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.

2018 Clinical Science & Translational Research (CST*R) Institute

CTSR Pilot Grant Program (link) – Pre-proposal Submission Deadline: February 15, 2018 – Each Pilot Grant must have three TAMU co-PI’s and will provide $100,000 ($25,000 from CST*R plus $25,000 matching from each of the three TAMU co-PI’s academic units) for a period of one year for supplies and salaries for trainees and technical staff.

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.
NIST Summer Undergraduate Research Fellowship (SURF) Program (link) – Applications Due February 12, 2018 – applying universities may nominate up to 8 undergraduates for participation. NIST anticipates that individual awards to institutions will range from $9,000 - $72,000 with approximately $1.8 million available for new awards.

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

Navy Fiscal Year (FY) 2018 Funding Opportunity Announcement (FOA) for the Office of Naval Research (ONR), on behalf of the Office of the Secretary of Defense (OSD), for the Manufacturing Engineering Education Program (link) – White Papers Due February 16, 2018; Applications Due May 16, 2018 – Each individual award will be up to a maximum of $600,000 per year for up to three (3) years. Applications for larger amounts will be considered on a case-by-case basis.

Navy Enhanced Superconductors for Future Naval Applications (link) – White Papers Encouraged and Due February 10, 2018; Full Due April 10, 2018 – ONR plans to fund up to four (4) awards with an approximate value of up to $150,000 per year, using research funds. However, lower and higher cost proposals will be considered.

C4ISR, Information Operations and Information Technology System Research Synopsis 5 (link) – Due May 14, 2018 – Multiple awards are anticipated as a result of this BAA. The amount of resources made available under this BAA will depend on the quality of the submissions received and the availability of funds.

DOE

Plant Feedstock Genomics for Bioenergy (link) – Pre-application Due February 9, 2018; Application Due April 20, 2018 – Annual budgets are expected to range from $200,000 to $400,000 total costs.

DOE Early Career Research Program (link) – Pre-Application Due January 25, 2018; Application Due April 4, 2018 – The largest award made under the previous seven versions of this FOA received no more than $960,000 over five years. However, the median award size is $750,000, with 80% of awards made for exactly $750,000 over five years.

ARPA-E OPEN 2018 (link) – Concept Paper Due February 12, 2018 – ARPA-E may issue one, multiple, or no awards under this FOA. Awards may vary between $500,000 and $10 million.

IARPA

Geopolitical Forecasting Challenge (Prize Challenge) (link) – Challenge launches February 21, 2018

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

Synthetic Biology for Engineering Applications (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 not limited but need to reflect the actual needs of the proposed project.

BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (SBIR) (R43/R44 Clinical Trial Not Allowed) (link) – Standard Due Dates: September 5, January 5, April 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.

BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (STTR) (R41/R42 Clinical Trial Not Allowed) (link) – Standard Due Dates: September 5, January 5, April 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.

NSF

Cyberinfrastructure for Sustained Scientific Innovation (CSSI) – Data and Software (link) – Full Due April 18, 2018

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.

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.

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.

Smart and Connected Communities (S&CC) (link) – LOI Due January 30, 2018, Full Due February 28, 2018. Anticipated funding amount: $19,250,000 up to 15 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.

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).

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

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

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**Notices of Intent/Requests for Information**

**Clean Energy Smart Manufacturing Innovation Institute (CESMII) Roadmap Project Request for Proposals (RFP) (link)** – Responses Due January 31, 2018

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**Student/Postdoctoral Opportunities**

**Lawrence Livermore Engineering Fellowship Program at Texas A&M (link)** – Application Due January 25, 2018 – Contact: Dr. Alaa Elwany, elwany@tamu.edu

**Idaho National Laboratory Graduate Fellowship Program (link)** – Application Due February 1, 2018 – INL Graduate Fellows will receive an annual salary of $60,000.

**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.

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

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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.

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**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/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**

*DOE Early Career Research Program* ([link](#)) – Pre-Application Due January 25, 2018; Application Due April 4, 2018 – The largest award made under the previous seven versions of this FOA received no more than $960,000 over five years. However, the median award size is $750,000, with 80% of awards made for exactly $750,000 over five years.

**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
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/](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.

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**Proposers Days/Webinars**

(All times Central unless otherwise noted)

**DARPA Preventing Emerging Pathogenic Threats (PREEMPT) Proposers Day and Webcast**

January 30, 2018

[Information and Registration](#) – In Person Participant Registration Deadline is January 23, 2018; Webcast Registration Deadline is January 26, 2018

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**Seminars/Events/Workshops for All Faculty**

[http://tees.tamu.edu/researchsupport/events/](http://tees.tamu.edu/researchsupport/events/)

**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

[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

Revised NSF PAPPG Goes into Effect on January 29

The revised PAPPG (NSF 18-1) will be effective for proposals submitted or due, or awards made, on or after January 29, 2018. You can view the PAPPG at: https://www.nsf.gov/pubs/policydocs/pappg18_1/index.jsp.

NSF conducted a webinar for the research community on Friday, December 8, 2017. Those who were unable to participate in the live webinar will be able to view a recording at: https://nsfgrantsconferences.com/resource-center/#webcasts.

Significant Changes

- **Chapter I.E, Who May Submit Proposals**, incorporates new coverage on the eligibility of international branch campuses of US institutions of higher education. The definition of colleges and universities in Chapter I.E.1 has been updated to now refer to institutions of higher education, for consistency with 2 CFR § 200. In addition, changes have been made to the eligibility requirements for foreign organizations.

- **Chapter II.C.1.e, Collaborators & Other Affiliations Information**, has been significantly revised to request information regarding collaborators and other affiliations (COA) be provided through use of a standard NSF COA template. Footnotes also have been added to address frequently asked questions relating to the new COA template.

- **Chapter II.C.2.d, Project Description**, has been modified to reflect that the Project Description must now contain a separate section specifically identified as "Intellectual Merit".

- **Chapter II.C.2.g, Budget and Budget Justification**, has been revised to increase the number of pages allowed for the budget justification to no more than five pages per proposal. This change applies to budget justifications for both proposers and subawardees.

- **Chapter VII.A.2, Grantee Notifications to NSF**, has been restructured to remove information on requests for NSF approval. In addition, Exhibit VII-1 has been deleted, as coverage on grantee requests for approval from NSF is contained in the Research Terms and Conditions Appendix A and Chapter X.A.3.

- **Chapter X.A.3, Prior Written Approvals**, has been updated to reference the Research Terms and Conditions Appendix A, which is the authoritative source of NSF prior approval requirements.

Clarifications and Other Changes – (This is a partial list of Clarifications and Other Changes)

- **Chapter II.C.2.d(iii), Results from Prior NSF Support**, clarifies the timeframe during which any PI or co-PI that has received NSF support must report on such funding. Chapter II.E.7 on conference proposals, II.E.8 on equipment proposals, II.E.9 on travel proposals and Exhibit II-1, the Proposal Preparation Checklist, also have been updated with this guidance.

- **Chapter II.C.2.g(i)(a), Senior Personnel Salaries & Wages Policy**, has been supplemented with guidance that reflects it is the proposing organization’s responsibility to define and apply the term “year” and include the definition in the budget justification.
• **Chapter II.C.2.g(viii), Indirect Costs**, has been updated to state that amounts for indirect costs should be specified in the budget justification.

• **Chapter II.C.2.j, Special Information and Supplementary Documentation**, includes additional guidance on the content for data management plans that involve collaborative activities.

• **Exhibit II-1, Proposal Preparation Checklist**, has been updated to reflect relevant changes made to Chapter II of the PAPPG. Additional checklist components also have been added to assist proposers in the pre-submission administrative review of proposals to NSF.

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.