Funding Opportunities
(Link to pdf versions of the Newsletter –
https://tees.tamu.edu/researchsupport/newsletter/)

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**

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

**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 IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)** – Email of Intent Due November 8, 2019; Internal Proposal Due November 15, 2019

**Limited Submission NSF Ethical and Responsible Research** – Email of Intent Due November 14, 2019; Internal Proposal Due November 18, 2019

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

**Limited Submission Google PhD Fellowship Program** – Contact Shelly Martin if you are interested, shelly.martin.tamu.edu.

**The Texas A&M University System (TAMUS) National Laboratories Office (NLO)**

**Exploration Mini-Grants** (link) – Due November 15, 2019 – NLO will pay costs up to $1500 per person (in accordance with TAMUS guidelines) for successful applicants to travel to LANL to engage with potential collaborators.
Development Fellowships (link) – Due November 15, 2019 – A typical development fellowship would fund up to 1.5 months of salary for the TAMUS researcher and reimburse travel costs (up to $5000) to visit one or more LANL TSMs for several weeks, to enable the TAMUS-LANL partners to take tangible steps toward long-term funded collaborative research.

Research Projects (link) – Due November 15, 2019 – Provide a budget estimate and approximate timeline. A formal budget generated by research services will be required if proposal is selected for funding. At application time, only an itemization of expenses is required.

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 Public Safety Innovation Accelerator Program - First Responder 3D Indoor Tracking Prize (PSIAP-FR3D) (link) – Pre-Applications Due December 9, 2019; Full Due April 20, 2020 – NIST anticipates funding a single award up to $4,000,000 per year with a project period of performance of two years. Total funding for this program is anticipated to be approximately $8,000,000. This total includes funds for both competition administration and the prize awards for competitors.

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

FBO Changes Website Address

Please note that FedBizOps.gov has changed to https://beta.sam.gov/.

New DARPA Polyplexus Pilot Topic Opportunity Notice for Advanced Corrosion Control (Topic 17) (link) – Abstracts Due December 10, 2019; Full Due January 28, 2020 – DARPA Defense Sciences Office intends to make at least one award of up to $100,000 and one year duration as a result of this process.
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

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).

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

**New Reducing EMbodied Energy and Decreasing Emissions (REMADE) Manufacturing Institute (link)** – LOI Due November 14, 2019; Full Due December 18, 2019 – Approximately $24 million, with 50% in REMADE funding and 50% awardee cost-share, will be invested.

**New Environmental System Science (link)** – Pre-applications Due December 5, 2019; Full Due February 20, 2020 – Ceiling: $1,000,000 for “standard” 3-year projects for the Terrestrial Ecosystem Science topic area, and $600,000 for “standard” 3-year projects for the Subsurface Biogeochemical Research topic area; and $300,000 total for 1- to 2-year exploratory (“high risk”) projects for both topic areas. Floor: $100,000. Approximately 5 to 18 awards are expected.

**New 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.

**New FY 2020 Continuation of Solicitation for the Office of Science Financial Assistance Program (link)** – A Pre-Application is optional/encouraged. This Funding Opportunity Announcement (FOA) will remain open until September 30, 2020 or until replaced by a successor FOA. Applications may be submitted any time during that period. – Ceiling: The largest award made under the Fiscal Year 2017 version of this FOA received no more than $5,000,000 in annual funding. Floor: The smallest award made under the Fiscal Year 2017 version of this FOA received $5,000 in annual funding.

Google

**New Limited Submission Google PhD Fellowship Program (link)** – Nominations Due December 1, 2019 – Students from the United States and Canada receive the following: Up to 3 year Fellowship; Full tuition and fees (enrollment fees, health insurance, books) plus a stipend to be used for living expenses, travel and personal equipment; and Google Research Mentor

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.

NASA

**New Appendix D: Solicitation of Proposals for Flight and Ground Space Biology Research (link)** – Step 1 Proposals Due December 2, 2019; Step 2 Proposals Due March 2, 2020 – The awards amounts and duration for the project type being solicited through this Appendix are described in detail within each subsection of Section I.D. This information is also summarized in Table 1 on Appendix page D-27.

NIH
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

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

New Dear Colleague Letter: Research Opportunities for the Directorate for Mathematical and Physical Sciences (MPS) in Artificial Intelligence Research Institutes (link) –

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.

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

New 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


Symantec Corporation Research Labs Graduate Fellowship (link) – Application Due December 4, 2019 – The SRL Graduate Fellowship provides up to $20,000 USD that may be used to cover one year of the student's tuition fees and/or reimburse expenses incurred by the student during research collaboration with SRL.

Student/Postdoctoral Opportunities

8th Annual U.S. Clean Energy Education and Empowerment (C3E) Women in Clean Energy Symposium and Poster Competition
Junior Faculty Opportunities

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).

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.

Funding Opportunities

New JF 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: KB Science Webinar: DOE Early Career Webinar (Presented by Division of Research)
November 19, 2019
11:00 a.m. - 12:00 p.m.
Information and Registration
Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents
November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: MSC 1401
Information

2020 NSF ENG CAREER Proposal Writing Workshop
March 31 - April 2, 2020
Location: Arlington, VA
Information

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)

CPRIT Product Development Program Grants Webinar
November 14, 2019
12:00 p.m. - 1:00 p.m. CT
Information and Registration – Requests for applications will be released on November 20, 2019, for the following:
• Texas Company Product Development Research Awards (TXCO)
• Company Relocation Product Development Research Awards (RELCO)
• Seed Awards for Product Development Research (SEED)

NSF Fall 2019 Grants Conference Webcast
November 18-19, 2019
Begin at 8:00 a.m. ET
Registration – See also Virtual Agenda and Speakers.
Junior Faculty Proposal Writing Academy: KB Science Webinar: DOE Early Career Webinar (Presented by Division of Research)
November 19, 2019
11:00 a.m. - 12:00 p.m.
Information and Registration

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

Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents
November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: MSC 1401
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.