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

TAMU Dean of Faculties, the Center for Teaching Excellence, Instructional Technology Services, and Undergraduate Studies
Request for Proposals: Enhancing the Design of Gateway Experiences (EDGE) (link) – Due November 1, 2017 – Selected Programs will receive up to $33,000 per year for up to three years, so long as milestones are met each year. This grant focuses on gateway courses (high enrollment introductory courses with low A, B, C rates).

TAMU Division of Research and São Paulo Research Foundation (FAPESP)
DOD

Air Force Global Operational Tactical Information Technology (GOT-IT) (link) – White Papers Accepted until September 30, 2019 – Total funding for this BAA is approximately $9.5M. The anticipated funding to be obligated under this BAA is broken out by fiscal year as follows: FY16 - $2.0M; FY17 - $4.0M; FY18 - $1.5M; and FY19 - $2.0M. Individual awards will not normally exceed 24 months with dollar amounts normally ranging between $500K to $2M per year. There is also the potential to make awards at any dollar value.

DARPA Young Faculty Award (link) – Executive Summary Was Due October 2, 2017 (highly encouraged); Full Due December 4, 2017 – Each award will include a 24-month base period (a maximum of $500,000) and a 12-month option period (a maximum of $500,000). Please note: To be eligible for the DARPA YFA, the PIs can be untenured tenure-track Assistant Professors, but also tenured Associate Professors within 3 years of their tenure appointment.

DARPA Active Social Engineering Defense (ASED) (link) – Abstract Was Due September 19, 2017 (highly encouraged); Proposal Due November 9, 2017 – DARPA anticipates multiple awards under this solicitation.

Defense Intelligence Agency DIA INNOVATION Agency-Wide (link) – BAA Open until November 26, 2018, to be reviewed annually; Step I: White papers will be accepted throughout the BAA Open Period – Multiple awards are anticipated although no commitments or promises are made in this regard. It is anticipated that awards will also be made by other Agencies in addition to DIA.

ONR National Oceanographic Partnership Program (NOPP) 2018 Broad Agency Announcement (link) – LOI for Topic 3 Due October 16, 2017 with the Full Due January 29, 2018 – Topic 1: Individual Award Amount Range: $150,000 per year; Topic 2: Individual Award Amount Range: $300,000 - $700,000 per year; Topic 3: Individual Award Amount Range: Up to $500,000 per year

DOE

Generation 3 Concentrating Solar Power Systems (Gen3CSP) (link) – Concept Paper Due November 3, 2017; Full Due January 19, 2018 – EERE expects to make $62 million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 8-12 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $0.5 and $35 million.

Advanced Power Electronics Design for Solar Applications (link) – Concept Paper Due October 12, 2017; Full Due December 15, 2017 – EERE expects to make approximately $20 million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 10-15 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $0.5 and $3 million.


Lemelson-MIT

$500,000 Lemelson-MIT Prize (link) – Deadline for nominations is November 30, 2017
**NIH**

*Interactive Digital Media STEM Resources for Pre-College and Informal Science Education Audiences (SBIR) (R43/R44 Clinical Trial Not Allowed)* (link) – Due January 5, 2018 and September 5, 2018 – 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.

*Interactive Digital Media STEM Resources for Pre-College and Informal Science Education Audiences (STTR) (R41/R42 Clinical Trial Not Allowed)* (link) – Due January 5, 2018 and September 5, 2018 – 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.

*National Institute of General Medical Sciences Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Institutional Research Training Grant (T32)* (link) – Standard Due Dates: January 25, May 25, September 25 – 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.

*BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging (R01 Clinical Trials Not Allowed)* (link) – LOI Due November 20, 2017; Application Due December 20, 2017 – Application budgets are limited to $300,000 in direct costs in any project year.

*NIAID Research Education Program (R25)* (link) – LOI Due November 6, 2017; Application Due December 6, 2017 – Application budgets need to reflect the actual needs of the proposed project and are limited to $325,000 direct costs/year for each award.

*Development of a Device to Objectively Measure Pain (SBIR R43/R44)* (link) – 30 Days Prior to Application Due Date; Application Due December 5, 2017 – 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.

*Development of a Device to Objectively Measure Pain (STTR R41/R42)* (link) – 30 Days Prior to Application Due Date; Application Due December 5, 2017 – 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.

**NSF**

*Collaborative Research in Computational Neuroscience (CRCNS)* (link) – Full Due January 5, 2018

*Condensed Matter and Materials Theory (CMMT)* (link) – Full Proposal Accepted Anytime – $15,000,000, pending availability of funds; Estimated Number of Awards: Approximately 40

*Computer and Network Systems (CNS): Core Programs* (link) – Due November 1-15 for Small projects – Small Projects: up to $500,000 total budget with durations up to three years.

*CMMI Manufacturing Machines and Equipment (MME)* (link) – Full Due January 10-24, 2018 – PD 17-1468

*CMMI Dynamics, Control and Systems Diagnostics (DCSD)* (link) – Full Due January 10-24, 2018 – PD 17-7569
Dear Colleague Letter: Announcing Realignment of the Infrastructure Management and Extreme Events (IMEE) Program and Change in Program Name to Humans, Disasters and the Built Environment (HDBE) (link)

Dear Colleague Letter: Announcing Realignment of the Civil Infrastructure Systems (CIS) Program (link)

Dear Colleague Letter: Announcing Creation of the Engineering Design and Systems Engineering (EDSE) Program which Merges and Replaces the Engineering and Systems Design (ESD), System Science (SYS), and Design of Engineering Material Systems (DEMS) Programs (link)

Dear Colleague Letter: Announcing Creation of the Engineering for Civil Infrastructure (ECI) Program which is Replacing the Engineering for Natural Hazard (ENH), Geotechnical Engineering and Materials (GEM), and Structural and Architectural Engineering and Materials (SAEM) Programs (link)

Dear Colleague Letter: Implementation of “No-Deadline,” Full-proposal Submission Process for Most Programs in the Directorate for Biological Sciences (link)

NSF/Intel Partnership on Foundational Microarchitecture Research (FoMR) (link) – Full

Dear Colleague Letter: Request for Information on Mid-scale Research Infrastructure (link) – Responses Via Online Questionnaire Due December 8, 2017

Student/Postdoctoral Opportunities
The Facebook Fellowship Program (link) – Application Closes October 31, 2017 – 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.

Griffiss Institute 2018 Summer Internship Program (link) – Cycle will open November 2017 – This is a paid summer internship opportunity for students currently enrolled in an accredited college or university at the freshman level through PhD level (U.S. CITIZENS ONLY) to work on-site with AFRL researchers on a wide variety of research projects.

The National Academies of Sciences, Engineering and Medicine NRC Research Associateships Programs (RAP) (link) – Online Application Opens September 1 with Application Deadline of November 1; Online Application Opens December 1 with Application Deadline of February 1

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.

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).

Funding Opportunities
Future opportunities will be posted here.

Seminars/Events/Workshops

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

DOE Solar Desalination Informational Webinar
October 12, 2017
1:30 p.m. EDT
Information
Join Webinar

IARPA Forecasting Counterfactuals in Uncontrolled Settings (FOCUS) Proposers Day
October 19, 2017
9:00 a.m. - 3 p.m. EDT/EST
Washington DC metropolitan area
Information
Registration – Registration closes October 13, 2017

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

TAMU DOR Writing Successful Proposals (All Faculty)
October 18, 2017
1:00 p.m. - 4:00 p.m.
3147 ILSB
Information and Registration

TAMU DOR Onsite Group Meeting: 2018 NIH and NSF Grant Proposal Writing Program
This meeting is for members of the 2018 NIH and NSF Grant Proposal Writing Program.
January 24, 2018
8:00 a.m. - 12:00 p.m.
301 Rudder
Information and Registration

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

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
Research News

Civil Engineering Faculty Awarded NSF RAPID Grants for Hurricane Harvey Research

Deeply concerned for the people and institutions affected by Hurricane Harvey, the National Science Foundation (NSF) issued a call for research addressing new science and engineering challenges related to Harvey, including preparedness for future catastrophic events. Four faculty from the Zachry Department of Civil Engineering at Texas A&M University answered that call, each receiving grants to research Harvey’s impact on different systems and provide essential data for future weather-related disasters.

To view the complete story, please visit the website.

Texas A&M Professors Receive NSF Grant on Job Recruitment of STEM Graduates

Three Texas A&M University professors are collaborating on a project that centers on what job recruiters are looking for in science, technology, engineering and mathematics (STEM) graduates.

Dr. Gerianne Alexander, professor and Cornerstone Fellow in the Department of Psychology, Dr. Tracy Hammond, professor in the Department of Computer Science and Engineering and director of the Sketch Recognition Lab, and Dr. Joanna Lahey, associate professor in the Bush School of Government and Public Service, have been awarded a grant from the National Science Foundation (NSF) to study how recruiters view resumes of recent computer science graduates.

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.