Funding Opportunities

(Link to pdf versions of the Newsletter –
https://tees.tamu.edu/researchsupport/newsletter/)

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 Collaborative Program Grant for Multidisciplinary Teams (RM1) – Email of Intent Due October 25, 2019; Internal Proposal Due November 1, 2019

Limited Submission Brain Research Foundation 2020 Fay/Frank Seed Grant Program – Email of Intent Due November 1, 2019; Internal Proposal Due November 8, 2019

Limited Submission NSF IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) – Email of Intent Due November 8, 2019; Internal Proposal Due November 15, 2019

Limited Submission NSF Platforms for Advanced Wireless Research (PAWR) Round III – Anyone who wishes to apply to a limited submission RFP that is not posted on this website should contact Shelly Martin at shelly.martin@tamu.edu or 979-862-2233.

Texas A&M University-CONACYT Research Grant Program
New 2019-2020 Request for Proposals (RFP) (link) – LOI Due November 8, 2019; Full Due December 16, 2019 – Texas A&M and CONACYT have each dedicated US$150,000 for a
total of US$300,000 for this Call. The program will issue up to 10 awards. Each award will provide up to US$30,000 total in joint funding. Total budget of US$30,000 to be split between the TAMU and Mexico PI. (Ratio determined by the PIs.)

**DOC**

**New** EDA - Accelerate R2 Network Challenge ([link]) – Applicants are strongly encouraged (but not required) to submit a Letter of Intent Due Wednesday January 8, 2019. Full Application Due Wednesday March 11, 2019. Full Application submissions will only be accepted electronically through www.grants.gov (Grants.gov). EDA expects to make either: a single award up to $1 million for a nationwide R2 Network; or two awards, one for a nationwide Response Network and one for a nationwide Resiliency Network, each of which may be up to $700,000.

**New** National Sea Grant College Program 2020 Special Projects – ([link]) – September 30, 2020

Funding availability may change during the time this competition is open. When updated information about funding becomes available, individual competition announcements will be sent by electronic mail to eligible applicants, and posted under "2020 Special Projects Competition" on the Sea Grant website at [http://seagrant.noaa.gov/Funding](http://seagrant.noaa.gov/Funding).

**DOD**

The AFRL/RI Information Institute® is soliciting faculty participation in the summer component of the Visiting Faculty Research Program (VFRP).

**2020 Summer Visiting Faculty Research Program Application**

November 1, 2019 - January 19, 2020

**Summer Visiting Faculty Research Program**

May 4, 2020 - September 18, 2020

Eligibility: The VFRP is open to US Citizens and Lawful Permanent Residents

For more information, please visit the [AFRL/RI Information Institute website](http://www.afri.mil/IPS/).  

**New** USAF Microelectronics Innovation for Next-generation System Advancement and Validation (MINSAV) Advanced Research Announcement (ARA) with Calls ([link]) – White paper proposals due November 15, 2019 2:00 p.m. WPAFB local time. The Air Force anticipates awarding multiple awards for this announcement. However, the AF reserves the right to award zero, one, or more

**DARPA Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Amendment 2 ([link])** – Due February 29, 2020 (Note: SBIR and STTR Opportunities (SBO) will: (1) identify specific details regarding the research topic of interest, and (2) provide proposal content and submission instructions in addition to those outlined in this BAA, including the due date for proposal submissions. Proposals must only be submitted in response to an SBO. Proposals submitted in response to this BAA without an active, corresponding SBO will not be evaluated.) – Multiple awards are anticipated. The amount of resources made available under each SBO issued under this BAA will depend on the quality of the proposals received and the availability of funds.
DOD Long-Term Opportunities

**Research for Integrated Vehicle Aerodynamic Technologies (RIVAT) (link)** – The BAA is open and effective until May 9, 2023. White Papers will be considered if received prior to 1400 EST on May 9, 2023. – The total program value is $4,900,000 with multiple awards ranging from $50,000 to $250,000 (the Government reserves the right to exceed this amount if necessary).

**Army Applications Lab BAA for Disruptive Applications Synopsis 2 (link)** – This BAA is a continuously open announcement valid throughout the period from the date of issuance through May 1, 2024, unless announced otherwise. – The DoD agencies involved in this program reserve the right to select for award all, some, or none of the proposals submitted in response to this announcement. Due to Government budget uncertainties, no specific dollars have been reserved for awards under this BAA.

**AFRL/RXC Structural Materials Open BAA (link)** – White Papers may be submitted any time until September 20, 2023; Proposal Due Date to be provided in the Requests for Proposals sent to offerors – The total estimated program value is $99,500,000, with multiple awards ranging from $100,000 to $5,000,000.

**DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research Synopsis 2 (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.

DOE

**ARPA-E Performance-based Energy Resource Feedback, Optimization, and Risk Management (PERFORM) (link)** – Concept Papers Due October 28, 2019; Full Due: To Be Determined – ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $250,000 and $10 million.

NASA

**FY21 Student Research Initiative Concept Call (link)** – Due December 5, 2019 – Proposals can be for up to 3 years (renewable each year), with a cap of $60k/year, to be shared between JPL and the university partner. Proposals must have a JPL PI, a university faculty collaborator, and one or more students. Proposals can be for focused research tasks for individual graduate students (most prevalent), undergraduate and/or graduate student group research projects, or they can support JPL collaboration in university classes (these are typically single year proposals). A Note on class projects: While there are no restrictions on funding levels, provided they stay within the cap, in the past undergraduate class projects have been funded at the $25k - $35k level, and such projects are still encouraged.

**NASA Centennial Challenges Program: Space Robotics Challenge Phase 2 (link)** – The deadline to submit registration forms is Friday December 20, 2019 by 5pm Central US time. – The challenge will consist of a Qualification Round and a Competition Round. Both rounds will require fully autonomous operations, such that competitors will not be able to interact with their virtual robotic teams during a challenge run. Each round will be scored and prizes will be awarded form a prize purse of up to $1,000,000 USD per the criteria in the Official Challenge Rules.
NIH

**Imaging, Biomarkers and Digital Pathomics for the Early Detection of Premetastatic Aggressive Cancer (R01 Clinical Trial Optional) ([link](#))** – LOI Due 30 Days Prior to Application; 2019 Dates: Application Due December 10, 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.

NIH Standard Due Dates

**Stimulating Innovations in Behavioral Intervention Research for Cancer Prevention and Control (R21 Clinical Trial Optional) ([link](#))** – LOI Due 30 Days Prior to Application; 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 not exceed $275,000. No more than $200,000 may be requested in any single year.

**Exploratory/Developmental Bioengineering Research Grants (EBRG) (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 not exceed $275,000. No more than $200,000 may be requested in any single year.

**Bioengineering Research Partnerships (U01 Clinical Trial Not Allowed) ([link](#))** – LOI Due 30 Days Prior to Application; 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.

**Bioengineering Research Grants (BRG) (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.

**Medical Simulators for Practicing Patient Care Providers Skill Acquisition, Outcomes Assessment and Technology Development (R01 Clinical Trial Not Allowed) ([link](#))** – LOI Due 30 Days Prior to Application; 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.

**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.

**NIH Exploratory/Developmental Research Grant Program (Parent 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 not exceed $275,000. No more than $200,000 may be requested in any single year.

**NIH Research Project Grant (Parent 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.

**Promoting Research in Basic Neuroscience (R01 Clinical Trial Not Allowed) [link]** – Standard Due Dates: February 5, June 5, October 5 – NINDS intends to fund up to 12 awards, corresponding to a total of $5.0 million for fiscal year 2019. Future year amounts will depend on annual appropriations. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NSF**

**FastLane and Research.gov will be unavailable from Friday, November 8 at 8:00 PM EST until Tuesday, November 12 at 6:00 AM EST.**

During this outage, there will be no access to these websites, proposals cannot be prepared or submitted in FastLane and Research.gov, and project reports and cash requests cannot be submitted in Research.gov. However, previously saved information and uploaded documents in FastLane and Research.gov, including in-progress proposals and project reports, will be accessible after the migration is completed.

For IT system-related questions, please contact the NSF Help Desk at 1-800-381-1532 or rgov@nsf.gov. Any policy-related questions should be directed to policy@nsf.gov.

**New Limited Submission** IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) – Full Due February 7, 2020 – 2-3 RED Innovation awards and 2-3 RED-A&I awards depending on funding availability and quality of proposals received. Anticipated Funding Amount: $4,000,000 to $8,000,000

**New Limited Submission** Platforms for Advanced Wireless Research (PAWR) Round III [link] – LOI Due October 25, 2019; Full Due December 13, 2019 – Up to $8 million in cash from NSF and up to $8 million of in-kind contributions from the PAWR Industry Consortium over five years, subject to the availability of funds/contributions.

**New Transdisciplinary Research in Principles of Data Science Phase II (TRIPODS)** TRIPODS Phase II [link] – LOI Due November 6 - November 20, 2019; Full Due February 3 - February 18, 2020 – For a single-institution proposal, the five-year budget can total up to $5M including all direct and indirect costs. For a collaborative proposal with two institutions, the five-year budget can total up to $10M across both institutions including all direct and indirect costs. Neither institution's portion of the budget may exceed $6M. For a collaborative proposal with three or more institutions, the five-year budget can total up to $15M across all institutions including all direct and indirect costs. No institution's portion of the budget may exceed $6M.
New Dear Colleague Letter: Request for Information on Data-Focused Cyberinfrastructure Needed to Support Future Data-Intensive Science and Engineering Research (link)

NSF Dynamic Language Infrastructure – NEH Documenting Endangered Languages (DLI-DEL) (data, infrastructure and computational methods) (link) – Full Due September 15, 2020 – Estimated Number of Awards: 20 to 30: 20-30 including 5 Fellowships. Approximately $4.8 million (approximately $3.8 million from NSF and up to $1 million from NEH); this is the total for awards to be made annually, pending availability of funds.

Dear Colleague Letter: Announcing Two Program Name and Scope Changes (link)

Ethical and Responsible Research (ER2) (link) – Full Due February 24, 2020 – Estimated total annual funding amount is $3,550,000 subject to the availability of funds. The maximum amount 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.

Growing Convergence Research (GCR) (link) – Full Due February 3, 2020 – Estimated Number of Awards: 10; $12,000,000 pending availability of funds, to support the first two years of proposals selected for an award. The total amount awarded in future years will depend on the availability of funds and number of awards advancing to years 3-5.

NSF PD Opportunities

CBET Interfacial Engineering (link) – Full Proposal Accepted Anytime – PD 20-1417
CBET Nanoscale Interactions (link) – Full Proposal Accepted Anytime – PD 20-1179
EEC Research in the Formation of Engineers (RFE) (link) – Full Proposal Accepted Anytime – PD 19-1340
Critical Aspects of Sustainability (CAS) (link) – Note: Check link for directorates’ due dates – PD 19-9102

Student/Postdoctoral Opportunities

8th Annual U.S. Clean Energy Education and Empowerment (C3E) Women in Clean Energy Symposium and Poster Competition
November 13-14, 2019
Texas A&M University
Information – If you’re unable to attend in person, you can register for a free webcast.

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).

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**Opportunity for Assistant Professors**

There are funds available to help Assistant Professors in visiting funding agency program officers at DoD, DoE, NSF, DARPA, etc., when they are ready. Readiness will be assessed by Dr. Z.J. Pei based on a justification statement submitted by the faculty member, including expertise, experience, and research ideas. TEES will pay up to half of the cost of travel to Washington, D.C., for an approved Assistant Professor. Please contact Dr. Z.J. Pei, TEES Director of Research Development, at zipei@tamu.edu for more information.

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### Funding Opportunities

*Future Funding Opportunities will be posted here.*

**Seminars/Events/Workshops**

**Registration Open**

**Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop**

November 6, 2019  
1:00 p.m. - 4:30 p.m.  
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)  
[Information and Registration](#)

**Junior Faculty Proposal Writing Academy: KB Science Webinar: DOE Early Career (Presented by Division of Research)**

November 19, 2019  
11:00 a.m. - 12:00 p.m.  
Location: TBD  
[Information and Registration](#)

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**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/).

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### Additional Resources

- **Facilities** *(Updated: February 2019)* – 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 past digests.
**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**

*(All times Central unless otherwise noted)*

**Oak Ridge National Laboratory Innovation Crossroads: Cohort 4 Innovators Webinar**
October 24, 2019 – 2:30 p.m. ET (1:30 p.m. CT)
[Registration]

**Hanover Webinar: Multidisciplinary, Multi-PI, and Multi-Institutional Proposals**
(Presented by Division of Research)
October 24, 2019
1:30 p.m. - 2:30 p.m.
Via Zoom
[Information and Registration]

**Hanover Webinar: Getting Started in Grantseeking for Early & Mid-Career Faculty**
(Presented by TEES)
October 24, 2019
10:00 a.m. - 11:00 a.m.
Via Zoom
[Link]

**DARPA Nucleic Acids On-Demand Worldwide (NOW) Proposers Day**
October 28, 2019
Executive Conference Center, 4075 Wilson Blvd., Suite 300, Arlington, VA
8:00 a.m. - 5:00 p.m. ET
[Information and Registration] – Registration deadline is October 21, 2019 or when capacity is reached.

**Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) Applicant Webinars** (Hosted by NSF)
October 31, 2019
4:00 p.m. - 5:00 p.m. ET (3:00 p.m. - 4:00 p.m. CT)
[Information and Registration] – **Note:** There are additional webinars available.

**Hanover Webinar: Foundation Outreach, Cultivation, & Proposal Development**
(Presented by Division of Research)
November 5, 2019
2:00 p.m. - 3:30 p.m.
Via Zoom
[Information and Registration]

**NIH Specific Aims Virtual Workshop**
November 6, 2019  
12:00 p.m. - 1:30 p.m.  
Via Zoom  
[Information and Registration]

**NSF Fall 2019 Grants Conference Webcast**  
November 18-19, 2019  
Begins at 8:00 a.m. ET  
[Registration] – See also Virtual Agenda and Speakers.

**Junior Faculty Proposal Writing Academy: KB Science Webinar: DOE Early Career Webinar**  
(Presented by Division of Research)  
November 19, 2019  
11:00 a.m. - 12:00 p.m.  
Location: TBD  
[Information and Registration]

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

**Junior Faculty Proposal Writing Academy: Writing Successful Proposals**  
October 23, 2019  
1:30 p.m. - 3:00 p.m.  
310 Jack K. Williams Administration Building  
[Information]  

**Registration Open**  
**Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop**  
November 6, 2019  
1:00 p.m. - 4:30 p.m.  
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)  
[Information and Registration]

**NIH Regional Seminar on Program Funding and Grants Administration**  
November 6-8, 2019  
Phoenix, AZ  
[Information and Registration]

**Association for the Advancement of Artificial Intelligence (AAAI) Fall Symposium on “AI in Government and Public Sector”**  
November 7-9, 2019  
Arlington, VA  
[Information and Registration] – Registration is now open.
Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents (Presented by Division of Research)

November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: TBD

Information

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.