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)
ASME

2018-2019 ASME Congressional Fellowship (Energy) (link) – Applications Accepted until January 31, 2018 – ASME has a limited number of stipends of $80,000 per congressional/federal government fellow. Because the stipend is not intended to be the fellow's entire financial support, the remaining salary and other costs, including benefits, must be negotiated between the fellow and his or her employer.

2018-2019 ASME Congressional Fellowship (Bioengineering) (link) – Applications Accepted until January 31, 2018 – ASME has a limited number of stipends of $80,000 per congressional/federal government fellow. Because the stipend is not intended to be the fellow's entire financial support, the remaining salary and other costs, including benefits, must be negotiated between the fellow and his or her employer.

Bill and Melinda Gates Foundation

Grand Challenges Explorations (link) – Applications Due November 8, 2017 – Initial grants are for USD $100,000 and successful projects are eligible to receive follow-on funding of up to USD $1 million.

DOE

Medium/Heavy-Duty, On-Road Natural Gas Engine R&D (link) – Concept Papers Due November 8, 2017; Full Due January 11, 2018 – EERE anticipates making approximately 2-3 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $1,000,000 and $2,000,000 million.
2018 SBIR/STTR Phase I Release 1 (link) – LOI Due October 30, 2017; Application Due December 4, 2017 – Ceiling (i.e., the maximum amount for an individual award made under this FOA): $150,000 or $225,000 for SBIR and STTR grants depending on Topic.

NIH

Comparative Genomics Research Program (R01-Clinical Trial Not Allowed) (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. Application budgets are not limited but need to reflect the actual needs of the proposed project.

Innovative Research in Cancer Nanotechnology (IRCN) (R01) (link) – Due November 21, 2017; May 23, 2018 – Application budgets are limited to $450K in direct costs per year and need to reflect the actual needs of the proposed project.

NSF

Collaborative Research in Computational Neuroscience (CRCNS) (link) – Full Due January 5, 2018 and November 27, 2018 – Estimated Number of Awards: 15 to 25 per year; Anticipated Funding Amount: $5,000,000 to $20,000,000

Dear Colleague Letter: Encouraging Participation of Cloud Computing Providers in Computer and Information Science and Engineering Research (link)

Dear Colleague Letter: Research Experiences for Undergraduates (REU) Supplemental Funding (link)

Cyberlearning for Work at the Human-Technology Frontier (link) – Full Due January 8, 2018

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (link) – Full Due November 27, 2017

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR) (link) – Development and Implementation Tier Due December 12, 2017; Exploration and Design Tier Due October 1, 2017 – October 1, 2018;

Division of Materials Research: Topical Materials Research Programs (DMR-TMRP) (link) – Full Due October 1, 2017 - November 1, 2017 – Anticipated Funding Amount: $55,000,000 for estimated 225 awards.

CISE Research Infrastructure (CRI) (link) – Prelim Due November 2, 2017; Full Due Full Due January 18, 2018 – With up to 15 Institutional Infrastructure (II) awards and up to 15 Community Infrastructure (CI) awards in each competition. The majority of the II awards will be made in the $200,000 - $750,000 range, though a small number of II awards may be made in the $750,000 - $1,000,000 range. The majority of the CI awards will be made in the $500,000 - $1,000,000 range, though a very small number of CI awards may be made in the $1,000,000 - $2,000,000 range. The majority of the Community Infrastructure Planning (CI-P) awards will be made in the $50,000 - $100,000 range.

Discovery Research PreK-12 (DRK-12) (link) – Full Due November 14, 2017 – Normal limits for funding requests of DRK-12 proposals are as follows: (1) Level I projects up to $450,000 with duration up to three years; (2) Level II projects up to $3,000,000 with duration up to four years; and (3) Level III projects up to $5,000,000 with duration up to five years. Synthesis proposals are up to $300,000 and two years duration. Conference proposals are up to $100,000 and one year duration.
CyberCorps(R) Scholarship for Service (SFS) (link) – Full Due November 17, 2017-December 5, 2017 (Capacity Track) – Award Ceiling: $5,000,000; Award Floor: $200,000

Computational and Data-Enabled Science and Engineering (CDS&E) (link) – Full Proposal Window: September 1, 2017 - August 31, 2018 (Check Directorate/Division information for exact dates) – PD 12-8084

AGS Solar Terrestrial Program (link) – Full Proposal Accepted Anytime – PD 98-1523

AGS Magnetospheric Physics (link) – Full Proposal Accepted Anytime – PD 98-5750

AGS Geospace Facilities (link) – Full Proposal Accepted Anytime – PD 04-4202

Royal Academy of Engineering

Prince Philip Medal (link) – Due November 13, 2017

Student/Postdoctoral Opportunities

The Hydrographic Society of America (THOSA) National Scholarship (link) – Due November 15, 2017 – For 2016-2017 academic year; awards are expected to be at least: 2 year program: $3,000; 4 year program: $4,000; Graduate program: $3,500

The Hydrographic Society of America (THOSA) Houston Chapter Scholarship (link) – Due October 31, 2017 – First-year students who qualify will receive a $500 scholarship award for the first year and will be given preference in future scholarship applications from the THSOA - Houston Chapter. Second-year and higher students who qualify will receive a $1,000 (or greater) scholarship award. Second-year and higher students must have a GPA of 3.0 or higher.

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

ASME Federal Government Fellowships: Webinar and Announcement
October 27, 2017
12:00 p.m. - 1:00 p.m. (EST)
Information
Registration

TEES/Hanover Research Multi-PI/Multi-Institution Proposals Webinar
February 23, 2018
11:00 a.m.
Information and Registration

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

Access Now
ARL Open Campus Open House Live Stream
October 18-19, 2017
Link to Live Stream – All events in the main auditorium from 0830-1200 EST will be streamed. Technical Posters and Open Opportunities that will be discussed in the afternoon sessions are posted on https://www.arl.army.mil/opencampus.

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

CMMI 2018 NSF CAREER Proposal Writing Workshop
March 25-27, 2018
Charlotte, NC
Information and Registration – 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
Information and Registration

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

Research News

Texas A&M Among NSF Collaborators Studying Dark Matter

Texas A&M University researchers are part of an international collaborative project studying germanium for dark matter research that has received the National Science Foundation’s Partnerships for International Research Education (PIRE) award.

Dr. Rusty Harris, associate professor in the Department of Electrical and Computer Engineering and the Department of Physics and Astronomy, is representing Texas A&M as co-principal investigator in the Germanium Materials and Detectors Advancement Research Consortium (GEMADARC) project.

To view the complete story, please visit the website.

Exploring the Fundamentals of Blockchain Protocols

Because of the way it is constructed, the virtual currency bitcoin offers a novel realization of a central bank-free financial instrument, as well as an alternative approach to classical distributed computing problems, and to numerous other applications, such as smart electronic contracts.
At the core of bitcoin is the blockchain, which is essentially a long line of chained blocks containing data (namely, fund-transferring transactions) that is the enabling technology underneath the application. Those who attempt to build blockchains are called miners.

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).