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.

Also, see Junior Faculty Opportunities below.

**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.

**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** *Johnson & Johnson WiSTEM2D Scholars Award* – Email of Intent Due August 22, 2018; Internal Proposal Due August 24, 2018

**Limited Submission** *NSF Research Traineeship (NRT) Program* – Email of Intent Due September 7, 2018; Internal Proposal Due September 14, 2018

Look for the following categories to help you scan the funding opportunities faster:

- New = New posting
- JF = Junior Faculty Opportunities
- R = Repost from a previous Engineering Research Digest

DOD
DARPA Young Faculty Award (link) – Executive Summary Due September 10, 2018; Full Due November 13, 2018 – Multiple awards are anticipated. 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).

DARPA Program Announcement for Artificial Intelligence Exploration (AIE) (link) – Due July 20, 2019 – Multiple awards are anticipated. The amount of resources made available under each AIE Opportunity issued under DARPA-PA-18-02 will depend on the quality of the proposals received and the availability of funds.

Naval Engineering Education Consortium (NEEC) Broad Agency Announcement for FY18 (link) – Full Due October 31, 2018 – Awards made from this BAA plan to be approximately $150,000. (Please see attached Word document.)

Naval Air Warfare Center Aircraft Division (NAWCAD) Office-Wide (link) – This announcement will remain open for one (1) year from the date of publication, or until replaced by a successor BAA. Proposals may be submitted at any time during this period. – Multiple awards are anticipated. The level of funding for individual awards made under this solicitation have not been predetermined and will depend on the quality of the white papers received and the availability of funds.

DARPA Biological Technologies (link) – Proposal Abstracts and Full Proposals will be submitted on a rolling basis until April 25, 2019 – Multiple awards are possible. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

Broad Agency Announcement for the Army Rapid Capabilities Office (link) – Due March 23, 2023; Open continuously for the next 5 years – In anticipation, but not limited to, three to twelve month period of performance awards, with dollar amounts ranging from $500,000 to $2,000,000 may be expected.

DTRA Fundamental Research to Counter Weapons of Mass Destruction Amendment 7 (link) – Due September 30, 2019 – Grants resulting from submissions to Thrust Areas 1-7, including topics associated with these thrust areas, may range from small dollar value (e.g., $25K) up to $1M annually (total, including both direct and indirect costs) depending on the nature and the scope of work.

High Intensity Thermal Exchange Through Materials and Manufacturing Processes (HITEMMP) (link) – Concept Papers Due September 12, 2018; Full TBD – Approximately $25 million, subject to the availability of appropriated funds. ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $1 million and $10 million.

High Intensity Thermal Exchange Through Materials and Manufacturing Processes (HITEMMP) (SBIR/STTR) (link) – Concept Papers Due September 12, 2018; Full TBD – Approximately $10 million, subject to the availability of appropriated funds. ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $225,000 and $3.225 million.

Innovative Design Concepts for Standard Modular Hydropower and Pumped-Storage Hydropower (link) – Concept Papers Due September 28, 2018; Full Due November 30, 2018 – EERE expects to make approximately $9,000,000 of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates
making up to 14 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $500,000 to $1,250,000.

IARPA

**Molecular Analyzer for Efficient Gas-phase Low-power INterrogation (MAEGLIN) Phase 2** ([link](#)) – Proposal Due September 10, 2018 (initial round); BAA Closing Date December 31, 2018 – Multiple awards are anticipated. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

Johnson & Johnson

**New JF Limited Submission WiSTEM2D Scholars Award ([link](#))** – Applications Open September 4 - September 25, 2018 – The Scholars Award is a three-year award in the gross amount of $150,000, which will be paid to the University (the “Recipient”) for the benefit of the Johnson & Johnson Scholar and her research, with the understanding that the Recipient will administer the funds. The Scholars Award will be paid in three (3) installments of U.S. $50,000 per year of the three-year scholarship period, payable in 2019, subject to compliance with the terms and conditions of the program’s Agreement. **Note:** The Scholars Program is open to non-tenured females who are in Associate or Assistant Professor / Lecturer or Senior Lecturer or global equivalent faculty positions at the time of application at an accredited academic university, institution or design school.

NIH

**New NLM Research Grants in Biomedical Informatics and Data Science (R01 Clinical Trial Optional)** ([link](#)) – Standard Due Dates: February 5, June 5, October 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets are limited to $250,000 per year in direct costs and need to reflect the actual needs of the proposed project.

**Wearable Alcohol Biosensors (STTR) (R41/R42- Clinical Trial Optional)** ([link](#)) – Standard Due Dates: September 5, January 5, April 5 – 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.

**Wearable Alcohol Biosensors (SBIR) (R43/R44- Clinical Trial Optional)** ([link](#)) – Standard Due Dates: September 5, January 5, April 5 – 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.

**NIH Director's Pioneer Award (DP1 - Clinical Trial Optional)** ([link](#)) – Due September 14, 2018. Research must reflect substantially different scientific directions from those already being pursued in the investigators research program or elsewhere. – NIH intends to commit approximately $8,000,000 in FY 2019 to fund approximately 7 awards. Awards will be for $700,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs. The project period is limited to five years.

NSF

**New Dear Colleague Letter: Revision of CISE Research Infrastructure (CRI) Program ([link](#))**

**New Dear Colleague Letter: Announcing a Core Program within the Division of Computing and Communication Foundations ([link](#))**
CMMI *Advanced Manufacturing (AM)* ([link](#)) – Full Proposals Accepted Anytime – PD 19-008Y

*United States-Israel Binational Science Foundation Call for Proposals in a Joint NSF-BSF Program in Chemical Engineering and Energy* ([link](#)) – Full Due October 20, 2018 to NSF – The US PI submission to the NSF MUST include the BIOGRAPHY (in the NSF format), BUDGET (in the BSF format) of the Israeli partner and a collaboration plan as part of the auxiliary material.

ECCS *Energy, Power, Control, and Networks (EPCN)* ([link](#)) – Full Proposal Accepted Anytime – PD 18-7607

**Requests for Information/Notices of Intent**

*Army Request for Information: Leveraging Data within the Federal Interagency Traumatic Brain Injury Research (FITBIR) Informatics System to Identify Actionable Insights for the Diagnosis, Management and Treatment of TBI* ([link](#)) – Responses Due September 15, 2018

This section contains resources, funding opportunities and seminars, events, and workshops of special interest to junior faculty. See *Seminars/Events/Workshops* below for more offerings.

**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/young-investigator-programs/](http://tees.tamu.edu/researchsupport/young-investigator-programs/)

Young Investigator Programs are for junior faculty who are untenured, Assistant Professors. Resources are available including CAREER/YIP workshops and seminars, proposal assistance, writing resources, and junior faculty targeted funding opportunities.

**Junior Faculty Targeted Funding Opportunities** – This spreadsheet contains numerous funding opportunities for junior faculty in Engineering.

**Young Investigator Awards** – This spreadsheet lists early career and young investigator awards (general list).

**Funding Opportunities**

*New JF* **DARPA Young Faculty Award** ([link](#)) – Executive Summary Due September 10, 2018; Full Due November 13, 2018 – Multiple awards are anticipated. 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).

*New JF* **Limited Submission Johnson & Johnson WiSTEM2D Scholars Award** ([link](#)) – Applications Open September 4 - September 25, 2018 – The Scholars Award is a three-year award in the gross amount of $150,000, which will be paid to the University (the “Recipient”) for the benefit of the Johnson & Johnson Scholar and her research, with the understanding that the Recipient will administer the funds. The Scholars Award will be paid
in three (3) installments of U.S. $50,000 per year of the three-year scholarship period, payable in 2019, subject to compliance with the terms and conditions of the program’s Agreement. **Note:** The Scholars Program is open to non-tenured females who are in Associate or Assistant Professor / Lecturer or Senior Lecturer or global equivalent faculty positions at the time of application at an accredited academic university, institution or design school.

**Seminars/Events/Workshops**

*Future Seminars/Events/Workshops will be posted here.*

**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/](http://jfa.tamu.edu/).

**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.  
**NSF Broader Impacts Expo List of Resources** – A list of the organizations and resource representatives who participated in the NSF Broader Impacts Seminar and Expo.  
**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.

**Proposers Days/Webinars**

*(All times Central unless otherwise noted)*

**TEES/Hanover Research Foundation Outreach and Cultivation Webinar**
August 24, 2018  
11:00 a.m. - 1:00 p.m. CST  
Information and Registration

**DOE Innovative Design Concepts for Standard Modular Hydropower and Pumped-Storage Hydropower Webinar**
Information  
FOA Informational Webinar – September 5, 2018 – 12:30 p.m. EST – [Registration](#)  
Standard Modular Hydropower Resources Webinar (Topic Area 1 Only) – September 6, 2018 – 1:00 p.m. EST – [Registration](#)

**Seminars/Events/Workshops for All Faculty**
Apply and Register Today

NASA iTech Ignite the Night (For more information, see Research News below)
August 27, 2018
6:00 p.m. - 9:00 p.m.
Station Houston, 1301 Fannin Street #2440, Houston, TX
Information and Registration – Application Deadline is August 17, 2018; Registration Deadline is August 20, 2018.

3rd Annual Texas A&M University Postdoctoral Research Symposium
September 19, 2018
12:00-6:00 p.m.
Thomas G. Hildebrand Equine Complex
Abstract Submission and Registration – Abstracts Due August 29, 2018; Registration Ends September 3, 2018. For more information, contact Shannon Eyre at seyre@tamu.edu.

September 24-26, 2018
Memorial Student Center
Information and Registration

NSF Coastlines and People (CoPe) Scoping Sessions
September 26-28, 2018
Information – There will be 3 live (San Diego, Chicago and Atlanta) and 1 virtual workshop. The application deadline is August 12, 2018.

NSF Grants Conference
November 8-9, 2018
New Orleans, LA
Information and Registration – Registration will open September 6 at 12:00 p.m. ET. It will sell out quickly.

Research News

Apply and Register Now to be a Presenter at NASA’s iTech Ignite the Night

Would you like to see if your new technology or idea might be useful to NASA? Get advice from NASA and industry experts? Meet with capital investors? Or would you like to be in the audience to hear these new ideas? NASA’s iTech program gives innovators and entrepreneurs the opportunity to pitch their ideas and technologies to audiences of NASA experts, industry leaders, and capital investors.
This year, the iTech team will be coming to Houston for “Ignite the Night” to hear about technologies being developed here in three technology areas. Apply now to be selected as one of the fifteen presenters for Houston’s Ignite the Night and for the opportunity to pitch your idea to this select audience. The top presenter will also be given the opportunity to pitch at the national iTech event in Washington.

This will help to build an ecosystem of innovators and investors solving or investing in solutions that can be useful to NASA, as well as making NASA and industry experts aware of your technology and ideas. Participants will also be able to network with industry technology leaders and investors, potentially leading to future partnerships and funding opportunities.

During each NASA iTech cycle, a team from NASA Headquarters will be visiting various cities throughout the US to host an Ignite the Night event to hear about the technologies being developed in the local communities that may address the identified focus areas specific to the current NASA iTech cycle. Fifteen presenters will be selected and given the opportunity to pitch their idea.

The goal is to help build an ecosystem of innovators and investors looking to solve or invest in solutions that can be useful for NASA in the future. This event also gives the innovators the opportunity to hear from NASA, engage with subject matter experts & better understand requirements, meet industry leaders that can potentially partner with the startups, and investors.

The three iTech focus areas for 2018 are:

- Artificial Intelligence & Autonomous Robotic Capabilities
- Medical Devices
- X-Factor: Innovations so compelling that you think NASA should know about them

**Application Deadline:** August 17, 2018  
**Registration Deadline:** August 20, 2018  
**When:** August 27, 2018 – Houston, TX, 6-9 PM  
**Where:** Station Houston, 1301 Fannin St #2440, Houston, TX 77002  
**Details:** NASA iTech Ignite the Night: 30 sec Video for Houston

Register now to compete or to attend [https://nasaitech.com/ignite-the-night-houston](https://nasaitech.com/ignite-the-night-houston).

In addition, a tour of NASA technical lab will be available on a first come first serve basis from 9 to noon.

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](mailto:researchnews@tees.tamus.edu).