Funding Opportunities

http://tees.tamu.edu/researchsupport/funding/

TEES Research Development – Proposal Development Assistance

Assistance for Junior Faculty
If you are junior faculty and would like help in submitting a proposal, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least 4 weeks before your proposal is due. For the most assistance, please contact her 2-3 months in advance.

Also, see Junior Faculty Opportunities below.

If you are working on a multidisciplinary and/or multi-university proposal and would like to use the services of TEES Research Development, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least four weeks prior to the due date and after successfully negotiating the white paper or preproposal stage.

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 ORAU Ralph E. Powe Junior Faculty Enhancement Awards – Email of Intent Due November 9, 2017; Internal Proposal Due November 16, 2017

Limited Submission Brain Research Foundation Fay/Frank Seed Grants – Email of Intent Due November 6, 2017; Internal Proposal Due November 9, 2017

Limited Submission National Science Foundation Research Traineeship (NRT) Program – Email of Intent Due November 3, 2017; Internal Proposal Due November 8, 2017

Limited Submission Camille Dreyfus Teacher-Scholar Awards Program – Email of Intent Due November 17, 2017; Internal Proposal Due November 30, 2017

DOD
AFOSR Dynamically and Controllably Reconfigurable Antennas through Physical Deformation Processes (link) – Due December 15, 2017 – Estimated Total Program Funding: $4,800,000
**DoD Medical Simulation and Information Sciences, Toward A Next-Generation Trauma Care Capability: Foundational Research for Autonomous, Unmanned, and Robotics Development of Medical Technologies (FORwARD) Award**

Synopsis 1 (link) – Pre-Application Due November 20, 2017; Application Due February 5, 2018 – The anticipated total costs budgeted for the entire period of performance will not exceed $1.3M.

**AFRL FY 2018 Summer Faculty Fellowship Program** (link) – Applications Open September 1 - November 30, 2017 – The levels for the FY 2017 U.S. Air Force Research Lab Summer Faculty Fellowship Program faculty are as follows: Assistant Professor: $1,500/weekly, Associate Professor: $1,700/weekly, Professor: $1,900/weekly (U.S. Air Force Research Lab Summer Faculty Fellowship Program faculty participants have the opportunity to bring a graduate student with them.)

**DARPA I2O Office - wide BAA** (link) – Abstract Due July 12, 2018; Proposal Due August 31, 2018 – Multiple awards are anticipated. 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.

**DARPA Microsystems Technology Office Office-wide Broad Agency Announcement** (link) – Abstracts May Be Submitted on Rolling Basis until August 10, 2018; Proposals May Be Submitted on Rolling Basis until September 13, 2018 – This BAA is primarily, but not solely, intended for early stage research (studies) that may lead to larger, focused, MTO programs in the future. Studies are defined as single phase efforts of short duration (< 12 months) costing less than $1,000,000.

**DARPA DSO Office-wide Broad Agency Announcement (BAA)** (link) – Executive Summary Due April 26, 2018; Abstract May 10, 2018; Full Due June 11, 2018 – 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.

**DARPA Innovative Systems for Military Missions** (link) – Due June 12, 2018 – 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. In general, 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.

**DOE Solar Desalination** (link) – Concept Papers Due December 4, 2017; Full Due March 16, 2018 – EERE anticipates making approximately 7 to 10 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $0.5 million and $5 million.

**IARPA Proteos** (link) – Due November 13, 2017 – Multiple awards are anticipated. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

**NASA 2017 NASA HERO NRA** (link) – Due July 30, 2018 – Awards generally range from under $100K per year for focused, limited efforts (e.g., data analysis) to $1M per year for extensive activities (e.g., development of scientific hardware).
NIH

**BRAIN Initiative: Tools to Facilitate High-Throughput Microconnectivity Analysis (R01)** ([link](#)) – LOI Due 30 Days Prior to Due Date; Proposal Due December 7, 2017 – Issuing IC and partner components intend to commit an estimated total of $4 million to fund 3-7 awards. Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIBIB Exploratory/Developmental Research Grant Program (R21)** ([link](#)) – Standard Due Dates: February 16, June 16, October 16 – Application budgets may not exceed $275,000 direct costs over a maximum two-year funding period. No more than $200,000 in direct costs may be requested in any single year.

NIST


NSF

**Limited Submission National Science Foundation Research Traineeship (NRT) Program** ([link](#)) – LOI Due December 6, 2017; Invited Full Due February 6, 2018. Anticipated funding amount: $36,100,000 for 10-12 awards.

**Partnerships for Innovation** ([link](#)) – Due February 1, 2018. Anticipated funding amount: $16,750,000 up to 55 awards.

**Dynamics of Coupled Natural and Human Systems (CNH)** ([link](#)) – Due January 23, 2018. Anticipated funding amount: $12,000,000 available for 8 to 13 awards.

**Enabling Discovery through Genomic tools (EDGE)** ([link](#)) – Due February 1, 2018. Anticipated funding amount: $6,000,000 available for 10 awards per year.

**Dear Colleague Letter: Joint NSF/ENG and AFOSR Funding Opportunity: Supporting Fundamental Research in the Quantitative Representation of Microstructures (QRM)** ([link](#)) – Submit proposals to the Materials Engineering and Processing (MEP) program in the Division of Civil, Mechanical, and Manufacturing Innovation (CMMI) during an open submission window (January 10-24, 2018). Awards ranging from $300,000 - $450,000 for 3-4 years. Contact program officer prior to submission.

**International Research Experiences for Students (IRES)** ([link](#)) – Track I, IRES Sites, up to $300,000 per award, 20-25 awards, Due January 30, 2018 and September 11, 2018; Track II, Advanced Studies Institutes, $150,000 per award, 10-12 awards, Due February 6, 2018 and September 18, 2018; Track III, New Concepts in International Graduate Experience, up to $1,000,000, 3-5 awards, Due February 13, 2018 and September 25, 2018.

**Campus Cyberinfrastructure (CC*)** ([link](#)) – Full Due January 30, 2018 – Estimated total program funding: $17,000,000 for multiple award types and sizes ($500,000 to $3,500,000 per award for 2 to 4 years).

**Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)** ([link](#)) – LOI Due December 1, 2017; RISE Full Due February 8, 2018; CREST Prelim. Due February 15, 2018; CREST Full Due
December 7, 2018. Anticipated funding amount: $19,300,000 (including 8 new CREST Centers).

**Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All** (link) – Full Due January 18, 2018 – Approximately 13-16 awards are anticipated, each up to $750,000 total and up to 3 years in duration, subject to the availability of funds and quality of proposals received.

**Leading Engineering for America's Prosperity, Health, and Infrastructure (LEAP HI)** (link) – LOI Due December 15, 2017; Due February 5-20, 2018 – Anticipated Funding Amount: $6,500,000 to $7,500,000 for 4 to 7 awards each year.

**Mathematical Sciences Research Institutes** (link) – LOI Due December 14, 2018; Full Due March 14, 2019 – Anticipated Funding Amount: $30,000,000; Up to this amount will be initially available for this activity in FY 2020, subject to availability of funds and quality of proposals. Award amounts are anticipated to range from approximately $2.5 million per year to $5 million per year for up to five years.

**Innovation Corps – National Innovation Network Teams Program (I-CorpsTM Teams)** (link) – Proposal accepted anytime with an I-Corps Cognizant Program Officer’s invitation. – Anticipated Funding Amount $12,750,000

**TAMU Faculty Development Funding (Instructional Technology Services and the Pedagogy Project)**

**Student Success Faculty Fellows Program** (link) – Due December 1, 2017 – Estimated Funding: $10,000 per fellow.

**Student/Postdoctoral Opportunities**

**AFCEA Iraq/Afghanistan War Veterans Scholarship** (link) – Application Due November 15, 2017 – Merit-based scholarships of $2,500 will be awarded to persons on active duty in the uniformed military services, to honorably discharged U.S. military veterans (including Reservists and National Guard personnel) of the Enduring Freedom-Afghanistan or Iraqi Freedom Operations (years 2004-present) who are currently enrolled and attending classes in an Undergraduate program part time or full time in an eligible STEM major degree program at an accredited four year college or university in the U.S.

**AFRL FY 2018 Summer Faculty Fellowship Program** (link) – Applications Open September 1 - November 30, 2017 – The levels for the FY 2017 U.S. Air Force Research Lab Summer Faculty Fellowship Program graduate students are as follows: Currently pursuing a master's degree: $884/weekly, Currently pursuing a Ph.D.: $1,175/weekly (U.S. Air Force Research Lab Summer Faculty Fellowship Program faculty participants have the opportunity to bring a graduate student with them.)

**IEEE Microwave Theory and Techniques Society Graduate Fellowships** (link) – Applications Due November 30, 2017 – US$5,000 each. Funded by the Microwave Theory and Techniques Society.

**AFCEA ROTC Scholarships** (link) – Applications open November 2017; Due February 22, 2018 – The AFCEA Educational Foundation offers ROTC scholarships ranging from $2,000-$3,000 each are awarded to an Army, Navy (including Marine Corps option) or Air Force ROTC fulltime sophomore or junior students with at least an overall 3.0 GPA or above (with the exception of Medal of Honor and Distinguished Achievement scholarship program).
Junior Faculty Opportunities

This section contains resources, funding opportunities and seminars, events, and workshops of special interest to junior faculty. See Seminars/Events/Workshops below for more offerings.

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).

Funding Opportunities

AFRL FY 2018 Summer Faculty Fellowship Program (link) – Applications Open September 1 - November 30, 2017 – The levels for the FY 2017 U.S. Air Force Research Lab Summer Faculty Fellowship Program faculty are as follows: Assistant Professor: $1,500/weekly, Associate Professor: $1,700/weekly, Professor: $1,900/weekly (U.S. Air Force Research Lab Summer Faculty Fellowship Program faculty participants have the opportunity to bring a graduate student with them.)

The Camille & Henry Dreyfus Foundation Teacher-Scholar Awards Program
Limited Submission Camille Dreyfus Teacher-Scholar Awards Program (link) – Due February 8, 2018. $75,000 awards.

DOE Visiting Faculty Program (VFP) (formerly called Faculty and Student Teams, FaST) (link) – Applications Due January 12, 2018 –Faculty receive a 10-week stipend of $13,000, undergraduate students receive $500 per week during the internship period, graduate students are expected to be supported by their home academic institutions consistent with their graduate appointment.

NIH NCMRR Early Career Research Award (R03) (link) – Due March 30, 2018.

NIH NIDCD Early Career Research Award (ECR) Award (R21) (link) – Standard Due Dates: February 27, June 26, October 26.

NIH Outstanding New Environmental Scientist (ONES) Award (R01) (link) – Due Date: February 28, 2018. Direct budget may not exceed $475,000 in any year of the 5-year award, NIEHS intends to fund 5-6 awards.

Seminars/Events/Workshops

Register Now
Junior Faculty Proposal Writing Academy – NSF Broader Impacts Seminar and Expo
November 8, 2017
1:00 p.m. - 4:30 p.m.
ILSB Auditorium and Lobby
Information and Registration

Junior Faculty Proposal Writing Academy – 2018 NSF CAREER and Other Young Investigator Programs
February 22, 2018
8:00 a.m. - 2:00 p.m.
301 Rudder Tower
Information and Registration

Junior Faculty Proposal Writing Academy – NSF CAREER Writing Groups Inaugural Meeting
March 7, 2018
2:00 p.m. - 3:00 p.m.
Location TBA
Information and Registration

Junior Faculty Proposal Writer's Academy – Filling Your Toolbox: NIH Proposal Writing Resources
March 21, 2018
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

Junior Faculty Proposal Writer's Academy – Research Data Management Workshop
April 4, 2018
1:00 p.m. - 3:00 p.m.
Sterling C. Evans Library Annex
Information and Registration

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 – 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.

Funding Opportunities Spreadsheet – A spreadsheet of funding opportunities from the past year’s newsletter.

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)

FY2017 Vehicle Technologies Office Batteries and Electrification to Enable Extreme Fast Charging Funding Opportunity Announcement Webinar
November 2, 2017
2:00 p.m. - 3:30 p.m. (EST)
Information and Registration

NSF/Intel Partnership on Foundational Microarchitecture Research (FoMR) Webinar
November 7, 2017
1:00 p.m. - 2:00 p.m.
Information and Registration

NSF Virtual Grants Conference 2017
November 13-14, 2017
Information and Registration

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

MCF-AggieFab – joint Open House
November 14, 2017
10:00 a.m. - 4:00 p.m.
Location: GERB 154
For more Information contact: Dr. Yordanos Bisrat, ybisrat@tamu.edu
Registration

New combined session - TEES/Hanover Research Creating a Timeline for Developing & Submitting a Grant AND Crafting Specific Aims or Objectives
November 17, 2017 (December 15, 2017 session has been cancelled)
11:00 a.m. - 1:00 p.m.
Webinar
Information and Registration

ASEE SMART START – Designing Impact-Driven Projects, Course I
Competitive Applications Due November 23, 2017
March 5, 2018, 1:00 p.m. - 4:00 p.m.
Location: on-line and National Harbor, MD

ASEE SMART START – Designing Impact-Driven Projects, Course II
Competitive Applications Due December 27, 2017
March 17, 2018, 9:00 a.m. – 5:00 p.m.
April 2, 2018, 1:00 p.m. - 4:00 p.m.
Location: on-line and National Harbor, MD

TAMU DOR Writing Successful Proposals (All Faculty)
March 1, 2018
1:00 p.m. - 4:00 p.m.
Location TBA

CAREER Proposal Writing Workshop 2018 hosted by NSF CMMI
March 25-27, 2018
Charlotte, NC
Application deadline is January 8, 2018.

TAMU DOR Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation, and Review Process
March 28, 2018
1:00 p.m. - 4:00 p.m.
Location TBA

TAMU DOR NSF Broader Impacts – All Faculty
April 11, 2018
1:00 p.m. - 2:30 p.m.
Location TBA

Research News

Texas A&M Materials Science and Engineering Home to Three DMREF Projects
As of September 2017, the Department of Materials Science and Engineering at Texas A&M University will be home to three ongoing National Science Foundation (NSF) projects through the Designing Materials to Revolutionize and Engineer our Future (DMREF) projects. The goal of the program is to accelerate the development of groundbreaking new materials while reducing development costs.

“To have three ongoing DMREF projects in a department as new and small as ours is a testament to the terrific growth we have experienced over the past few years,” said Dr. Ibrahim Karaman, materials science and engineering department head.

The department’s newest DMREF project will launch under the leadership of Dr. Miladin Radovic. It joins two pre-existing projects led by Dr. Raymundo Arróyave and Dr. Michael Demkowicz.

To view the story, please visit the [website](#).

Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email [researchnews@tees.tamu.edu](mailto:researchnews@tees.tamu.edu).