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 isgarton@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 isgarton@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** **NSF Partnerships for Innovation (PFI)** – Email of Intent Due November 22, 2017; Internal Proposal Due November 29, 2017

**Limited Submission** **NSF Cultivating Cultures for Ethical STEM (CCE STEM)** – Email of Intent Due December 1, 2017; Internal Proposal Due December 8, 2017

**Limited Submission** **Gordon and Betty Moore Foundation Moore Inventor Fellows** – Email of Intent Due December 6, 2017; Internal Proposal Due December 13, 2017

**Limited Submission** **W.M. Keck Foundation Undergraduate Education Program** – Email of Intent Due December 8, 2017; Internal Proposal Due December 14, 2017

**Limited Submission** **W.M. Keck Foundation Grant Programs in Research** – Email of Intent Due December 8, 2017; Internal Proposal Due December 14, 2017

**Qatar National Research Fund**
**National Priorities Research Program (NPRP) (link)** – Two tracks: NPRP Clusters Due January 23, 2018; the total budget per cluster is up to US$ 5M for a duration of up to five
years. The budget of each sub-project should not exceed US$ 1M – **NPRP Standard** Due January 30, 2018.

**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.

**DOC**

*NIST Precision Measurement Grant Program (PMGP or Program)* ([link](#)) – Abbreviated Applications Due February 2, 2018; Invited Full Applications Due March 19, 2018 – Approximately $100,000 may be available to fund the first year of new multi-year awards, supporting at most two (2) projects, depending on the availability of funding, for up to three (3) years at up to $50,000 per year

**DOD**

*FY18 Funding Opportunity Announcement (FOA) for the Office of Naval Research (ONR) Navy and Marine Corps Science, Technology, Engineering & Mathematics (STEM), Education and Workforce Program* ([link](#)) – White Papers Due April 2 - July 31, 2018; Applications Due September 28, 2018 – Each individual award will be up to a maximum of $250,000 per year, with one-year (1) option periods, for up to three (3) years.

*DARPA Electronics Resurgence Initiative: Page 3 Investments Architectures Thrust* ([link](#)) – Full Due December 4, 2017 – 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.

*FY 2017 Continuation of Solicitation for the Office of Science Financial Assistance Program* ([link](#)) – Due December 8, 2017 – It is anticipated that approximately $400 million will be available for DOE Office of Science new, renewal, continuing, and supplemental grant and cooperative agreement awards under this and other, more targeted FOAs in FY 2017, subject to the availability of FY 2017 appropriated funds.

**DOE**

*Environmental System Science* ([link](#)) – Pre-Application Due December 20, 2017; Encourage/Discourage Date January 5, 2018; Application Due March 1, 2018 – Ceiling: $1,000,000 total for 3-year “full-size” projects; $300,000 total for 1- to 2-year exploratory (“high-risk”) projects; Floor: $100,000 total

*Atmospheric System Research* ([link](#)) – Pre-Application Due December 20, 2017; Encourage/Discourage Date January 18, 2018; Application Due February 28, 2018 – Ceiling: $700,000 total for 3-year projects, $500,000 total for 2-year projects. Floor: $150,000 total for either 2-year or 3-year projects.

*ARPA-E Modeling-Enhanced Innovations Trailblazing Nuclear Energy Reinvigoration (MEITNER)* ([link](#)) – Concept Papers Due December 4, 2017; Full Due: TBD – ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $500,000 and $5 million.
FY2018 Consolidated Innovative Nuclear Research Funding Opportunity Announcement (link) – Deadlines for the FOA areas are specified on the cover page of the FOA. – The estimated amounts identified for each of the FOA areas are specified in Part II of the FOA.

FY2018 Scientific Infrastructure Support for CINR Funding Opportunity Announcement (link) – Due November 30, 2017 – The estimated amounts identified for each of the FOA areas are specified in Part II of the FOA.

Gordon and Betty Moore Foundation
Limited Submission Moore Inventor Fellows (link) – Nominations must be received by 5:00 p.m. PT Monday, February 12, 2018, with all application materials due by 5:00 p.m. PT Monday, March 5, 2018 – Each fellow will receive a total of $825,000 over three years to drive their invention forward, including $50,000 per year from their home institution as a commitment to these outstanding individuals.

IARPA
IARPA-Wide Research BAA (link) – Due May 2, 2018 – Multiple awards are anticipated. Awards generally will be for a period of performance of 12 months or less. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

The Ministry of Electronics and Information Technology (MeitY), The Netherlands Organisation for Scientific Research (NWO) and the NWO Taskforce for Applied Research (SIA)
Call for Joint Proposals of the Indo-Dutch Joint Research Programme for ICT (link) – Due March 6, 2018 – For each project proposal, a grant of k€ 200 to k€ 500 can be applied for from NWO and MeitY of which circa 50% to be covered by NWO and circa 50% by MeitY. In addition, a maximum of k€ 50 per project proposal can be applied for from SIA.

NIH
Exploratory/Developmental Bioengineering Research Grants (EBRG) (R21 Clinical Trial Optional) (link) – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the number of meritorious applications selected for funding. Award Budget: Direct costs are limited to $275,000 over a two-year period, with no more than $200,000 in direct costs allowed in any single year.

NINDS Exploratory Neuroscience Research Grant (R21 Clinical Trial Optional) (link) – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Direct costs are limited to $275,000 over a two-year period, with no more than $200,000 in direct costs allowed in any single year.

NIBIB Trailblazer Award for New and Early Stage Investigators (R21 Clinical Trial Optional) (link) – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets may not exceed $400,000 direct costs over a maximum three-year funding period. No more than $200,000 may be requested in any single year.
**Simulation Modeling and Systems Science to Address Health Disparities (R01 Clinical Trial Not Allowed)** (link) – LOI Due 30 Days prior; Application Due January 7, 2018; September 7, 2018 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Applications may request up to $250,000 in direct costs each year.

**BRAIN Initiative: Tools to target, identify and characterize non-neuronal cells in the brain (R01 Clinical Trial Not Allowed)** (link) – LOI Due 30 Days Prior; Application Due February 1, 2018 and October 4, 2018 – Issuing IC and partner components intend to commit an estimated total of $8M to fund 10 awards. Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Population-Based Model Organism Research for G x E Exploration in Complex Disease Outcomes (R01 Clinical Trial Not Allowed)** (link) – LOI December 31, 2017; Application Due February 1, 2018 – NIEHS intends to commit $4 million in FY 2019 to fund approximately 6 awards. Future year amounts will depend on annual appropriations. Application budgets are limited to $499,999.00 Direct Costs.

**Partnerships for Countermeasures Against Select Pathogens (R01)** (link) – LOI Due December 12, 2017; Application Due January 12, 2017 – NIAID intends to commit $16 million in FY 2019 to fund 15-20 awards. Recommended budget for direct costs of up to $750,000 per year may be requested. Applicants may also request up to an additional $300,000 in the first year of the award for major equipment to ensure that research objectives can be met and biohazards can be contained, totaling $1,050,000 direct costs for Year 1 only.

**Synthetic Biology for Engineering Applications (R01)** (link) – Standard Due Dates: February 5, June 5, October 5 – Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NSF**

**Limited Submission Cultivating Cultures for Ethical STEM (CCE STEM)** (link) – Full Due February 15, 2018 – The maximum amount now for 5-year awards is $600,000 and the maximum amount for 3-year awards is $400,000.

**National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)** (link) – Full Due February 20, 2018 – 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.

**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: $12.75 million per year, pending availability of funds; Estimated Number of Awards: 255

**Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)** (link) – Full Due February 14, 2018 – Each CyberTraining award shall range from $300,000 to $500,000 per award and shall be up to 3 years in duration.

**Dear Colleague Letter: Request for Information on Mid-scale Research Infrastructure** (link) – Responses Due December 8, 2017 – The PM in Plasma Physics strongly suggested that researchers should submit ideas, as our ideas are needed for PMs to allocate funding.

**Partnerships for Research and Education in Materials (PREM)** (link) – Full Due January 29, 2018 – Awards are anticipated to be $300,000 to $700,000 per year for up to 6 years pending the availability of funds and receipt of competitive proposals.
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.

Scalable Parallelism in the Extreme (SPX) (link) – Full Due January 9, 2018 – Approximately $10,000,000 will be made available in FY 2018 to support up to 15-25 awards with durations of 2-4 years and up to $1,000,000 per award.

Cyberlearning for Work at the Human-Technology Frontier (link) – Full Due January 8, 2018 – Each project will be funded for a duration of 2 to 3 years and up to a total funding amount of $750,000.

CMII Engineering for Civil Infrastructure (ECI) (link) – Full Due January 10-24, 2018 – PD 17-073Y

CMII Engineering Design and System Engineering (EDSE) (link) – Full Due January 10-24, 2018 – PD 17-072Y

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR) (link) – Full Due December 12, 2017 (Development and Implementation Tier for Engaged Student Learning & Institution and Community Transformation); Submission Window Dates: October 1, 2017 - October 1, 2018 (Exploration and Design Tier for Engaged Student Learning & Institution and Community Transformation) – Engaged Student Learning: Up to $300K, for up to 3 years (Exploration and Design); Level 1: Up to $600K, for up to 3 years Level 2: $601K-$2M, for up to 5 years (Development and Implementation) and Institutional and Community Transformation: Up to $300K, for up to 3 years (Exploration and Design); Up to $3M, for up to 5 years (Development and Implementation)

Japan-US Network Opportunity (JUNO2) R&D for Trustworthy Networking for Smart and Connected Communities (link) – Full Due November 30, 2017 – Each award may be up to $450,000 over three years, and will be made to US organizations, pending availability of funds.

W.M. Keck Foundation
Limited Submission Undergraduate Education Program (link) – For the December grant cycle, Phase I applications must be submitted online no later than May 1, 4:30pm (PT). – Historically, grants range from $200,000 to $1 million, and are typically under $500,000.

Limited Submission Grant Programs in Research (link) – For the December grant cycle, Phase I applications must be submitted online no later than May 1, 4:30pm (PT). – Historically, grants range from $500,000 to $5 million, and are typically $2,000,000 or less.

Requests for Information/Notices of Intent
DOE National Renewable Energy Laboratory Request for Information Regarding the U.S Department of Energy Collegiate Wind Competition (link) – Responses Due January 10, 2018

Student/Postdoctoral Opportunities
The Wistar Institute Caspar Wistar Fellows Program (link) – Applications Due January 29, 2018 – Fellows will be provided their own research space, resources and support needed to run their own labs and pursue their own independent research agenda. Fellows will be appointed for a three-year term with the possibility of extending an additional one to two
years. Two Fellows will be recruited in 2018: one Fellow with a cancer focus that will join Wistar’s NCI-designated Cancer Center and one with a vaccine/immunology focus that will join Wistar’s Vaccine & Immunotherapy Center.

Conseil Europeeen pour la Recherche Nucleaire (CERN) / European Organization for Nuclear Research Marie Sklodowska-Curie ITN: STREAM, CERN (link) – Deadline December 17, 2017 – Attractive remuneration under employment contract. In accordance with the European Commission's allowances for ITNs, there is an additional training allowance to cover training activities, conference attendance, etc.

SAE Dan and Vicky Hancock Scholarship for Mechanical Engineering Excellence (link) – Applications Due March 15, 2018 – $5,500

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 – 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
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.

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 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)

Nascent Light-Matter Interactions (NLM) Proposers Day Webcast
November 28, 2017
1:00 - 2:00 p.m. EST
Information and Registration – Advance registration is required.

NSF Engineering for Civil Infrastructure Webinar
Seminars/Events/Workshops for All Faculty

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

Texas A&M Engineering Collaboration Day – Robotics
December 7, 2017
8:30 a.m. - 4:30 p.m.
Texas Institute for Preclinical Studies (TIPS)
800 Raymond Stotzer Parkway
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

ARPA-E Energy Innovation Summit
March 13-15, 2018
Gaylord National Resort and Convention Center
201 Waterfront Street, National Harbor, Maryland
Information and Registration

CAREER Proposal Writing Workshop 2018 hosted by NSF CMMI
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

2018 NIH Regional Seminar
Texas A&M Engineering, Health Science Center to lead groundbreaking EnHealth Initiative

Dr. Roderic I. Pettigrew, a physician-scientist and internationally recognized leader in biomedical imaging and bioengineering, will join Texas A&M University to lead Engineering Health (EnHealth), the nation’s first comprehensive educational program to fully integrate engineering into all health-related disciplines.

EnHealth will be an innovative, multicollege engineering health initiative based in Houston, Texas, designed to educate a new kind of health care professional with an engineering mindset who will invent transformational technology for health care’s greatest challenges. With Texas A&M’s interdisciplinary makeup and colleges of dentistry, medicine, nursing, pharmacy, public health and veterinary medicine, EnHealth will have a profound impact on both human and animal health. EnMed, the university’s engineering medicine track in partnership with Houston Methodist Hospital, will serve as the first program for EnHealth.

“It is a coup for the Texas A&M (University) Health Science Center to land one of the most heavily recruited leaders, a double National Academy member, in this exciting new field of engineering medicine,” said Chancellor John Sharp. “The innovations that come out of this field will not only save lives, but EnHealth and EnMed also will be an economic boon to the Texas medical community and our state economy as a whole.”

“The way to solve the world’s most challenging health care problems and perhaps prevent many of them in the first place is to take a more integrated approach to education and treatment,” said Michael K. Young, president of Texas A&M. “With this announcement, Texas A&M is harnessing the best across two historically different disciplines—engineering and medicine—to accelerate quality and delivery of care. It’s a new day for integrated health care, and we’re so proud to have Dr. Pettigrew at the helm of this endeavor.”

To view the complete story, please visit the website.