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 NIH-NIGMS Maximizing Access to Research Careers Undergraduate - Student Training in Academic Research (MARC U-STAR)** – Email of Intent Due February 22, 2018; Internal Proposal Due March 1, 2018

**President’s Excellence Fund**
**X-Grants Program** (link) – Submit Ideas by February 27, 2018; Proposals Due Late May – The X-Grants program will award $7 million this year in funded projects. Funded teams will participate in the President’s Excellence Fund Symposium.

**Statements of Intent Due Today**
Texas General Land Office – University System CDBG-DR Research & Planning Program
Texas University Systems Request for Proposals – (See attached for instructions on Statement of Intent – Send Statements of Intent to Dr. Laurie Garton (lsgarton@tamu.edu) by February 21, 2018. After evaluating these Statements of Intent in light of the final RFP, a letter of institutional commitment called for by GLO will be developed in support of selected proposals.) RFP will be released March 2, 2018; Proposals Due April 13, 2018 – (a) Anticipated level of funding: $750 million. (b) We will provide a list of operational difficulties/needs realized through A&M participation in Rebuild Texas program. (c) Please refer to Rebuild Texas program at https://www.rebuildtexas.today/. (d) Outreach to affected or potentially impacted in the future communities would be beneficial, (e) Collaboration across the A&M System and Texas will be a plus. NOTE: If you have any questions, please contact Dr. Laurie Garton (lsgarton@tamu.edu).

DOC

NIST FY 2018 Small Business Innovation Research (SBIR) Program (link) – Due April 4, 2018 – Contingent upon availability of funds, NIST anticipates making a total number of approximately twelve (12) Phase I awards of no more than $100,000 each. Phase II awards shall be for no more than $300,000.

DOC Geospatial Modeling (link) – Full Due April 23, 2018 – Total anticipated funding for all awards is approximately $3,000,000 and is subject to the availability of FY 2018 appropriations. The award will be made for one year with supplemental awards up to 5 years cumulatively. The anticipated number of awards is one.

DOD

AFRL Human-Centered Intelligence, Surveillance & Reconnaissance (ISR) Leveraged Science and Technology (S&T) Program (link) – White Papers Due February 10, 2023 – Human-Centered Intelligence, Surveillance & Reconnaissance (ISR) Leveraged Science and Technology (S&T) Program.

AFRL Research Options for Space Enterprise Technologies (ROSET) (link) – This 5 year Closed BAA approach allows for submittals at a specified date and time, which will be posted through the issuance of CALLs at various times against this BAA. Periodically over the 5-year period (calculated from the baseline BAA publication date), CALLs under the BAA will be issued in FedBizOpps to request white papers and/or proposals for specific research efforts as requirements within the technical areas are identified. – Anticipated Funding: FY18-FY25: Ranges from $51.5M to $66.1M

DARPA Friend or Foe (link) – Abstract Due March 14, 2018; Proposal Due April 25, 2018 - Multiple awards are anticipated. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

DARPA Persistent Aquatic Living Sensors (PALS) (link) – Abstract Due March 19, 2018; Proposal Due April 30, 2018 – 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.

Army US Special Operations Command Broad Agency Announcement (link) – Pre-proposal Submission for the third Program Review is due by 11:59 P.M. Eastern Time (ET), April 14, 2018. NOTE: This BAA is an open and continuous announcement through May 04, 2018 –
It is estimated that approximately $3 million is available for this BAA, and the number of awards is indeterminate and contingent upon funding availability.

**DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research** ([link](#)) – Due September 30, 2022 – The funding amount for this BAA is unspecified, and the number of awards is indeterminate and contingent upon funding availability.

**DARPA Millimeter-Wave Digital Arrays (MIDAS)** ([link](#)) – Proposal Due March 26, 2018 – Anticipated Funding Available for Award: It is anticipated that $64.5M of total funding will be awarded across all technical areas, approximately partitioned as follows: $30-40M for Technical Area 1 (TA1), two phases, 36 months, 6.3 funding; $20-30M for Technical Area 2 (TA2), three phases, 48 months, 6.3 funding; <$5M for Technical Area 3 (TA3), two phases, 36 months, 6.1/6.2 funding.

**DOE**

The Department of Energy has released their **FY2019 Budget Request Fact Sheet**. Please see pdf attachment in the email.

**Human Frontier Science Program**

**Young Investigators' Grants and Program Grants** ([link](#)) – Initiate an Application by March 19, 2018; Letters of Intent Due March 28, 2018 – Program Grants are awarded to teams of independent researchers at any stage of their careers. The research team is expected to develop new lines of research through the collaboration. Up to $450,000 per grant per year may be applied for. Applications including independent investigators early in their careers are encouraged.

**Leidos Biomedical Reseach, Inc.** (in support of the Division of Cancer Treatment & Diagnosis, National Cancer Institute)

**Prototyping Carrier Basket Arrays S18-054** ([See S18-054 email attachments](#)) – Due March 15, 2018 – In between now and March 15, 2018, two “Bidders’ Teleconferences” have been scheduled: (i) 12:15 pm (EST) on Thursday, February 22, 2018; and (ii) 3:15 pm (EST) on Wednesday, March 7, 2018. These teleconferences will provide a venue to ask and receive answers to questions regarding the RFP, the proposal and subcontracting processes, the technical project’s nature and scope, and other related topics. You can join the teleconferences by calling 855.462.5367, passcode 8936166.

**NASA**

**ROSES 2018: Research Opportunities in Space and Earth Sciences – 2018** ([link](#)) – Closes April 29, 2019 – NASA may support an award as outlined in the proposal budget, or may offer to fund only selected tasks, or all tasks for a shorter duration (e.g., a one-year pilot study), or a combination. Awards may depend on acceptable revised versions of budgets, statements of work, data management plans, or other elements of proposals described in ROSES or in the **NASA Guidebook for Proposers**. (See Tables 2 and 3 for a list of topics and due dates.)

**NASA SBIR/STTR** ([link](#)) - The fiscal year 2018 Solicitation period for Phase I proposals ends March 9, 2018.
NIH

**Development of New Technologies and Bioengineering Solutions for the Advancement of Cell Replacement Therapies for Type 1 Diabetes (T1D) (R01 Clinical Trial Optional)**

- **LOI Due April 10, 2018; Application Due May 10, 2018**
- The NIDDK intends to commit up to $2.5 million to fund 3-6 awards in FY 2018. The number of awards is contingent upon availability of funds and the submission of a sufficient number of meritorious applications.
- **Award Budget:** Application budget is limited to $500,000 direct costs per year.

**PHS 2018-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44] Clinical Trial Not Allowed)**

- **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.

**PHS 2018-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42] Clinical Trial Not Allowed)**

- **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.

NSF

**Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)**

- **Submit Window Dates:** May 7-May 14, 2018
- Up to $24,000,000 will be invested by NSF in proposals submitted to this solicitation, subject to the availability of funds. Additional cloud credits/resources will be provided by AWS, Google, and Microsoft. Projects will typically receive NSF funding in the range of $200,000 to a maximum of $500,000 per year, for 3 to 4 years of support. The minimum award size will be $600,000 of total NSF funding, reflecting the minimum expected level of effort for BIGDATA projects. The maximum award size will be $2,000,000 of total NSF funding.

**NSF/VMware Partnership on Edge Computing Data Infrastructure (ECDI)**

- **Full Due May 22, 2018**
- Approximately two awards are anticipated, each up to $3,000,000 total and of 3 years in duration, subject to the availability of funds and quality of proposals received.

**Smart and Connected Health (SCH)**

- **Full Due May 22, 2018 and December 11, 2018**

**Dear Colleague Letter: Enabling Quantum Leap: Achieving Room-Temperature Quantum Logic through Improved Low-Dimensional Materials**

- **Due April 17, 2018**
- Estimated total annual funding amount is $3,150,000 – subject to the availability of funds. The maximum amount

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With the release of the revised PAPPG (18-1) (link), effective January 29, 2018, there is also a revised Collaborators and Other Affiliations (COA) spreadsheet. Click on this link to find more information about the COA and to download the spreadsheet.

The January 2018 Prospective New Awardee Guide is now available online.
for 5-year awards is $600,000 (including indirect costs) and the maximum amount for 3-year awards is $400,000 (including indirect costs). The average award is $275,000.

The David & Lucille Packard Foundation

Packard Fellowship Awards (link) – Nominations Due March 15, 2018; Applications Due April 20, 2018 – 18 Fellows to receive individual grants of $875,000, distributed over five years.

Requests for Information/Notices of Intent

Request for Information: Office of Science and Technology Policy (OSTP) National Strategic Plan for Advanced Manufacturing (link) – Responses Due March 7, 2018

Student/Postdoctoral Opportunities

AFCEA Science, Technology, Engineering, and Math (STEM) Major Scholarships for Undergraduate Students (link) – Applications Due April 13, 2018 – Scholarship awards are subject to availability of funding. Scholarship awards are restricted to tuition, course-related expenses, such as fees, books, supplies and equipment that are required for the courses at the university.

Junior Faculty Opportunities

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

Human Frontier Science Program Young Investigators’ Grants and Program Grants (link) – Initiate an Application by March 19, 2018; Letters of Intent Due March 28, 2018 – Program Grants are awarded to teams of independent researchers at any stage of their careers. The research team is expected to develop new lines of research through the collaboration. Up to $450,000 per grant per year may be applied for. Applications including independent investigators early in their careers are encouraged.
The David & Lucille Packard Foundation Packard Fellowship Awards (link) – Nominations Due March 15, 2018; Applications Due April 20, 2018 – 18 Fellows to receive individual grants of $875,000, distributed over five years.

Seminars/Events/Workshops

Register Now
Junior Faculty Proposal Writing Academy – 2018 NSF CAREER and Other Young Investigator Programs
February 22, 2018
8:00 a.m. - 1:00 p.m.
301 Rudder Tower
Information and Registration

February 22, 2018
8:50 a.m. - 12:00 p.m.
401 Rudder Tower
Information

Junior Faculty Proposal Writing Academy – NSF CAREER Writing Groups Inaugural Meeting
March 7, 2018
2:00 p.m. - 3:00 p.m.
3147 ILSB
Information and Registration

Junior Faculty Proposal Writer's Academy – Filling Your Toolbox: NIH Proposal Writing Resources
March 21, 2018
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

Junior Faculty Proposal Writer's Academy – Research Data Management Workshop
April 4, 2018
1:00 p.m. - 3:00 p.m.
Sterling C. Evans Library Annex
Information and Registration

Save the Date
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/.

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

NSF Cyberinfrastructure for Sustained Scientific Innovation (CSSI) Program Webinar
February 23, 2018
1:00 p.m. - 2:30 p.m. EST
Information and Registration

DARPA Epigenetic CHaracterization and Observation (ECHO) Proposers Day Webcast
February 23, 2018
Information and Registration – Webcast registration deadline is February 21, 2018.

DARPA Friend or Foe Proposers Day
February 28, 2018
DARPA Conference Center, 675 N. Randolph Street, Arlington, VA
Information and Registration – Registration closes February 21 or when capacity is reached.

IARPA Molecular Analyzer for Efficient Gas-phase Low-power INterrogation (MAEGLIN) Phase 2 Proposers’ Day
March 22, 2018
8:00 a.m. – 4:00 p.m. EST
Washington, DC
Information and Registration – Registration Deadline is March 14, 2018

**IARPA Better Extraction from Text Towards Enhanced Retrieval (BETTER) Proposers’ Day**
March 29, 2018
8:00 a.m. - 4:00 p.m. EST
Washington, DC
Information and Registration – Registrations Deadline is March 22, 2018

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**Seminars/Events/Workshops for All Faculty**
http://tees.tamu.edu/researchsupport/events/

**TEES/Hanover Research Multi PI/Multi-Institution Proposals**
February 23, 2018
11:00 a.m. - 1:00 p.m.
Information and Registration

**TAMU DOR Writing Successful Proposals (All Faculty)**
March 1, 2018
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

**DOE ARPA-E Energy Innovation Summit**
March 13-15, 2018
Washington, DC
Information and Registration

**TAMU DOR Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation, and Review Process**
March 28, 2018
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

**NSF CISE CAREER Proposal Writing Workshop**
April 9, 2018
8:30 a.m. - 5:15 p.m.
Alexandria, VA
Information and Registration – Registration closes on March 10, 2018

**TAMU DOR NSF Broader Impacts – All Faculty**
April 11, 2018
The National Academies of Sciences, Engineering, and Medicine – The Gulf Research Program

Networking and Idea Development Workshop: Thriving Communities Grants 5 – Topic: Enhancing Coastal Community Resilience and Well-being in the Gulf of Mexico Region
January 25, 2018: Online application to participate in workshop opens
March 8, 2018, 5:00 p.m. ET: Application to participate in workshop due
May 30-June 1, 2018: Networking and Idea Development Workshop

NIST Atom Probe Tomography and Microscopy 2018 Symposium
June 10-15, 2018
NIST, 100 Bureau Drive, Gaithersburg, MD

DARPA D60: Breakthrough Technology | Past, Present, Future
September 5-7, 2018
Gaylord National Resort and Convention Center, National Harbor Oxon Hill, MD

Research News

Texas A&M Continues to Advance Cybersecurity Initiatives with $4.4M Grant from National Science Foundation

News about cybersecurity is rarely good. Whether it’s individuals, hacker groups or even foreign adversaries attempting to interfere with the democratic process, it can feel like the United States is struggling to keep up on the cybersecurity front.

But the news isn't all bad. Instead of standing idly by, Texas A&M has been quickly responding to the call.

With the recently awarded $4.4 million grant from the National Science Foundation CyberCorps Scholarships for Service (SFS) program, the Texas A&M Cybersecurity Center will administer the Cyber Leader-Scholars Program in partnership with Houston Community College.
The program will combine the academic expertise at both institutions to develop and mentor a group of students over a five-year period. In return for their scholarships, which include generous stipends, the students agree to work for a government agency for a period equal to the length of the scholarship.

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.tamu.edu.