Funding Opportunities

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

**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** The Greenwall Foundation Greenwall Faculty Scholars Program in Bioethics – Email of Intent Due August 1, 2018; Internal Proposal Due August 8, 2018

**Limited Submission** NSF CISE Research Infrastructure (CRI) – Email of Intent Due August 10, 2018; Internal Proposal Due August 17, 2018

**Limited Submission** NSF Advancing Informal STEM Learning (AISL) – Email of Intent Due August 10, 2018; Internal Proposal Due August 17, 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
NIST Disaster Resilience (DR) Research Grants Program (link) – Due August 27, 2018 – In FY 2018, NIST anticipates that up to approximately $3,000,000 may be available for NIST to fund new DR Research Grants Program projects. NIST anticipates funding five to fifteen awards in the range of $250,000 to $750,000 each with project performance periods of up to three (3) years, consistent with the multi-year funding policy (see Section II.2. of this NOFO).

DOD

New DARPA Atomic-Photonic Integration (link) – Abstract Due August 16, 2018; Proposal Due September 27, 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.

New DARPA SHort-Range Independent Microrobotic Platforms (SHRIMP) (link) – Abstract Due August 10, 2018; Proposal Due September 26, 2018 – DARPA anticipates $32M of total funding will be awarded across all technical areas, approximately partitioned as follows: $9-$12M for Technical Area 1 (TA1), three phases, 36 months, 6.1 funding; $4-$6M for Technical Area 2 (TA2), three phases, 36 months, 6.1 funding; $10-$14M for Technical Area 3 (TA 3), three phases, 36 months, 6.2 funding.

New DARPA Adapting Cross-Domain Kill-webs (ACK) (link) – Abstract Due August 17, 2018; Proposal Due September 28, 2018 – Multiple awards are anticipated for Task 1 (Technology Development). A single Task 2 (Evaluation) performer is expected. Proposers that propose to Task 2 may not submit a proposal for Task 1. Phase 1 (18 months): $14.3 million; Phase 2 (18 months): $16.2 million; Phase 3 (12 months): $7.2 million

New NMLC Research and Development of Operational and Undersea Medical Issues of Military Importance (link) – Due August 30, 2018 – The maximum allowable funding for the entire 60-month period of period is $14,870,000.

New Congressionally Directed Medical Research Programs (CDMRP) Peer Reviewed Medical Research Program (link) – Vision Research Program – Due Dates and Awards Vary for Each Mechanism

FY2019 Vannevar Bush Faculty Fellowship (VBFF) (formerly known as the National Security Science and Engineering Faculty Fellowship [NSSEFF] program) (link) – White Papers Due August 17, 2018; Invited Proposals Due January 18, 2019 – It is anticipated that awards will be made in the form of grants to U.S. institutions of higher education (universities). It is anticipated that the maximum award will be $3 million per five years, with the actual amount contingent on availability of funds, the specific topic, and the scope of the proposed work.

DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research Synopsis 1 (link) – Continuously Open until September 30, 2022 – There are no specified funding limitations identified for a proposal/application submitted under this BAA. A budget should be commensurate with the nature and complexity of the proposed research.

Fundamental Research to Counter Weapons of Mass Destruction Synopsis 12 (Amendment 7) (link) – Continuously Open until September 2024 – Grants 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.
Research Initiatives at the Naval Postgraduate School (link) – White Papers and Full Proposals may be submitted at any time until May 31, 2019. – The funded amount and period of performance of each proposal selected for award will vary depending on the research area and the technical approach to be pursued by the applicant selected.

Economic Development Administration

2018 Regional Innovation Strategies Program (link) – Due August 29, 2018 – 2018 i6 Challenge Grants: EDA plans to award approximately $16,000,000 under the 2018 i6 Challenge. The maximum Federal share of each i6 Challenge grant is $750,000; 2018 SFS Grants: EDA plans to award approximately $5,000,000 under the 2018 SFS Grant Competition. The maximum Federal share of each SFS Grant is $300,000.

IARPA

Mercury Challenge (link) – Registration and Algorithm Building Begins July 2, 2018; Scoring Begins August 1, 2018; Challenge Ends April 30, 2019 – Win prizes from a total prize purse of $100,000

NIH

New Novel Approaches for Relating Genetic Variation to Function and Disease (R01 Clinical Trial Not Allowed) (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 not limited but need to reflect the actual needs of the proposed project.

New Novel Approaches for Relating Genetic Variation to Function and Disease (R21 Clinical Trial Not Allowed) (link) – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: The combined budget for direct costs for the two-year project period may be up to $275,000 (exclusive of subcontract F&A). Up to $200,000 may be requested in any single year.

New BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (STTR) (R41/R42 - Clinical Trials Not Allowed) (link) – Standard Due Dates: September 5, January 5, April 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: 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.

New BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (SBIR) (R43/R44 - Clinical Trial Not Allowed) (link) – Standard Due Dates: September 5, January 5, April 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: 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.

Investigator Initiated Research in Computational Genomics and Data Science (R01 Clinical Trial Not Allowed) (link) – LOI Due 30 Days Prior to Application; Application Due November 16, 2018 and July 16, 2019 – The number of awards is contingent upon NIH
appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

Investigator Initiated Research in Computational Genomics and Data Science (R21 Clinical Trial Not Allowed) (link) – LOI Due 30 Days Prior to Application; Application Due November 16, 2018 and July 16, 2019 The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets need to reflect the actual needs of the proposed project. The combined budget for direct costs for the two year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

Integration of Imaging and Fluid-Based Tumor Monitoring in Cancer Therapy (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 $499,999 (maximum) in direct costs per year and the requested amount in any year needs to reflect the actual needs of the proposed project.

Synthetic Biology for Engineering Applications (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 not limited but need to reflect the actual needs of the proposed project.

NSF

New Graduate Research Fellowship Program (GRFP) (link) – Due October 23, 2018 (CISE, Engineering, Materials Research) – Each Fellowship consists of three years of support during a five-year fellowship period. Currently, NSF provides a stipend of $34,000 to the Fellow and a cost-of-education allowance of $12,000 to the graduate degree-granting institution for each Fellow who uses the fellowship support in a fellowship year.

NSF/FDA Scholar-in-Residence at FDA (link) – Full Proposals Accepted Anytime – Estimated program budget of $750,000, estimate of 5-10 awards, average award size and duration (varies with funding opportunity outlined in Section II. Program Description) are subject to the availability of funds and the quality of proposals.

Requests for Information/Notices of Intent

DOE Request for Information: Predictive Science Academic Alliance Program III (PSAAP III) (link) – Submission deadline has been extended to August 3, 2018, at 11:59 p.m. ET due to technical issues with FedConnect and grants.gov websites.

Student/Postdoctoral Opportunities

NSF/FDA Scholar-in-Residence at FDA (link) – Full Proposals Accepted Anytime – Estimated program budget of $750,000, estimate of 5-10 awards, average award size and duration (varies with funding opportunity outlined in Section II. Program Description) are subject to the availability of funds and the quality of proposals.
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/

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
Future Funding Opportunities will be posted here.

Seminars/Events/Workshops

DARPA Young Faculty Award (YFA) Proposers Day Webcast
August 8, 2018
1:30 - 3:30 p.m. ET
Information and Registration – Registration Deadline is August 1, 2018, at 12:00 pm ET or when capacity is reached.

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
(All times Central unless otherwise noted)

NSF Office of Advanced Cyberinfrastructure (OAC): Research Core Program Webinar
August 7, 2018
1:00 p.m. - 2:00 p.m. CT
Information and Registration – Registration Deadline is August 6, 2018.

DARPA Young Faculty Award (YFA) Proposers Day Webcast
August 8, 2018
1:30 - 3:30 p.m. ET
Information and Registration – Registration Deadline is August 1, 2018, at 12:00 pm ET or when capacity is reached.

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

2018 Natural Gas Utilization Workshop
August 12-14, 2018
Memorial Student Center
Information and Registration – Call for Abstracts Deadline is August 12, 2018.

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

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.
**Research News**

**Novel Polymer Foam Device Receives FDA Clearance for Cardiovascular Treatments**

A lifesaving device more than 20 years in the making has received 510(k) clearance from the U.S. Food and Drug Administration (FDA). The clearance allows a company, co-founded by Associate Department Head Dr. Duncan Maitland from the Department of Biomedical Engineering at Texas A&M University, to begin to market the medical device.

Maitland developed the IMPEDE Embolization Plug, a device that could provide doctors with a more effective and less risky method for treating aneurysms – blood-filled, balloon-like bulges in the walls of a blood vessel that can rupture and cause vascular damage that is debilitating or even fatal. The device quickly clots blood to block it from reaching aneurysms, tumors or other issues. It creates a different kind of clot than current devices.

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

**NSF Engineering Directorate has Removed Deadlines for Unsolicited Proposals**


PIs can submit unsolicited proposals any time. However, “a declined proposal may be resubmitted, but only after it has undergone substantial revision, as determined by the cognizant NSF Program Director, and only after 12 months has passed from the previous date of submission.” ENG is removing deadlines for submission of unsolicited proposals to all core programs in CBET, CMMI, ECCS and EEC, effective August 15, 2018.

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).