Funding Opportunities

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 NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) – Email of Intent Due December 12, 2019; Internal Proposal Due December 19, 2019

Limited Submission Agilent Early Career Professor Award – Email of Intent Due January 3, 2020; Internal Proposal Due January 7, 2020

Limited Submission The David and Lucile Packard Foundation The Packard Fellowships for Science and Engineering – Email of Intent Due January 29, 2020; Internal Proposal Due February 5, 2020

Qatar National Research Fund (QNRF)
New National Priorities Research Program (NPRP) – Standard 13th Cycle (link) – Open proposal submission as well as the RO vetting process: 17 December 2019, noon, Doha
Time; Close proposal submission by LPI: 25 February 2020, noon, Doha Time; RO final proposal submission and vetting: 3 March 2020, noon, Doha Time

Agilent

**New Limited Submission Agilent Early Career Professor Award (link)** – Nomination Deadline: February 28, 2020 – An unrestricted research award of $100,000 to be distributed in 2 years to university in the professor's name: Option to use all or part of award to obtain Agilent products at 50% discount; Option to accelerate payments to facilitate procurement of equipment with list price over $100,000. Engraved plaque commemorating award. Recognition on Agilent’s website.

DOC

**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 DARPA Personalized Protective Biosystem (PPB) (link)** – Abstract Due January 7, 2020; Full Due February 20, 2020 – Multiple awards are possible. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

**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.

**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.

DOD Long-Term Opportunities

**DTRA Fundamental Research to Counter Weapons of Mass Destruction Amendment 9 (link)** – Due September 2024 – 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.

**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).

**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.

**DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research Synopsis 3 (link)** – This Funding Opportunity Announcement is a Broad Agency Announcement. It is continuously open for a 5-year period, from October 1, 2017 through September 30, 2022, 11:59 p.m. Eastern Time. – The funding amount for this BAA is unspecified, and 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**

**New Computational Tool Development for Integrative Systems Biology Data Analysis (link)** – Pre-applications Due January 31, 2020; Full Due April 9, 2020 – The award size will depend on the number of meritorious applications and the availability of appropriated funds. Ceiling: $350,000 per year for multi-institutional collaborations; $200,000 per year for single institution awards. Floor: $250,000 per year for multi-institutional collaborations; $100,000 per year for single institution awards

**ARPA-E Breakthroughs Enabling Thermonuclear-Fusion Energy (BETHE) (link)** – Full Due January 14, 2020 – ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $150,000 and $10 million, not including cost share.
National Academies of Sciences, Engineering, and Medicine

NRC Research Associateship Programs (link) – Deadline February 1, 2020, Application window opens December 1, 2019. – This competition is conducted in cooperation with sponsoring federal laboratories and other research organizations approved for participation. A primary objective of the Program is to provide a mechanism for new ideas, knowledge, and skills to be brought to the sponsoring laboratory. One or two year awards, renewable. Postdoctoral and Senior Associateships available.

NIH

New Postbaccalaureate Research Education Program (R25 - Independent Clinical Trial Not Allowed) (link) – Application Due February 21, 2020 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: The total direct costs for each award are limited to $400,000 annually.

Explainable Artificial Intelligence for Decoding and Modulating Neural Circuit Activity Linked to Behavior (R01 Clinical Trial Optional) (link) – LOI Due February 10, 2020; Application Due March 10, 2020 – Number of awards contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

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** 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. This annual amount is approximate, includes new and continuing increments, and is subject to availability of funds.

**New** Limited Submission NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) (link) – Full Due March 25, 2020 – The program supports three types of projects. Awards for Track 1 (Institutional Capacity Building) projects may not exceed $650,000. Awards for Track 2 (Design and Development: Single Institution) projects may not exceed $1.0 million. Awards for Track 3 (Design and Development: Multi-Institutional Consortia) projects may not exceed $5.0 million. In all cases, the totals are inclusive of direct and indirect costs.

**New** Dear Colleague Letter: Supporting Transition of Research into Cities Through the U.S. ASEAN (Association of Southeast Asian Nations Cities) Smart Cities Partnership (link) – To be considered for funding in fiscal year (FY) 2020, supplemental funding requests and EAGER proposals must be submitted by March 1, 2020, but earlier submissions are encouraged.

**Understanding the Rules of Life: Microbiome Theory and Mechanisms (URoL:MTM) (link)** – LOI Due January 17, 2020; Full Due March 2, 2020 – Estimated Number of Awards: 6 to 12; Anticipated Funding Amount: $12,000,000 to $15,000,000

**Navigating the New Arctic (NNA) (link)** – Full Due February 11, 2020 – This solicitation will consider proposals for two sizes of projects: Track 1: Research Grants with a budget of no more than $3,000,000 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.

**Future of Work at the Human-Technology Frontier: Core Research (FW-HTF) (link)** – Full Due March 9, 2020

**Secure and Trustworthy Cyberspace (SaTC) (link)** – Full Proposals Accepted Anytime – CORE and TTP proposals may be submitted in one of the following project size classes: Small projects: up to $500,000 in total budget, with durations of up to three years; Medium projects: $500,001 to $1,200,000 in total budget, with durations of up to four years; EDU proposals are limited to $400,000 in total budget, with durations of up to three years.

**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 Centers of Excellence (CI CoE) (link)** – Full Proposal Accepted Anytime – PD 20-139Y
CBET Biosensing (link) – Full Proposal Accepted Anytime – PD 20-7909
CBET Engineering of Biomedical Systems (link) – Full Proposal Accepted Anytime – PD 20-5345
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

New NIH Request for Information (RFI): Increasing the Diversity of Applications to the NIH Common Fund High-Risk, High-Reward Research Program (link) – Responses Due January 15, 2020
New NIH Notice of Special Interest (NOSI): Small Business Research in Biomedical Imaging and Bioengineering (link) – First Available Due Date: January 5, 2020; Expiration Date: January 6, 2021
New EERE Notice of Intent to Issue Funding Opportunity Announcement No. DE-FOA-0002245 “BOTTLE: Bio-Optimized Technologies to Keep Thermoplastics out of Landfills and the Environment” (link) – EERE plans to issue the FOA in January 2020 via the EERE Exchange website

Junior Faculty Opportunities

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).

### Funding Opportunities

**New** [Limited Submission] *Agilent Early Career Professor Award* ([link]) – Nomination

Deadline: February 28, 2020 – An unrestricted research award of $100,000 to be distributed in 2 years to university in the professor's name: Option to use all or part of award to obtain Agilent products at 50% discount; Option to accelerate payments to facilitate procurement of equipment with list price over $100,000. Engraved plaque commemorating award. Recognition on Agilent’s website.

### Seminars/Events/Workshops

**Junior Faculty Proposal Writing Academy: NSF Broader Impacts & Education Plan Seminar & Expo** ([See Flyer Attached in Email])

February 5, 2020

1:00 p.m. - 5:00 p.m.

ILSB Auditorium and Lobby

Information – Registration will open in January.

**January Application Deadline**

**2020 NSF ENG CAREER Proposal Writing Workshop**

March 31 - April 2, 2020

Location: Arlington, VA

Information – Application Deadline is January 6, 2020.

### 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
Hanover Research Webinar: Keys to Proposal Resubmission
December 12, 2019
12:00 p.m. - 12:45 p.m. ET (11:00 a.m. - 11:45 a.m. CT)
Information and Registration

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

January 23, 2020
9:00 a.m. - 10:30 a.m.
Wisenbaker, Room 232
Registration

Junior Faculty Proposal Writing Academy: NSF Broader Impacts & Education Plan Seminar & Expo (See Flyer Attached in Email)
February 5, 2020
1:00 p.m. - 5:00 p.m.
ILSB Auditorium and Lobby
Information – Registration will open in January.

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.