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](http://tees.tamu.edu/researchsupport/funding/) 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** [Gordon and Betty Moore - Moore Inventor Fellows](http://teesresearch.tamu.edu) – Email of Intent Due December 6, 2017; Internal Proposal Due December 13, 2017

**Limited Submission** [Keck Undergraduate Education](http://teesresearch.tamu.edu) – Email of Intent Due December 8, 2017; Internal Proposal Due December 14, 2017

**Limited Submission** [Keck Grants Programs in Research](http://teesresearch.tamu.edu) – Email of Intent Due December 8, 2017; Internal Proposal Due December 14, 2017

**Limited Submission** [NIH Data Science Research: Personal Health Libraries for Consumers and Patients (R01)](http://teesresearch.tamu.edu) – Email of Intent Due January 5, 2018; Internal Proposal Due January 11, 2018

**Qatar National Research Fund**
[National Priorities Research Program (NPRP) (link)](http://teesresearch.tamu.edu) – 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.

**Amazon**

*AWS Machine Learning Research Awards* ([link](#)) – For information on how to apply, please contact Amazon at [ml-research-awards@amazon.com](mailto:ml-research-awards@amazon.com) – Awards are distributed at the department and project level, and are structured as one-time unrestricted gifts to academic institutions.

**DOD**

*DARPA Nascent Light-Matter Interactions (NLM)* ([link](#)) – Abstract Due December 18, 2017; Full Due February 7, 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 Advanced Plant Technologies (APT)* ([link](#)) – Abstract Due January 11, 2018; Proposal Due February 21, 2018 – Multiple awards are possible. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

*AFRL/RI Information Institute 2018 Visiting Faculty Research Program* ([link](#)) – Applications Due January 12, 2018 – Research teams are assembled from the Institute membership through a variety of means. Alliances between government and universities called “Educational Partnership Agreements” (EPAs) are used extensively. In addition, individual professors and students can participate through postdoctoral arrangements, sabbatical leaves, Air Force Office of Scientific Research, Summer Faculty Fellowship Program, the Research Associateship Program, the Information Directorate Visiting Faculty Research Program, and other similar programs and agreements.

*Department of Defense (DoD) Defense Enterprise Science Initiative (DESI)* ([link](#)) – Due February 28, 2018 – We anticipate approximately $6 million in total funding will be made available for this program to fund approximately four (4) awards of $1.5 million each. Each award will be funded at approximately $750,000 per year for two (2) years in the form of a grant, cooperative agreement or contract. The university partner must receive at least 50% of total funding requested. DESI funds must be used to conduct basic research efforts at both the university and industry.

**DOE**

*FY 2018 Research and Development for Next Generation Nuclear Physics Accelerator Facilities* ([link](#)) – Due January 19, 2018 – Awards from this FOA and its companion National Laboratory Announcement (LAB 18-1848) are anticipated to total $7,000,000 per year over their two-year project period(s). The number of awards will depend on the number of applications selected for award and the availability of appropriated funds.

*Systems Biology of Bioenergy-Relevant Microbes to Enable Production of Next-Generation Biofuels and Bioproducts* ([link](#)) – Pre-Application Due January 8, 2018; Full Due March 23, 2018 – It is anticipated that up to $8 million will be available for multiple awards to be made in Fiscal Year 2018, with an additional $8 million available per year, up to three years, contingent on the availability of appropriated funds.
NIH

Development and/or Validation of Devices or Electronic Systems to Monitor or Enhance Mind and Body Interventions (R43/R44 Clinical Trial Optional) (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.

Development and/or Validation of Devices or Electronic Systems to Monitor or Enhance Mind and Body Interventions (R41/R42 Clinical Trial Optional) (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.

The Application of Big Data Analytics to Drug Abuse Research (R01 Clinical Trial Optional) (link) – LOI Due 30 Days Prior; 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.

Neuroscience Research on Drug Abuse (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.

Academic-Industrial Partnerships to Translate and Validate in vivo Cancer Imaging Systems (R01 Clinical Trial Optional) (link) – New Dates as per NOT-CA-17-034: The first due date for all types of applications allowed for this FOA is March 1, 2018. Thereafter, Standard dates apply, by 5:00 PM local time of applicant organization. – 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.

NSF

Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP 2.0) (link) – Full Due March 7, 2018

NSF/CASIS Collaboration on Fluid Dynamics and Particulate and Multiphase Processes Research on the International Space Station to Benefit Life on Earth (link) – Due February 1-March 5, 2018 – NSF Funding (total) available under this solicitation is $2 million distributed in FY 2018. Requests may be for up to $400,000 total and up to four years in duration. The award size and duration should be consistent with the project scope.

NSF/CASIS Collaboration on Tissue Engineering on the International Space Station to Benefit Life on Earth (link) – Due January 30 - February 12, 2018 – NSF Funding (total) available under this solicitation is $1.8 million distributed in FY 2018. Requests may be for up to $300,000 total and up to three years in duration.

NSF/Intel Partnership on Foundational Microarchitecture Research (FoMR) (link) – Full Due January 12, 2018 – Approximately 6 awards are anticipated, each up to $500,000 and up to 3 years in duration, subject to the availability of funds and quality of proposals received.

The National Academy of Sciences, Engineering, and Medicine
Scientific Research Disaster Recovery Grants (link) – Cycle 1 Due January 3, 2018; Cycle 2 Due February 28, 2018 – $50,000

Notices of Intent/Requests for Information

EERE Notice of Intent to Issue U.S. Offshore Wind Research and Development Consortium FOA (link)

Student/Postdoctoral Opportunities

National Center for Supercomputing Applications (NCSA) Blue Waters Graduate Fellowship Program (link) – Applications Due February 2, 2018; Reference Letters Due February 9, 2018 – Blue Waters Graduate Fellowships provide PhD students with a year of support, including a $38,000 stipend, up to $12,000 in tuition allowance, an allocation of up to 50,000 node-hours on the powerful Blue Waters petascale computing system, and funds for travel to a Blue Waters Symposium to present research progress and results.

AFCEA ROTC Scholarships (link) – Applications 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

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 listed here.

Seminars/Events/Workshops
Story Circles – Demo Day
January 11, 2018
9:30 a.m. - 4:00 p.m.
Location: TAMU College Station campus, Room/Building TBA
Information on speaker here
Registration
Contact Dr. Laurie Garton, lsgarton@tamu.edu, for more info.

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.

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)

DARPA Advanced Plant Technologies (APT) Proposers Day Webinar
December 12, 2017
8:30 a.m. - 4:30 p.m. EST

Information and Registration – DARPA will continue to accept webinar only registrations through December 11, 2017 or until webinar capacity is reached, whichever comes first. The Proposers Day is also being held at the Westin Arlington Gateway in Arlington, VA.

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

Story Circles – Demo Day
January 11, 2018
9:30 a.m. - 4:00 p.m.
Location: TAMU College Station campus, Room/Building TBA
Information on speaker here
Registration
Contact Dr. Laurie Garton, lsgarton@tamu.edu, for more info

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
May 2-4, 2018
Hyatt Regency Washington on Capitol Hill
Washington, D.C.
Information and Registration

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Research News

Hasan Awarded Prestigious ACS PRF Grant Aimed at Tapping Underutilized Gas Resources

Dr. M.M. Faruque Hasan, assistant professor in the Artie McFerrin Department of Chemical Engineering, has been awarded an American Chemical Society Petroleum Research Fund (ACS PRF) Doctoral New Investigator Award for research that could benefit the entire energy sector and the natural gas industry.

Hasan’s funded project, “Modular Process Intensification of Methane Separation, Storage and Conversion,” could potentially open up large swaths of resources currently not being used in these industries.
TEES Researchers Work with Siemens to Advance Electric Aviation in the United States

This fall, researchers from the Department of Aerospace Engineering at Texas A&M University teamed up with Siemens to develop manned aircraft completely powered by electric propulsion systems.

Over the past year, Dr. Darren Hartl, assistant professor of aerospace engineering and Texas A&M Engineering Experiment Station (TEES) principal investigator for this project, has worked to build a relationship with Siemens Government Technologies toward providing engineering services dedicated to this important goal.

“From the first time that I heard what Siemens was trying to do, I was very excited about the challenges and potential. I believed that our department needed to be involved in the long term,” Hartl said.

To view the complete 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.