and application process. Application deadline is October 6, 2017. Pre-proposals are due on November 9. There is a required onsite group meeting on January 24, 2018, from 8:00 a.m. -12:00 p.m. in 301 Rudder. PIs must attend the Write Winning NIH and NSF Grant Proposal Seminar on September 21-22, 2017.

TAMU DOR NIH Proposal Writing & Feedback Groups
September 13, 2017 – Application Deadline; September 18 or 19, 2017 – Orientation Meeting
Full Schedule and Application Form – Participants will prepare a submission-ready grant proposal (new or resubmission) for NIH submission deadlines in either February/March 2018 (fall semester groups) or June/July 2018 (spring semester groups).

DOE Generation 3 Concentrating Solar Power Systems Informational Webinar
September 19, 2017
Information and Registration

TAMU 2nd Annual Postdoctoral Research Symposium
September 20, 2017
12:00 p.m. - 6:00 p.m.
Thomas G. Hildebrand, DVM ’56 Equine Complex Auditorium
Information and Registration – The abstract submission deadline is August 15, 2017.

DOE Advanced Power Electronics Design for Solar Applications Informational Webinar
September 21, 2017
Information and Registration

TAMU DOR Write Winning NIH and NSF Grant Proposals Seminar
September 21-22, 2017
601 Rudder
Information and Registration – Three sessions are being offered. Registered attendees will receive a free copy of The Grant Application Writer’s Workbook, NIH or NSF version.

Keeping Data Science Broad: Alternative Avenues for Development of Data Science Education Capacity Webinar (South BD Hub)
September 22, 2017
Details upcoming
Information and Link to Webinar – Scroll to bottom of page.

DOE Technology Development and Innovation for Addressing Wind Wildlife Operational Challenges Informational Webinar
September 25, 2017
12:00 p.m. - 1:00 p.m.
Information and Registration

Keeping Data Science Broad: Workshop on Negotiating the Digital and Data Divide Workshop (South BD Hub)
October 2017
Atlanta, Georgia
Information – The workshop is by invitation only.

TAMU DOR Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation, and Review Process
October 3, 2017
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

Defense Innovation Technology Acceleration Challenges Co-Located with SBIR/STTR Innovation Summit
October 3-5, 2017
Tampa Convention Center, Tampa, Florida
Information and Registration

TAMU DOR Writing Successful Proposals
October 18, 2017
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

2nd IEEE International Conference on Communication and Electronics Systems (ICCES 2017)
October 19-20, 2017
Hotel Arcadia, Coimbatore, India
Information and Registration

2017 NIH Regional Seminar
October 25-27, 2017
Renaissance Baltimore Harborplace Hotel, Baltimore, Maryland
Information and Registration – A waitlist is available for a limited time.

Texas Energy Summit – CATEE 2017
November 13-15, 2017
Dallas/Plano Marriot at Legacy Town Center, Plano, Texas
Information and Registration – Applications Due October 15, 2017

NASA Aerospace Battery Workshop
November 14-16, 2017
Holiday Inn – Research Park, Huntsville, AL
Information and Registration – Deadline for registration and abstracts is November 3, 2017

DTRA 2017 Chemical and Biological Defense Science & Technology (CBD S&T) Conference
November 28-30, 2017
Long Beach Convention Center, Long Beach, CA
Information and Registration – The registration deadline is November 3, 2017.
Dear CISE Community:

Our thoughts are with all those affected by Hurricane Harvey and its aftermath. We want to take this opportunity to share important information posted by NSF, which includes a notice announcing NSF’s intent to extend proposal submission and other administrative deadlines for those affected (also included below), as well as a Dear Colleague Letter calling for research to address the challenges related to this storm.

For those affected by Harvey, we in CISE want to assure you that we are prepared to be as flexible and accommodating as possible. NSF plans to extend the end dates of existing awards to institutions in the disaster area for awards that are scheduled to expire before October 1, 2017. There are also a number of CISE programs with forthcoming submission windows/deadlines before October 1, 2017, and we want to encourage those of you who were planning to submit proposals to those programs and affected by Harvey to contact your Program Director to discuss the timing of your submission as soon as practicable. CISE-led programs with forthcoming submission windows/deadlines before October 1, 2017, include:

− Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications
− Core Programs Medium and Large Projects: Computer and Network Systems, Computing and Communication Foundations, Information and Intelligent Systems

There are other NSF programs with forthcoming submission windows/deadlines before October 1, 2017, to which CISE principal investigators may be interested in submitting; again, please contact the cognizant Program Director(s).

If you have any questions, please don’t hesitate to reach out to your cognizant Program Directors. We are committed to supporting the outstanding science, engineering, and education research efforts from the CISE community and, as always, look forward to working with you.

Sincerely,

Jim and Erwin
Jim Kurose, Assistant Director (AD) of NSF for CISE
Erwin Gianchandani, Deputy AD of NSF for CISE

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The text of the NSF notice from France A. Córdova, Director, is copied below for your ease:

September 1, 2017

Important Notice to Presidents of Universities and Colleges and Heads of Other National Science Foundation Grantee Organizations

The National Science Foundation and its staff are deeply concerned for the people and institutions in the areas affected by Hurricane Harvey and its aftermath.
Those of you in the impact area who are served by NSF can be assured that you have our support. We are taking immediate steps to provide assistance to current and potential awardees who are directly affected, and we are prepared to be as flexible, accommodating, and creative as possible in addressing your needs. We understand that the health and safety of you and your loved ones are your top priority, and will work to ensure that proposal submission and other administrative deadlines are extended in order to allow you to focus on more immediate concerns.

NSF will do everything possible to ensure continuity of the research and education projects that we support, and we also will provide frequent updates – on our website and by e-mail to investigators and their institutions – concerning procedures to achieve that goal.

In the short term, NSF will extend the end dates of existing awards to institutions in the disaster area for awards that are scheduled to expire before October 1, 2017. That being said, it is vital that each investigator contact his or her Program Officer as soon as feasible to discuss how each NSF-supported project has been impacted. This is a necessary step in any further action that NSF may take with respect to funding. Program Officers stand ready to hear from you and support your needs.

We also have established an email address – harvey@nsf.gov – for inquiries by institutions, faculty and students on NSF awards for issues related to Hurricane Harvey.

The Foundation will be posting updated information regarding specific, timely, and relevant research assistance opportunities on NSF.gov. We encourage you to visit the site regularly. Again, our thoughts are with all of those affected by Harvey.

**DARPA Looks to Move Beyond Moore’s Law (from Defense Systems website)**

DARPA recently announced that its Electronics Resurgence Initiative seeks to move beyond Moore's Law chip scaling. Among the new fronts to be opened by the defense agency are extending GPU frameworks that underlie machine-learning tools to develop “reconfigurable physical structures that adjust to the needs of the software they support.” Read more about it on the Defense Systems website.

**Industry Expected to Advance Army-led Research Initiative (from the Phys.org website)**

Work to develop small autonomous robots through a 10-year effort led by the U.S. Army Research Laboratory is helping to inform the development of future swarms of heterogeneous Army systems for air and ground—large and small—that work collaboratively. Read more about it on the Phys.org website.

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