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** Alfred P. Sloan Foundation 2020 Sloan Research Fellowships – Email of Intent Due August 27, 2019; Internal Proposal Due August 27, 2019

**Limited Submission** NSF Critical-Zone Collaborative Network – Email of Intent Due September 4, 2019; Internal Proposal Due September 11, 2019

**Limited Submission** National Science Foundation Research Traineeship (NRT) Program – Email of Intent Due September 6, 2019; Internal Proposal Due September 13, 2019

**Limited Submission** Gordon and Betty Moore Foundation Moore Inventor Fellows – Email of Intent Due October 11, 2019; Internal Proposal Due October 18, 2019

**Airbus**

Airbus Quantum Computing Challenge (link) – Submission Period Ends October 2019 – Winners will be offered unique opportunities for hardware access (scheduled for 2020 and
after), and to work collaboratively with our industry experts from the flight physics sector. The exact nature of the prize for each of the 5 problem statements may vary.

**DHS**

**DHS Science and Technology Directorate (S&T) Terrorism Prevention and Counterterrorism Research (TPCR) Center of Excellence (COE) – Center Partner** ([link](#)) – Due September 13, 2019 – Up to $500,000; total will be distributed over the two year period of performance (Subject to availability of funds and project execution); Projected number of Awards: Up to 3; there may be zero awards

**DHS S&T Terrorism Prevention and Counterterrorism Research (TPCR) Center of Excellence (COE) – Lead** ([link](#)) – Due September 13, 2019 – Up to $3,650,000 (subject to availability of funds) per year for 10 years; Projected number of Awards: 1 (one)

**DOD**

**New Minerva Research Initiative** ([link](#)) – White Papers Due September 12, 2019; Full Due November 19, 2019 – Total Amount of Funding Available: $2.0M over 2 years; Anticipated Number of Awards: 5–6; Anticipated Range of Individual Award Amounts: $200,000/year; Anticipated Period of Performance: 2 years

**New DARPA Nature as Computer (NAC)** ([link](#)) – Due September 3, 2019 – The total award value for the combined Phase 1 base and Phase 2 option is limited to $1,000,000. This total award value includes Government funding and performer cost share (if required). Proposers must include cost share (if required) for each proposed Phase in their proposal.

**New DARPA Symbiotic Design for Cyber Physical Systems** ([link](#)) – Abstract Due August 29, 2019; Proposal Due October 14, 2019 – DARPA anticipates multiple awards in technical areas (TAs) 1 and 2 and no more than two awards in TA3. The level of funding for individual awards made under this solicitation has not been predetermined and will depend on the quality of the proposals received and the availability of funds.

**New Congressionally Directed Medical Research Programs (CDMRP) Funding Opportunities and Pre-announcements** ([link](#)) – Chronic Pain Management Research Program, Duchenne Muscular Dystrophy Research Program – Due Dates and Awards Vary for Each Mechanism

**DARPA Biological Technologies** ([link](#)) – Proposal Abstracts and Full Proposals will be accepted on a rolling basis until April 23, 2020, 4:00 PM ET. – 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.

**DARPA Disruptive Capabilities for Future Warfare** ([link](#)) – Due June 11, 2020 – 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. Initial awards are anticipated to be for less than $1 million and less than 18 months duration, although options that follow the base effort may also be proposed.

**DARPA DSO Office-wide Broad Agency Announcement** ([link](#)) – Executive Summary, Abstract and Full Due June 12, 2020 – DARPA anticipates multiple awards. 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. Awards will be made to proposers1 whose proposals are determined to be the most advantageous to the Government, all evaluation factors considered.
DOD Long-Term Opportunities

**DARPA Microsystems Technology Office (MTO) Microsystems Exploration** *(link)* – Due dates will be listed for topics issued under this PA. This PA closes on July 10, 2020. – Multiple awards are anticipated. The amount of resources made available under each Microsystem Exploration Topic (μE) topic issued under DARPA-PA-19-04 will depend on the quality of the proposals received and the availability of funds. **Note:** Microsystems Exploration Topics, or μEs, will be announced via Pre-Solicitation Notices issued under this Program Announcement (PA). These μE topics will solicit proposals and will be open for at least 30 days from publication at [https://www.fbo.gov/](https://www.fbo.gov/). μEs will describe short-duration, fast-paced projects comprising one or two phases as described below. Each μE will fund research that leads to prototype development that results in new game-changing technologies for U.S. national security.

**ARL Broad Agency Announcement (BAA) for Basic and Applied Scientific Research for Fiscal Years 2017 through 2022 Amendment 7** *(link)* – This BAA is a continuously open announcement valid throughout the period from the date of issuance through March 31, 2022, unless announced otherwise. – The ACC-APG-RTP Division has the authority to award a variety of instruments on behalf of ARL. Anticipated awards will be made in the form of contracts, grants, cooperative agreements, technology investment agreements (TIAs), or other transactions for prototypes (OTAs).

**ARO Broad Agency Announcement (BAA) for Fundamental Research for 1 April 2017 - 31 March 2022 Amendment 4** *(link)* – This BAA is a continuously open announcement valid throughout the period from the date of issuance through 31 March 2022, unless announced otherwise. – The ACC-APG RTP Division has the authority to award a variety of instruments on behalf of ARO. Anticipated awards will be made in the form of contracts, grants, cooperative agreements, technology investment agreements (TIAs), or other transactions for prototypes (OTAs).

**DOE**

**New FY2020 SBIR/STTR Phase I Release 1** *(link)* – LOI Due September 3, 2019; Full Due October 15, 2019 – Ceiling (i.e., the maximum amount for an individual award made under this FOA): $200,000 for SBIR and STTR grants, but see each topic for its respective maximum award size.

**American-Made Challenges Waves to Water Prize** *(link)* – Stage I: Concept: Open until September 11, 2019 – Up to 20 winners will receive a $10,000 prize. (The Waves to Water Prize is a 4-Stage, $2.5M contest to accelerate technology innovation in wave energy powered desalination systems.)

**Facebook Research**

**New Facebook Fellowship Program** *(link)* – Applications Due October 4, 2019 – The program is open to students in any year of their PhD study and supports talented students from traditionally underrepresented minority groups. Winners of the Fellowship are entitled to receive two years of tuition and fees paid, a stipend of $37,000 each year and up to $5,000 in conference travel support.
Gordon and Betty Moore Foundation

**New** Limited Submission Moore Inventor Fellows (link) – Nominations Due November 15, 2019; Full Proposal Due December 13, 2019 – Each fellow will receive funding for three years at a level of $200,000 per year from the foundation. In addition, the foundation will provide the host institution with $25,000 each year to cover costs associated with administering the grant award, resulting in a total three-year award amount of $675,000. Each host institution will be required to contribute $50,000 in annual direct support of the inventor’s work. This can be “in kind” as released time or access to special facilities for which there is normally a charge.

NIH

**R** Leveraging Big Data Science to Elucidate the Neural Mechanisms of Addiction and Substance Use Disorder (R01 - Clinical Trials Not Allowed) (link) – LOI Due 30 Days Prior to Application; Application Due November 14, 2019 – NIDA intends to commit $1M in FY2020 to fund 3-5 awards from this R01 and the R21. Future year amounts will depend on annual appropriations. Award Budget: Application budgets are limited to direct costs of $350k.

**R** Leveraging Big Data Science to Elucidate the Neural Mechanisms of Addiction and Substance Use Disorder (R21-Clinical Trials Not Allowed) (link) – LOI Due 30 Days Prior to Application; Application Due November 14, 2019 – NIDA intends to commit $1M in FY2020 to fund 3-5 awards from this R21 and the R01. Future year amounts will depend on annual appropriations. 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

**R** Microbial-based Cancer Therapy – Bugs as Drugs (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. Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years.

**R** Microbial-based Cancer Therapy – Bugs as Drugs (R21 Clinical Trial Not Allowed) (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. 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. The maximum project period is 2 years.

NSF

**New** Dear Colleague Letter: Understanding the Overturning Circulation in the North Atlantic Ocean (link)

**New** Dear Colleague Letter: Research to Improve STEM Teaching and Learning, and Workforce Development for Persons with Disabilities (link)

**R** Innovative Technology Experiences for Students and Teachers (ITEST) (link) – Full Due August 19, 2019 – 6 to 8 awards for Exploring Theory and Design Principles for Innovations
(ETD) with durations up to three years and budgets up to $400,000; 8 to 10 awards for Developing and Testing Innovations (DTI) with durations up to four years and budgets up to $1,500,000; 3 to 5 awards for Scaling, Expanding, and Iterating Innovations (SEI) with durations up to five years and budgets up to $3,000,000; 2 to 3 awards for Syntheses with durations up to two years and budgets up to $300,000; and 2 to 3 awards for Conferences with durations of one year and budgets up to $100,000. In addition, ITEST intends to fund one Resource Center with duration up to three years and total funding up to $4,000,000 in FY 2020. This award may be made as a continuing award.

**Research Experiences for Undergraduates – Sites and Supplements** ([link](#)) – Full Due August 28, 2019 – Estimated Total Program Funding: $76,370,000; Estimated Number of Awards: 1,750 to 1,800. This estimate includes approximately 180 new Site awards and 1,600 new Supplement awards each year.

**NSF Convergence Accelerator** ([link](#)) – Full Proposals Accepted Anytime (Due dates will be announced via Dear Colleague Letters, Program Announcements, and Solicitations.) – PD 19-095Y

**EEC Broadening Participation in Engineering (BPE)** ([link](#)) – Full Proposal Accepted Anytime – PD 19-7680 – The average award size for a BPE research grant is $350,000 for 36 months. Principal Investigators who wish to submit a proposal with a budget greater than $350,000 must contact the cognizant program officer prior to submission. The BPE program does not provide support for undergraduate tuition.

**Requests for Information/Notices of Intent**

**Institute of Industrial & Systems Engineers (IISE) Scholarships and Fellowships** ([link](#)) – Students may not apply directly for any scholarships with the exception of the Vinod and Gail Sahney Scholarship. They must be nominated by IE department heads or faculty advisors and nominations must be submitted to the Institute headquarters by Nov. 15. Scholarship nominations open Sept. 1. – The awards are valued up to $4,000.

**Student/Postdoctoral Opportunities**

**New Facebook Research Facebook Fellowship Program** ([link](#)) – Applications Due October 4, 2019 – The program is open to students in any year of their PhD study and supports talented students from traditionally underrepresented minority groups. Winners of the Fellowship are entitled to receive two years of tuition and fees paid, a stipend of $37,000 each year and up to $5,000 in conference travel support.

**TAMU Datathon**
October 19-20, 2019
Texas A&M Campus
**Information and Registration** – Register soon, limited to 300 attendees.

**Capital of Texas Undergraduate Research Conference (CTURC)**
November 16, 2019
University of Texas at Austin, Austin, TX
**Information and Registration** – The registration and abstract submission deadline is October 4, 2019. CTURC allows undergraduate researchers, from all majors and schools in Texas, to
present their original research. The three different presentation styles will include a Poster Presentation, Oral Google Slides Presentation or an Oral Presentation of Creative Works.

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**

**Poster Competition** – September 1 – Application period will close at midnight. Please complete the online submission form by then and include the link to your YouTube video. The PDF of your poster must be submitted to Box, no later than September 10.

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**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/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 zijpei@tamu.edu for more information.

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**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/](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.

### Proposers Days/Webinars

*(All times Central unless otherwise noted)*

**NSF 19-044 DCL: Fundamental Discipline-Based Education Research (DBER) Outreach Webinar** *(Focused on Undergraduate and Graduate STEM Education within the ECR Program)*

- August 15, 2019
- 2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)
- [Information and Registration](#)


- August 16, 2019
- 9:30 a.m. CT
- [Information](#) – See Pre-Proposal Conference Information under Other Documents. Audio and video will be provided via Adobe Connect.

**NSF 19-033 ECR Dear Colleague Letter Outreach Webinar** *(Research to Improve STEM Teaching and Learning, Workforce Development for Persons with Disabilities)*

- August 19, 2019
- 2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)
- [Information and Registration](#)

**NSF 19-035 DCL: Fundamental Research on Equity, Inclusion, and Ethics Outreach Webinar** *(Postsecondary Academic Workplaces and the Academic Profession within the EHR Core Research Program)*

- August 20, 2019
2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)
Information and Registration

DARPA Young Faculty Awards (YFA) Proposers Day Webcast
August 21, 2019
1:00 p.m. - 3:00 p.m. ET (12:00 p.m. - 2:00 p.m. CT)
Information and Registration – Registration closes August 16, 2019, or when capacity is reached.

NSF 19-025 DCL: STEM Workforce Development Using Flexible Personal Learning Environments (Outreach Webinar)
August 21, 2019
2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)
Information and Registration

NASA Innovative Advanced Concepts (NIAC) Phase I Proposer’s Virtual Forum
August 22, 2019
1:00 p.m. - 3:00 p.m. ET (12:00 p.m. - 2:00 p.m. CT)
Information – See NIAC Proposers Virtual Forum Information under Other Documents. The forum will be held through WebEx.

DARPA Control of Revolutionary Aircraft with Novel Effecters (CRANE) Proposers Day
August 26, 2019
8:30 a.m. - 12:00 p.m. ET
Executive Conference Center, 4075 Wilson Blvd., Suite 300, Arlington, VA
Information and Registration – Registration closes on August 20, 2019, or when capacity is reached.

DARPA Semantic Forensics (SemaFor) Proposers Day
August 28, 2019
8:00 a.m. ET
DARPA Conference Center, 675 N. Randolph Street, Arlington, VA
Information and Registration – Registration closes August 21, 2019, or when capacity is reached.

DARPA ReSource Proposers Day Meeting & Webinar
August 29, 2019
8:00 a.m. ET
Embassy Suites by Hilton, Phoenix Downtown North, Phoenix, AZ
Information and Registration – Registration for the in-person meeting closes at 12:00 PM EDT on August 23, 2019, or when capacity is reached. Registration for online participation closes at 12:00 PM EDT on August 27, 2019.

Seminars/Events/Workshops for All Faculty
http://tees.tamu.edu/researchsupport/events/
Hanover Research – WEBINAR: Success with SBIR and STTR Funding
August 29, 2019
12:00 p.m. - 12:45 p.m. ET (11:00 a.m. - 11:45 a.m. CT)
Information and Registration

Texas A&M Conference on Energy
September 23-25, 2019
Memorial Student Center
Information and Registration

Defense TechConnect Fall Conference & Expo
October 8-10, 2019
National Harbor, MD
Information and Registration

TAMU Datathon
October 19-20, 2019
Texas A&M Campus
Information and Registration – Register soon, limited to 300 attendees.

The Mary Kay O'Connor Process Safety Center 2019 International Symposium
October 22-24, 2019
Texas A&M Hotel and Conference Center
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 – Registration information will be available around August 20.

2019 Chemical and Biological Defense Science & Technology (CBD S&T) Conference
November 18-21, 2019
Duke Energy Convention Center, Cincinnati, OH
Information and Registration

Amazon Web Services – re:Invent Conference
December 2-6, 2019
Las Vegas, NV
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.