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 shelley.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** **American Honda Foundation Grants** – Email of Intent Due June 3, 2019; Internal Proposal Due June 10, 2019

**Limited Submission** **W.M. Keck Foundation Keck Research Program** – Email of Intent Due June 12, 2019; Internal Proposal Due June 19, 2019

**Limited Submission** **NSF Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites** – Email of Intent Due June 20, 2019; Internal Proposal Due June 27, 2019

**Limited Submission** **NSF Innovations in Graduate Education (IGE) Program** – Email of Intent Due July 3, 2019; Internal Proposal Due July 11, 2019

**Limited Submission** **NIH NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25)** – Due to the large number of limited submission opportunities available, we have decided to institute a Declaration of Intent to Submit process. If there is no interest in a particular opportunity, there is no need to go through the entire limited submission process. However, if the declarations of intent exceed the sponsor

**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.
limit, we will set dates for an internal limited submission competition. If you are interested in submitting a proposal for the above titled opportunity, please email limitedsubmissions@tamu.edu and include the sponsor name, program name, title of your proposal and a one to three sentence description of the project by July 15, 2019.

American Honda Foundation

New Limited Submission American Honda Foundation Grants (link) – Due August 1, 2019 (Also, Due February 1) – The grant range is from $20,000 to $75,000 over a one-year period.

DOC

New NIST Economic Research and Analysis of the National Need for Technology Infrastructure to Support the Internet of Things (IoT) (link) – Full Due July 24, 2019 – In Fiscal Year 2019 (FY19), NIST anticipates funding one award for approximately $400,000 with a project performance period of (2) years. The award will be fully funded in the first year.

NIST Measurement Science and Engineering (MSE) Research Grant Programs (link) – Applications will be accepted and considered on a rolling basis as they are received. The announcement remains active until a new announcement is issued. – Funding amounts vary by program

NOAA FY 2018-2020 – Broad Agency Announcement (BAA) Announcement Type: Initial (link) – Due September 30, 2020 – There are no funds specifically appropriated by Congress for this BAA. Funding for potential projects in this notice is contingent upon the availability of Fiscal Year 2018, Fiscal Year 2019, and Fiscal Year 2020 appropriations.

DOD

New AI/ML Research for Expeditionary Maneuver and Air/Ground Reconnaissance Special Notice (link) – White Paper Due June 3, 2019


Fiscal Year (FY) 2020 Department of Defense Multidisciplinary Research Program of the University Research Initiative (MURI) Synopsis 2 (ONR Announcement #N00014-19-S-F005, ARO Announcement # W911NF-19-S-0008, and AFOSR Announcement # FOA-AFRL-AFOSR-2019-0002) (link) – White Paper Due June 3, 2019; Application Due September 13, 2019 – The total amount of funding for the five years available for grants resulting from this MURI FOA is estimated to be approximately $180 million dollars pending out-year appropriations. MURI awards are contingent on availability of funds, the specific topic, and the scope of the proposed work. Typical annual funding per grant is in the $1.25M to $1.5M range.

Development of Quantum Algorithms (link) – White Paper Due June 5, 2019; Full Due August 1, 2019 – Anticipated awards will be made in the form of procurement contracts, grants, or cooperative agreements, and are subject to the availability of appropriations. Funding for the second year and beyond will be contingent upon satisfactory performance and the availability of funds.
Highly Stable High Fidelity Trapped Ion Systems (link) – White Paper Due June 11, 2019; Full Due August 16, 2019 – Anticipated awards will be made in the form of procurement contracts, grants, or cooperative agreements, and are subject to the availability of appropriations. Funding for the second year and beyond will be contingent upon satisfactory performance and the availability of funds.

DARPA Disruptive Capabilities for Future Warfare (link) – Full Due June 11, 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. 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 Program Announcement for Artificial Intelligence Exploration (AIE) (link) – Due July 20, 2019 – Multiple awards are anticipated. The amount of resources made available under each AIE Opportunity issued under DARPA-PA-18-02 will depend on the quality of the proposals received and the availability of funds.

DARPA Polyplexus Pilot 2 (link) – Final Abstract Due August 14, 2019; Final Full Due September 3, 2019 – Approximately 10 awards at the $100,000 level are anticipated throughout the duration of this Broad Agency Announcement (BAA); however, the level of funding for individual awards made under this solicitation has not been predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds.

ONR Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science & Technology (link) – The Government reserves the right not to review proposals submitted after 30 September 2019, or after a successor to this Long Range BAA is issued, whichever occurs first. – The funded amount and period of performance of each proposal selected for award may vary depending on the research area and the technical approach to be pursued by the offeror selected.

DTRA Fundamental Research to Counter Weapons of Mass Destruction (link) – Due September 30, 2019 – Grants resulting from submissions to Thrust Areas 1-7, including topics associated with these thrust areas, may range from small dollar value (e.g., $25K) up to $1M annually (total, including both direct and indirect costs) depending on the nature and the scope of work.

2019 Engineer Research and Development Center (ERDC) Broad Agency Announcement (link) – Closes January 31, 2020

DARPA Strategic Technologies (link) – Due February 28, 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.

DOD Long-Term Opportunities

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).
DARPA Microsystems Technology Office (MTO) Office-Wide (link) – Abstracts may be submitted on a rolling basis until 1:00 p.m. on May 26, 2020; Proposals Due June 26, 2020 – Multiple awards are anticipated.

National Geospatial-Intelligence Agency Academic Research Program (NARP) (link) – White papers will be accepted on a continuous, rolling basis and may be submitted at any time before 11:59 p.m. EDT on 31 September 2021. Proposals, if requested, may be submitted at any time until the closing date of 31 December 2021 at 11:59 p.m. EST. – NURI awards are expected to have not more than a 24-month base period and a value of up to $400,000, with up to three one-year options valued at up to $200,000 per option year. NIP award grants are expected to have a 24-month base period valued up to $200,000, with up to one-year option valued at $100,000. NRCF grants are normally less than $30,000 per event based on merit.

Broad Agency Announcement for the Army Rapid Capabilities Office (link) – Due March 23, 2023; Open continuously for the next 5 years – In anticipation, but not limited to, three to twelve month period of performance awards, with dollar amounts ranging from $500,000 to $2,000,000 may be expected.

United States Special Operations Command Broad Agency Announcement (BAA) for Extramural Biomedical Research and Development (link) – It is continuously open for a 5-year period, from 1 August 2018 closing 31 July 2023, 11:59 p.m. Eastern Time. – The Anticipated total costs budgeted for the entire period of performance will not exceed $3 Million annually. The number of awards is indeterminate and contingent upon funding availability.

AFRL RV-RD Assistance Instruments Announcement (link) – Closes December 19, 2023. Proposals may be submitted any time during this 5 year period and are evaluated as they are received. – The Government anticipates awarding multiple assistance instruments of various values and periods of performance under this FOA.

DOE

DOE Long-Term Opportunities

FY2019 Continuation of Solicitation for the Office of Science Financial Assistance Program (link) – This Funding Opportunity Announcement (FOA) will remain open until September 30, 2019 or until replaced by a successor FOA. Applications may be submitted any time during that period. A Pre-Application is optional/encouraged. – The award size will depend on the number of meritorious applications and the availability of appropriated funds. Ceiling: The largest award made under the Fiscal Year 2016 version of this FOA received no more than $4,000,000 in annual funding. Floor: The smallest award made under the Fiscal Year 2016 version of this FOA received $3,000 in annual funding.

IARPA

Passive Ionospheric Non-characterized Sounding (PINS) Challenge (link) – Registration and Algorithm Building Begins Spring 2019; Mailing list and microsite coming soon – Win prizes from a total prize purse of $150,000

NIH
New **NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25)** ([link]) – LOI Due 30 Days prior to Application; Application Due September 25, 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 limited to a maximum of $250,000 direct cost per year, and must reflect the actual needs of the proposed project.

**Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18 Independent Clinical Trial Not Allowed)** ([link]) – Due July 12, 2019 – Award budgets are composed of salary and other program-related expenses as described in the solicitation. The total project period may not exceed 2 years.

**NIH Director’s Transformative Research Awards (R01 Clinical Trial Optional)** ([link]) – Due September 20, 2019 – NIH Common Fund intends to commit approximately $8 million dollars in FY 2020 and make approximately 7 awards, depending on the size and scope of the most meritorious awards. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIH Director’s Pioneer Award Program (DP1 Clinical Trial Optional)** ([link]) – Due September 9, 2019 – NIH intends to commit approximately $8,000,000 in FY 2020 to fund approximately 7 awards. Award Budget: Awards will be for $700,000 in direct costs per year. Project period limited to 5 years.

**NIH Standard Due Dates**

**Wearable Alcohol Biosensors (STTR) (R41/R42- Clinical Trial Optional)** ([link]) – Standard Due Dates: January 5, April 5, September 5 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

**Wearable Alcohol Biosensors (SBIR) (R43/R44- Clinical Trial Optional)** ([link]) – Standard Due Dates: January 5, April 5, September 5 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

**NLM Research Grants in Biomedical Informatics and Data Science (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 limited to $250,000 per year in direct costs and need to reflect the actual needs of the proposed project.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Not Allowed)** ([link]) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Required)** ([link]) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient
number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**NHLBI Career Transition Award for Intramural Postdoctoral Fellows and Research Trainees (K22 Independent Clinical Trial Not Allowed)** (link) – Standard Due Dates: February 12, June 12, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described in the solicitation.

**NSF**

**New Limited Submission** Innovations in Graduate Education (IGE) Program (link) – Full Due September 27, 2019 – IGE Awards (6 to 10 anticipated in FY 2018) are expected to be up to three (3) years in duration with a total budget between $300,000 and $500,000.

**New Limited Submission** Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites (link) – Full Due September 18, 2019 – The total anticipated funding in FY 2018, FY 2019 and FY 2020 for both Sites and Supplements is approximately $5,800,000 per year, subject to the availability of funds. It is anticipated that approximately 9 Site awards will be made per year. The maximum total request for a Site is $600,000 for a duration of up to three years. Supplements are limited to a maximum of $10,000 per teacher and/or community college faculty for a duration of one year subject to the availability of funds.

**Secure and Trustworthy Cyberspace frontiers (SATC Frontiers)** (link) – LOI Due July 5, 2019, Full Due September 30, 2019. Award size: $5,000,000 - $10,000,000 for up to 5 years. Anticipated Total funding amount: $15,000,000 for 2 awards.

**CyberCorps® Scholarship for Service (SFS) – Defending America’s Cyberspace** (link) – Full Due July 31, 2019 – Estimated Number of Awards: 8 to 12; Anticipated Funding Amount: $15,000,000

**Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)** (link) – Full Due August 14, 2019 – CISE expects the total funding to be up to $10,000,000 each year, subject to the availability of funds. Each award will be up to $175,000 for a period of 24 months.

**Computing and Communication Foundations (CCF): Core Programs** (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM projects; October 31, 2019 - November 14, 2019 for SMALL projects – Small Projects: up to $500,000 total budget with durations up to three years; and Medium Projects: $500,001 to $1,200,000 total budget with durations up to four years.

**Computer and Network Systems (CNS): Core Programs** (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM projects; September 18, 2019 - September 25, 2019 for LARGE projects; October 31, 2019 - November 14, 2019 for SMALL projects – Small Projects: up to $500,000 total budget with durations up to three years; Medium Projects: $500,001 to $1,200,000 total budget with durations up to four years; and Large Projects: $1,200,001 to $3,000,000 total budget with durations up to five years.

**Information and Intelligent Systems (IIS): Core Programs** (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM Projects; September 18, 2019 - September 25, 2019 for LARGE Projects; October 31, 2019 - November 14, 2019 for SMALL Projects – Small Projects: up to $500,000 total budget with durations up to three years; Medium Projects:
$500,001 to $1,200,000 total budget with durations up to four years; and Large Projects:
$1,200,001 to $3,000,000 total budget with durations up to five years.

- **National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)** (link) – Full
  Due January 22, 2020 – Foundational projects will range from $250,000 to $750,000 in total
  costs for up to three years. Integrative projects will range from $500,000 to $1,500,000 in
  total costs for up to four years. Please refer to Section III for agency-specific budget criteria.

- **MPS Ceramics (CER)** (link) – Full Proposals Accepted Anytime. Investigators are advised
  that the following dates – March 15 to May 15 and July 15 to Aug. 15 – should, optimally, be
  avoided for submissions. – Estimated Number of Awards: 25; Anticipated Funding Amount:
  $10,000,000

**NSF PD Opportunities**

- **OAC Cyberinfrastructure for Emerging Science and Engineering Research (CESER)** (link)
  – Full Proposals Accepted Anytime – PD 19-7684

- **DMR Crosscutting Activities in Materials Research** (link) – Full Proposal Accepted Anytime
  – PD 18-7222

- **CMMI Advanced Manufacturing (AM)** (link) – Full Proposals Accepted Anytime –
  PD 19-008Y

- **ECCS Energy, Power, Control, and Networks (EPCN)** (link) – Full Proposal Accepted
  Anytime – PD 18-7607

**Requests for Information/Notices of Intent**

- **NIH Notice of Intent to Publish a Funding Opportunity Announcement for Innovative Programs to
  Enhance Research Training (IPERT) R25** (link) – Estimated Post Date July 25, 2019; Estimated Application Due Date October 15, 2019.

**Student/Postdoctoral Opportunities**

- **Department of State, Bureau of Educational and Cultural Affairs, FY 2020 Fulbright Student Program** (link) – Applications due June 14, 2019.

**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/young-investigator-programs/](http://tees.tamu.edu/researchsupport/young-investigator-programs/)

**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).

### eSAIL Offers CAREER/YIP Assistance for Educational Content

The Engineering Studio for Advanced Instruction and Learning (eSAIL) is comprised of eleven professionals including learning architects, instructional designers, multimedia producers, and website and application developers. The team has expertise in the following areas:

- **planning, designing and building courses that are used in undergraduate and graduate degrees, certificate programs, and professional continuing education courses**
- **development of engaging educational content for funded proposal such as CAREER awards**
- **learning design, instructional design and learner cognition**
- **promoting and supporting online courses, certificates and programs**
- **creation of high quality video and simulations**
- **creating ADA compliant products**

In our facilities we have 2 state-of-the-art studios, one with a cyclorama wall. Each studio has advanced capture capacities including the capability to shoot 4K video. This capacity is supported by the full Blackmagic studio controllers and editing facilities along with post processing capacities.

In terms of instructional design and course construction, all designers have a graduate degree in various disciplines and 5 years of design experience at the minimum. In addition, the team uses high end laptops and desktops with software that comprises the Adobe CS Suite, Articulate Storyline, Camtasia among others to design and develop course content for online delivery. In addition we use other software tools to ensure that all products are ADA compliant.

For more information, please visit the website.

### Funding Opportunities

**Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII) ([link](#))** – Full Due August 14, 2019 – CISE expects the total funding to be up to $10,000,000 each year, subject to the availability of funds. Each award will be up to $175,000 for a period of 24 months.

### Seminars/Events/Workshops
Natural Hazards Engineering Research Infrastructure (NHERI) Summer Institute  
June 5-7, 2019  
UTSA downtown campus, San Antonio, TX  
Information and Registration – The registration deadline is May 31, 2019.

August 5-6, 2019  
National Science Foundation, Alexandria, VA  
Information – Note: Eligibility and submission instructions have been added to the website.  
Submissions Due June 20, 2019; Notification of Acceptance: June 30, 2019; Registration Deadline: July 10, 2019 - Interested participants should submit a document containing the following information: One-page research statement, two-page biosketch, one paragraph describing how attending the workshop would be beneficial to advance the applicant’s research career.

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.

Proposers Days/Webinars

(All times Central unless otherwise noted)

Working with DARPA Webinar (presented by McAllister & Quinn)  
May 29, 2019 – 2:00 p.m. - 3:00 p.m. EDT (1:00 p.m. - 2:00 p.m. CDT)  
Information and Registration

Hanover Research Webinar: Helping PIs Adapt to Different Funders  
June 6, 2019  
12:00 p.m. - 1:00 p.m. ET (11 a.m. - 12 p.m. CT)  
Information and Registration
DARPA LogX Proposers Day and Webcast
June 11, 2019
DARPA Executive Conference Center, 4075 Wilson Blvd, Suite 300, Arlington, VA
9:00 a.m. - 12:00 p.m. ET
Information and Registration – Advance registration is required for both the physical meeting and webcast. Registration closes June 4, 2019, at 12:00 p.m. ET.

DARPA Discover DSO Day (D3) and Webcast
June 18-19, 2019 (See website for times.)
DARPA Conference Center, 675 North Randolph Street, Arlington, VA
Information and Registration – Advance registration is required for both the physical meeting and webcast. Registration closes June 11, 2019, at 5:00 p.m. ET.

Seminars/Events/Workshops for All Faculty
http://tees.tamu.edu/researchsupport/events/

Natural Hazards Engineering Research Infrastructure (NHERI) Summer Institute
June 5-7, 2019
UTSA downtown campus, San Antonio, TX
Information and Registration – The registration deadline is May 31, 2019.

Microscopy and Imaging Center Scanning Electron Microscopy Workshop
June 10-12, 2019
Information and Registration

ARPA-E Energy Innovation Summit
July 8-10, 2019
Gaylord Rockies, Denver, CO
Information and Registration

Intensive Course in Research Writing
July 8-26, 2019
Course meets 9:00 a.m. - 12 p.m. Monday through Friday.
Information – There is a fee for the course. The course is intended largely for early-career researchers, including postdoctoral fellows and recently appointed faculty members. For more information, contact Dr. Barbara Gastel at bgastel@cvm.tamu.edu.

Amazon Web Services – IMAGINE: A Better World, A Global Education Conference
July 10-11, 2019
The Conference Center at the Washington State Convention Center, Seattle, WA
Information and Registration

DARPA Electronics Resurgence Initiative (ERI) Summit 2019
July 15-17, 2019
Detroit, MI
Information and Registration – Registration closes June 24 or when capacity is reached.

**AFWERX Fusion Xperience 2019**
July 23-24, 2019
Enclave, Las Vegas, NV
Information and Registration

**Texas A&M Conference on Energy**
September 23-25, 2019
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.