October 30, 2019 http://teesresearch.tamu.edu/ researchnews@tees.tamus.edu

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 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 Ethical and Responsible Research** – Email of Intent Due November 14, 2019; Internal Proposal Due November 18, 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.

TEES Research Development
Proposal Development Assistance
For assistance, please contact TEES Research Development at proposalsupport@tamu.edu as early as possible in the proposal development process. We can help with:

**Assistance for Junior Faculty** – Also, see Junior Faculty Opportunities below.

**Multidisciplinary and/or Multi-university Proposals**

**Figures for a Proposal Being Submitted to Federal Agencies** – Preference will be given to large proposals and NSF CAREER proposals.
Call for Workshop Proposals

The Texas A&M Institute of Data Science (TAMIDS) solicits proposals for one-day workshops in any area of Data Science. The aim of the TAMIDS Workshop Grants Program is to support community building, stimulate collaboration, and foster interdisciplinary growth in Data Science amongst researchers at Texas A&M. Typical workshop activities would include technical presentations, training seminars, or grant application planning. Proposals involving other activities are welcome. [link]

DOD

[DARPA OFFensive Swarm Enabled Tactics (OFFSET) Sprint 5 (link)] – Full Due November 12, 2019 – DARPA intends to award up to fifteen Swarm Sprinter awards in this Swarm Sprint call. No individual award is anticipated to be above $450K (including all options proposed).

[DARPA Military Tactical Means (MTM) (link)] – Full Due November 7, 2019 – 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.

DOD Long-Term Opportunities

[FY 20 Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science & Technology (link)] – Full Accepted until September 30, 2020 – The funded amount and period of performance of each proposal selected for award may vary depending on the technology area and the technical approach to be pursued by the offeror selected.

[Naval Air Warfare Center Aircraft Division (NAWCAD) Office-Wide BAA (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. Closes June 6, 2020 – 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 PolyplexusPilot 3 (link)] – BAA Closes July 2, 2020; Polyplexus Pilot Topic Opportunity Notices will be released on [http://fbo.gov] – Approximately 20 awards at the estimated $100,000 level are anticipated throughout the duration of this Broad Agency Announcement (BAA); however, the level of funding for individual awards has not been predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds. Individual Polyplexus Pilot Topic Opportunity Notices may provide

EPA

[Environmental Protection Agency (EPA) Office of Environmental Education (link)] – Due January 6, 2020. The total estimated funding for this competitive opportunity in U.S. EPA Region 6 is up to $300,000. The Region expects to award three or four grants for no less than $50,000, and no more than $100,000 each. Region 6 covers the states of Arkansas (AK), Louisiana (LA), New Mexico (NM), Oklahoma (OK), Texas (TX).

NASA

[Roses 2019 Heliophysics System Observatory Connect National Aeronautics and Space Administration NASA Headquarters. (link)] – Due April 30, 2020. 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.

**Research Opportunities in Space and Earth Sciences 2019 (ROSES-2019) ([link])** – Full (Step 2) proposals due no earlier than June 12, 2019, through no later than April 30, 2020. – The amount of funds expected to be available for new awards for proposals submitted in response to this NRA is given in the Summary Table of Key Information at the end of each program element in the appendices. ROSES is an omnibus solicitation, with many individual program elements, each with its own due dates and topics. Tables 2 and 3 of this NRA, at [http://solicitation.nasaprs.com/ROSES2019table2](http://solicitation.nasaprs.com/ROSES2019table2) and [http://solicitation.nasaprs.com/ROSES2019table3](http://solicitation.nasaprs.com/ROSES2019table3), respectively, provide proposal due dates and hypertext links to descriptions of the solicited program elements in the Appendices of this NRA.

**NIH**

**NCI Clinical and Translational Exploratory/Developmental Studies (R21 Clinical Trial Optional) ([link])** – Due October 18, 2019 and February 20, 2020 – 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 Standard Due Dates**

**Research to Understand and Inform Interventions that Promote the Research Careers of Individuals in the Biomedical Sciences (R01 - Clinical Trial Not Allowed) ([link])** – LOI Due 30 Days Prior to Application; Standard Due Dates: March 5, July 5, November 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. The NIGMS expects to award 3-5 applications per fiscal year. Award Budget: Application budgets are limited to $250,000 direct costs per year.

**PHS 2019-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42] 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: Total funding support (direct costs, indirect costs, fee) normally may not exceed $252,131 for Phase I awards and $1,680,879 for Phase II awards.

**PHS 2019-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications (Parent 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: Total funding support (direct costs, indirect costs, fee) normally may not exceed $252,131 for Phase I awards and $1,680,879 for Phase II awards.

**Focused Technology Research and Development (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.
**Exploratory Research for Technology Development (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: Application budgets are limited to a total of $275,000 Direct Costs over the two-year project period. No more than $200,000 Direct Costs may be requested in any single year. The budget must be well justified and reflect the actual needs of the proposed project.

**Initiative to Maximize Research Education in Genomics: Courses (R25 Clinical Trial Not Allowed)** [link] – LOI Due 30 Days Prior to Application; Standard Due Dates: January 25, May 25, September 25 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Short-Term Courses: Up to $75K direct cost per year may be requested. Long-Term Courses: Up to $150K direct cost per year may be requested.

**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 Campus Cyberinfrastructure (CC*)** [link] – Due January 21, 2020 – Approximately $14 million-$20 million will be made available in FY 2020 to support 29-53 awards, subject to the availability of funds.

**Formal Methods in the Field (FMitF)** [link] – Full Due January 22, 2020 – Approximately 12 Track I awards of up to $750,000 per award with durations up to 4 years, and 10 Track II awards of up to $100,000 per award with durations up to 18 months, are anticipated, subject to availability of funds and quality of proposals received.

**Human Networks and Data Science – Infrastructure (HNDS-I)** [link] – Full Due February 24, 2020 – Estimated Number of Awards: 3 to 4. Anticipated Funding Amount: $4,500,000. Total maximum amount for all awards per year: $4.5 million. Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.

**Science of Science – Doctoral Dissertation Research Improvement Grants (SOS DDRIG): Discovery, Communication, and Impact** [link] – Full Due February 10, 2020 and September 9, 2020 – During a fiscal year, SoS expects to recommend up to 5 doctoral dissertation research improvement (DDRIG) awards. This estimate reflects the recent history of applications for DDRIG awards and the overall level of funding for the program. Anticipated Funding Amount: $100,000.

**Emerging Frontiers in Research and Innovation (EFRI): Distributed Chemical Manufacturing (DCheM) and Engineering the Elimination of End-of-Life Plastics (E3P)** [link] – LOI Due November 4, 2019; Prelim Due December 2, 2019; Full Due March 26,
2020 – Estimated Total Funding: $30,000,000; Estimated Number of Awards: 15 (4-year awards)

NSF PD Opportunities


Requests for Information/Notices of Intent

New High Performance Computing for Manufacturing (link)
New High Performance Computing for Materials (link)

Student/Postdoctoral Opportunities

ASME Graduate Teaching Fellowships (link) – Application Postmark Deadline: February 15 – Fellowship awards in the amount of $5,000 a year are made, for a maximum of two years. Fellows are selected/renewed annually by the ASME Board on Education.

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).

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 zijpei@tamu.edu for
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**

November 19, 2019
11:00 a.m. - 12:00 p.m.
Location: TBD

[Information and Registration](#)

**Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents**

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

[Information](#)

**2020 NSF ENG CAREER Proposal Writing Workshop**

March 31 - April 2, 2020
Location: Arlington, VA

[Information](#)

**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)

**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
Seminars/Events/Workshops for All Faculty

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

Funding Opportunities: Office of Naval Research Lieutenant Commander Josh Swift, Ph.D.
Friday, November 1
3:00 p.m. - 4:00 p.m.
801A Harrigton Tower
Questions?

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
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.