COVID-19 Updates and Opportunities

COVID-19 Request for Information (RFI): Click Here
COVID-19 Research Opportunities (NetID Login Required): Click Here

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
- Graphics for a Proposal Being Submitted to Federal Agencies – Preference will be given to large proposals and NSF CAREER proposals.

TEES Research Development Upcoming Events

NSF CAREER Session 6: Open Topics
Wednesday, April 15, 12:00 p.m. - 1:00 p.m.
Virtual Session via Zoom: https://tamu.zoom.us/j/777893090

Meeting ID: 777 893 090

Funding Opportunities
(Link to pdf versions of the Newsletter
https://tees.tamu.edu/research-development/newsletter.html)
LIMITED SUBMISSIONS
https://tamu.infoready4.com/#limitedsubmissions

The Division of Research has implemented a brand new proposal submission and review portal. The system will be used for limited submissions and most internal grant programs. You will find available opportunities at: https://tamu.infoready4.com/#limitedsubmissions.

The limited submission office will be phasing in the portal as new limited submission opportunities arise. If you have any questions, please contact limitedsubmissions@tamu.edu or Shelly Martin at 979-862-2233.

Limited Submission NIH Data Science Research: Personal Health Libraries for Consumers and Patients (R01 Clinical Trial Optional) – Declaration of Intent Due April 15, 2020
Limited Submission Pew Biomedical Scholars – Internal Proposal Due April 16, 2020
Limited Submission Partnerships for Innovation – Research Partnerships – Internal Proposal Due April 17, 2020
Limited Submission NSF Research Experiences for Teachers (RET) in Engineering and Computer Science – Supplements and Sites – Internal Proposal Due June 25, 2020
Limited Submission Engineering Research Visioning Alliance (ERVA): Future Research Directions for the Engineering Research Community – Internal Proposal Due May 11, 2020

FEDERAL AND OTHER FUNDERS

Department of Defense (DOD)

New Department of Defense (DoD) – Science, Technology, Engineering, and Mathematics (STEM) Educational Outreach Programs (link) – Full Due May 18, 2020 – Funding Amount (Ceiling): Not to Exceed Twenty-five Million Dollars ($25,000,000.00); Period of Performance: Five (5) Years

Acceleration of Quantum Dot Device Development (Topic 20) (link) Abstracts Due April 17, 2020, 4:00 p.m. Eastern; Full Due May 29, 2020, 4:00 p.m. Eastern – DARPA DSO intends to make at least one award of up to $100,000 and one year duration as a result of this process.

Detecting the Presence of Artificially Intelligent Systems (Topic 21) (link) – Abstracts Due April 20, 2020, 4:00 p.m. Eastern; Full Due June 04, 2020, 4:00 p.m. Eastern –
DARPA DSO intends to make at least one award of up to $100,000 and one year duration as a result of this process.

**DOD Long-Term Opportunities**

**New** United States Military Academy Broad Agency Announcement ([link](#)) – This BAA is a continuously open announcement valid throughout the period from April 1, 2020 through March 31, 2025, unless announced otherwise. Prospective proposers are requested to submit whitepapers prior to the submission of a complete, more detailed proposal. – 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.

**Department of Energy (DOE)**

**New** **FY 2020 Research and Development for Next Generation Nuclear Physics Accelerator Facilities** ([link](#)) – Full Due May 15, 2020 – The award size will depend on the number of meritorious applications and the availability of appropriated funds. Ceiling: $2,000,000 for two years; Floor: $10,000 for two years.

**New** **FAIR Data and Models for Artificial Intelligence and Machine Learning** ([link](#)) – LOI Due April 17, 2020; Full Due May 15, 2020 - The award size will depend on the number of meritorious applications and the availability of appropriated funds. Ceiling: $750,000 per year; Floor: $150,000 per year

**New** **Educational Materials for Professional Organizations Working on Efficiency and Renewable Energy Developments (EMPOWERED)** ([link](#)) – Concept Paper Due May 5, 2020; Full Due July 8, 2020 – Topic 1: EERE may issue approximately 1-2 awards in this topic area. Individual awards may vary between $1 and $2.25 million. Topic 2: EERE may issue approximately 1-2 awards in this topic area. Individual awards may vary between $1 and $2.25 million.

**New** **Joint FY20 Bioenergy and Advanced Manufacturing FOA BOTTLE: Bio-Optimized Technologies to keep Thermoplastics out of Landfills and the Environment** ([link](#)) – Deadlines Extended: Concept Paper Due April 29, 2020; Full Due July 2, 2020 – A total of $25,000,000 in current and future fiscal year funds is expected to be available to support up to 10 awards totaling between $1,500,000 and $2,500,000.

**Health and Human Services (HHS)**

**R** **Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation’s Health** ([link](#)) – Full proposal due April 29, 2020 – Up to 40 awards ranging between $25,000 and $3,500,000 are expected to be awarded.
National Institutes of Health (NIH)

New **BRAIN Initiative: Exploratory Team-Research BRAIN Circuit Programs – eTeamBCP (U01 Clinical Trials Optional) (link)** – LOI Due June 14, 2020; Application Due July 14, 2020 – NIH BRAIN Initiative intends to commit $12M in FY2020 to fund around 5 awards. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

NIH Standard Due Dates

New **Academic-Industrial Partnerships (AIP) to Translate and Validate In Vivo Imaging Systems (R01 Clinical Trial Optional) (link)** – Standard Due Dates: February 5, June 5, October 5 – Up to $125,000; Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

New **Translational Bioinformatics Approaches to Advance Drug Repositioning and Combination Therapy Development for Alzheimer’s Disease (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. NIA intends to commit $5 million in FY 2021 to fund 2-4 awards. Award Budget: Up tp $125,000; Application budgets are not limited but need to reflect the actual needs of the proposed project.

National Science Foundation (NSF)

New **Cyber-Physical Systems (CPS) (link)** – Full Due June 22, 2020 and December 2, 2020 – Note that Small projects are not accepted under this solicitation.

New **Civic Innovation Challenge (link)** – Stage 1 Due July 1, 2020; Stage 2 Due March 31, 2021 – Up to 12 $50,000 planning grants per track (Stage 1) and up to four $1,000,000 full awards per track (Stage 2) are anticipated, subject to the quality of proposals and availability of funds. Only awardees of Stage 1 will be eligible to submit proposals for Stage 2. In the second stage (Stage 2), up to four teams per track will be selected from Stage 1 award recipients to receive a full award — each with a budget of up to $1,000,000 for up to 12 months to execute and evaluate their research-centered pilot projects.

New **Disrupting Operations of Illicit Supply Networks (D-ISN) (link)** – Full Due July 1, 2020 – Track 1: Research Grants with a budget of no more than $1,000,000 and a maximum duration of 5 years. Track 2: Planning Grants with a total budget of no more than $250,000 and a maximum duration of 24 months.

New **Dear Colleague Letter: Cybersecurity Education in the Age of Artificial Intelligence (link)**
Future Manufacturing (FM) ([link]) – LOI Due April 10, 2020; Full Due June 5, 2020 – NSF estimates $40,000,000 will be allocated for up to 20 awards ranging from 2-5 years.

Computer Science for All (CS forAll: Research and RPPs) ([link]) – Full proposal due April 13, 2020. NSF estimates $240,000,000 will be allocated for up to 27 awards. Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.

Now Available: NSF-approved Biographical Sketch and Current and Pending Support Formats (SciENcv and NSF Fillable PDF)

For NSF-Approved Formats for the Biographical Sketch ([link])
For NSF-Approved Formats for Current and Pending ([link])

NSF’s Research.gov – About Proposal Preparation and Submission

The Research.gov Proposal Submission System modernizes proposal preparation and submission capabilities by improving the user experience while also reducing administrative burden through an intuitive interface and expanded automated proposal compliance checking. The new system is being developed incrementally and as capabilities are migrated from FastLane to Research.gov, the system features will expand until it eventually replaces FastLane for proposal preparation and submission.

Access the Research.gov Proposal Submission System.

For more information about Research.gov, please visit this link.

Student/Postdoctoral Opportunities

New Texas Sea Grant College Program's Grants-In-Aid of Graduate Research Program Request for Proposals FY2020-2022 ([link]) – Applications Due May 1, 2020 – Proposals may request no more than $2,500. Funds may be used only for expenses directly related to the student’s graduate research, such as fieldwork expenses, laboratory analysis, purchase of testing materials, etc. Funds are not to be used for travel to present at meetings or conferences, capital equipment, salaries, tuition, or room and board during the school year.

Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Grants for Research Fellowship (GRF) – ([link]) Full Due April 27, 2020 – The grant may cover a combination of the following: Tuition and fees, Monthly stipend, and Transportation Research Board (TRB) Annual Meeting travel.
Junior Faculty Opportunities

Young Investigator Programs

https://tees.tamu.edu/research-development/young-investigator-programs/index.html

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.

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

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/.
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)

**EERE Request for Information (DE-FOA-0002291) on the Building Technologies Office’s Draft Connected Communities Funding Opportunity Announcement Webinar**
April 15, 2020
3:00 p.m. - 5:00 p.m. ET (2:00 p.m. - 4:00 p.m. CT)
[Registration](#)

**ASEE Webinar: “What’s Your Story? Using Storytelling to Propel Research and Teaching”**
April 9, 2020
1:00 p.m. - 2:00 p.m. ET (12:00 p.m. - 1:00 p.m. CT)
[Information and Registration](#)

**Doing Business with DTRA Webinar (Hosted by the Defense Threat Reduction Agency’s Chemical and Biological Department (DTRA CB))**
April 29, 2020
1:00 p.m. - 2:00 p.m. ET (12:00 p.m. - 1:00 p.m. CT)
[Information and Registration](#) – Space is limited. Register by April 24, 2020.

**NSF Electronic Research Administration Forum**
May 14, 2020
1:00 p.m. - 2:30 p.m. ET (12:00 p.m. - 1:30 p.m. CT)
[Information and Registration](#) – To assist the community about these new requirements and to start using SciENcv now, NSF and NIH are planning to conduct a joint webinar that will include a walk-through of how to prepare the Biographical Sketch
and Current and Pending Support documents in SciENcv. Information will be provided as soon as it is available, and we encourage you to sign up for notifications.

Seminars/Events/Workshops for All Faculty

2020 International Science of Team Science (SciTS) Conference
June 1-4, 2020
Virtual Conference
Information and Registration

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.