A database with a more in-depth review of funding opportunities including details such as funding size, sponsor, and topic can be found HERE.

(Items denoted with: LS – Limited Submission, JF – Junior Faculty)

**LIMITED SUBMISSIONS**

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 here.

**Brain Research Foundation Scientific Innovations Award** (link) – Internal Proposal Due May 6, 2020

**Engineering Research Visioning Alliance (ERVA): Future Research Directions for the Engineering Research Community** (link) – Internal Proposal Due May 11, 2020

**Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants** (link) – Internal Proposal Due June 3, 2020

**NSF Research Experiences for Teachers (RET) in Engineering and Computer Science – Supplements and Sites** (link) – Internal Proposal Due June 25, 2020

**NEW – EXTERNAL**

**Department of Commerce (DOC)**

**NIST Standards Services Curricula Development Cooperative Agreement Program (SSCD CAP)** (link) – Full Due June 15, 2020 – In Fiscal Year 2020 (FY20), NIST anticipates funding up to eight (8) awards in the range of $25,000 to $75,000, with a project performance period of up to two years. The awards will be fully funded in the first year.

**NIST National Initiative for Cybersecurity Education (NICE) K12 Cybersecurity Education Outreach Program** (link) – Full Due June 1, 2020 – In Fiscal Year 2020 (FY20), NIST anticipates funding one award for approximately $150,000 per year for up to five (5) years with the possibility of converting this award to an institutional award at the conclusion of the award period. The award will be fully funded in the first year.
Department of Defense (DOD)

**DARPA Invisible Headlights (IH)** (link) – Abstract Due May 8, 2020; Full Due June 17, 2020 – DARPA anticipates one or more awards in Technical Area 1 and one or more awards in Technical Area 2. The level of funding for individual awards made under this BAA will depend on the quality of the proposals received and the availability of funds.

**2020 Office of Naval Research (ONR) Global Research Opportunity: Global-X Challenge** (link) – White Papers Due May 25, 2020; Full Due July 13, 2020 – Up to $750,000 available for a nine-month initial period of performance for each grant awarded under the Global-X Challenge, with additional ONR Global funding possible for an additional nine month optional research effort, following successful concept demonstration. Total grant award values, including the initial and additional optional research period, will not exceed $1,000,000. ONR Global may award one grant or multiple grants.

**DARPA Adaptive Warfighting Architectures** (link) – Abstracts may be submitted on a rolling basis until March 15, 2021; Full Proposals may be submitted on a rolling basis until April 14, 2021 – 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.

Department of Energy (DOE)

**Quantum Information Science Research for Fusion Energy Sciences** (link) – LOI Due May 15, 2020; Full Due June 12, 2020 – DOE anticipates that the value of grants made under this FOA will be between $7,000,000 and $12,000,000. Ceiling: $1,000,000 per year; Floor: $50,000 per year

**ARPA-E Ultrahigh Temperature Impervious Materials Advancing Turbine Efficiency (ULTIMATE)** (link) – Concept Papers Due June 5, 2020; Full Due: TBD – Approximately $28 million, subject to the availability of appropriated funds to be shared between FOAs DE-FOA-0002337 and DE-FOA-0002338. ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $250,000 and $10 million.

**ARPA-E Ultrahigh Temperature Impervious Materials Advancing Turbine Efficiency (ULTIMATE) SBIR/STTR** (link) – Concept Papers Due June 5, 2020; Full Due: TBD – Approximately $28 million, subject to the availability of appropriated funds to be shared between FOAs DE-FOA-0002337 and DE-FOA-0002338. ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $256,580 and $3,677,642.

**High Performance Computing for Energy Innovation (HPC4EI) Spring 2020 Notice of Intent** (link) – Eligibility for the program is limited to entities that manufacture products or operate systems in the U.S. for commercial applications and organizations that support them. Selected projects will be awarded up to $300,000 to support computing cycles and work performed by DOE National Laboratories, universities, and non-profit partners. All DOE National Laboratories are eligible to participate. The industry partner must provide a participant contribution of at least 20% of the total project funding.
National Aeronautics and Space Administration (NASA)

**ROSES 2020: Advanced Component Technology** (link) – NOI Due May 22, 2020; Full Due July 21, 2020 – It is anticipated that a total of 12 proposals will be selected and the value of each will be approximately $400K per year per proposal for a 3-year proposal and approximately $600K per year for a 2-year proposal. A preproposal bidder’s conference will be held Monday, May 18 at 1:00 PM Eastern Time, Phone: 1-844-467-6272, Passcode: 831772.

National Institutes of Health (NIH)

**New Informatics Tools and Methods to Enhance U.S. Cancer Surveillance Research (U01 Clinical Trial Optional)** (link) – LOI Due 30 Days Prior to Application; Application Due November 18, 2020, and June 6, 2021 – 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.

**Notice to Extend the Response Date for NOT-AR-20-009 "Request for Information (RFI): Input to Advance Artificial Intelligence (AI)-ready Data Generation and Scalable Computational Approaches in NIAMS Research"** (link) – Extended Deadline: Responses Due July 1, 2020

**Notice of Intent to Publish a Funding Opportunity Announcement for PHS 2020 Omnibus Solicitations of the NIH, CDC, and FDA for Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Grant Applications** (link) – Estimated Publication Date of Funding Opportunity Announcement: May 22, 2020; First Estimated Application Due Date: September 8, 2020

National Science Foundation (NSF)

**NSF Program on Fairness in Artificial Intelligence in Collaboration with Amazon (FAI)** (link) – Full Due July 13, 2020 – Estimated Number of Awards: 6 to 10; Award Size: $750,000 up to a maximum of $1,250,000 for periods of up to 3 years; Anticipated Funding Amount: $7,600,000

**Edward Mallinckrodt, Jr. Foundation**

**Mallinckrodt Grants** (link) – Application Due August 1, 2020 – Grants are usually $60,000 and funding commences on October 1. No indirect costs are allowed. Salary is acceptable.

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**PREVIOUSLY NOTATED OPPORTUNITIES**

NSF-Approved Formats for the Biographical Sketch

Use of an NSF-approved format for the biographical sketch will be required upon implementation of the PAPPG (NSF 20-1), for all proposals submitted or due on or after June 1, 2020. NSF recently recorded a webinar on the use of NSF-approved formats.

Approved formats for creating biographical sketches are:

- SciENcv - (AVAILABLE NOW - [link](#))
- NSF Fillable PDF - (AVAILABLE NOW - [link](#)) – PDF also attached.
Texas A&M University, Texas A&M Health Science Center, Texas A&M Engineering Experiment Station and Texas A&M AgriLife Research Research Development Fund (RDF) (link) – Deadline extended to April 27, 2020.
DARPA Polyplexus Pilot Topic Opportunity Notice Simulation Enablement through Auto-Generation of Surrogate Models (Topic 22) (link)
AFOSR/ARO/ONR Fiscal Year 2021 Defense University Instrumentation Program (DURIP) (link)
AFOSR/ARO/ONR Fiscal Year (FY) 2021 Department of Defense Multidisciplinary Research Program of the University Research Initiative (MURI) (link)
ARPA-E Galvanizing Advances in Market-Aligned Fusion for an Overabundance of Watts (GAMOW) (link)
NIH Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32) (link)
NSF Signals in the Soil (SitS) (link)
NSF Expeditions in Computing (link)

Junior Faculty Opportunities

CURRENT & FUTURE

- Young Investigators Programs (link)
- Junior Faculty Targeted Funding Opportunities (link)
- Young Investigator Awards (link)
- AFOSR Air Force Fiscal Year 2021 Young Investigator Research Program (YIP) (link) – White Papers Due May 14, 2020; Full Due July 14, 2020 – Most YIP awards are funded up to $150,000 per year for three years, for a total of $450,000. Each three year budget must not exceed $150,000; regardless if the total budget is $450,000.
- Faculty Early Career Development Program (CAREER) (link) – Full (for All Directorates) Due July 27, 2020 – Estimated Number of Awards: 500 per year; Anticipated Funding Amount: $250,000,000.

Funds are 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 zjpei@tamu.edu for more information.
**Student/Postdoctoral Opportunities**

**CURRENT & FUTURE**

*DOE Office of Science Graduate Student Research (SCGSR) Program (link)*
*G.R.A.D. Aggies Workshops - (link) Spring 2020*

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**Upcoming Events**

*For all events, registration, and information, please visit (link).*

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**INTERNAL**

**TEES NSF CAREER Discussion Session 7 – Previous Awardees**  
Wednesday, April 29, 12:00 p.m. - 1:00 p.m.  
Virtual Session via Zoom: [https://tamu.zoom.us/j/255371034](https://tamu.zoom.us/j/255371034)  
Meeting ID: 255 371 034

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**EXTERNAL**

**ASEE Webinar: “What’s Your Story? Using Storytelling to Propel Research and Teaching”** – (From April 9, 2020)  
Recording: [http://asee.adobeconnect.com/eve0t56v6dmx/event/registration.html](http://asee.adobeconnect.com/eve0t56v6dmx/event/registration.html) (email sign-in required)  
**EERE Marine Energy Foundational Research and Testing Infrastructure Webinar**  
**Information** – A recorded informational webinar will be available April 15, 2020 to provide information on the FOA to potential applicants.  
**2020 Office of Naval Research (ONR) Global Research Opportunity: Global-X Challenge Kick-off**  
Webinar  
April 23, 2020, 7:00 a.m. ET (8:00 a.m. CT)  
**Registration**

**ASEE Introducing IPERF: Innovative Research Opportunities and Professional Development for the Modern Postdoc Webinar**  
April 23, 2020  
**Registration**

**Doing Business with DTRA Webinar (Hosted by the Defense Threat Reduction Agency’s Chemical and Biological Department (DTRA CB))**  
April 29, 2020  
**Information and Registration** – Registration closed; sign up to be notified when the recording is available.  
**NSF Electronic Research Administration Forum**  
May 14, 2020  
**Information and Registration**
2020 International Science of Team Science (SciTS) Conference
June 1-4, 2020
Information and Registration

Resources

- NSF Broader Impact Expo List of Resources (link)
- Funding Opportunities Spreadsheet (link)
- Facilities (link)
- Education/Broader Impacts Requirements (link)

TEES RESEARCH DEVELOPMENT – PROPOSAL DEVELOPMENT SERVICES

- NSF CAREER workshops geared towards supporting junior faculty
- Proofreading, editing, and rewriting to refine project narratives and summaries
- Graphics
- Quality Check proposal packages for completion and compliance
- Format and update supplementary documents to have cohesive appearance on large proposals
- Develop checklists based on the solicitation
- Develop templates for supplementary documents and draft budget justification
- Serve as liaison between SRS and subcontractors.

RESEARCH DEVELOPMENT TEAM
Dr. Sharmila Pathikonda, Sharon McCord, Amber Mastrobattista, and Dr. Sindhu Jose
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Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email proposalsupport@tamu.edu.