Funding Opportunities

http://teesresearch.tamu.edu/funding-opportunities/

TEES Research Development – Proposal Development Assistance

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.

Take the TEES Research Development Survey – Survey closing soon

Please help us improve the Engineering Research Digest and TEES Research Development services. The survey should only take 5-10 minutes to complete.

Please click here to take the survey.

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 The Arnold and Mabel Beckman Foundation 2018 Beckman Scholars Program – Email of Intent Due March 22, 2017; Internal Proposal Due March 24, 2017
Limited Submission NIMHD Specialized Centers of Excellence on Minority Health and Health Disparities (U54) – Email of Intent Due March 22, 2017; Internal Proposal Due March 29, 2017
Limited Submission NIH Team-Based Design in Biomedical Engineering Education – Email of Intent Due March 29, 2017; Internal Proposal Due April 3, 2017

Department of Health and Human Services

Rehabilitation Engineering Research Centers (RERCs) Program: RERC on Rehabilitation Strategies, Techniques, and Interventions (link) – LOI Due April 14, 2017; Applications Due May 9, 2017 – Estimated Total Funding $925,000

Department of Homeland Security
DHS S&T Center of Excellence for Cross-Border Threat Screening and Supply Chain Defense – Lead (link) – Due August 4, 2017 – Up to $3,500,000 (subject to availability of funds) per year for 10 years

DHS S&T Center of Excellence for Cross-Border Threat Screening and Supply Chain Defense – Partner (link) – Due August 4, 2017 – Up to $500,000; total will be distributed over the two year period of performance (Subject to availability of funds and project execution)

Department of the Treasury
RESTORE Act Centers of Excellence Research Grants Program (link) – Applications Accepted on Rolling Basis until June 5, 2017 – The total funding available for eligible activities under the Centers of Excellence Research Grants Program is dependent upon amounts in the Trust Fund. Each of five eligible applicants may apply for its share of funds.

DOD
Fiscal Year 2018 Defense University Research Instrumentation Program (DURIP) (link) – Due July 7, 2017 – Total Amount Available $47,000,000
Fiscal Year (FY) 2018 Department of Defense Multidisciplinary Research Program of the University Research Initiative (MURI) Synopsis 1 (link) – White Paper Due July 17, 2017; Proposal Due November 1, 2017 – Typical annual funding per grant is in the $1.25M to $1.5M range.
NSWC – Crane Systems of Systems (link) – Due April 12, 2017 – Estimated Total Funding $40,000 - $500,000
NSWC – Crane 3D Visualization (link) – Due April 19, 2017 – $40,000
NSWC – Crane Forensic Analysis of Microelectronics CRANBAA17-002 (link) – Due April 19, 2017 – $40,000
ARL Distributed and Collaborative Intelligent Systems and Technology (DCIST) Collaborative Research Alliance (CRA) (link) – White Papers Due April 28, 2017 – Total Amount Available $90,000,000

The French Embassy and FACE Foundation
The Thomas Jefferson Fund (link) – Due April 9, 2017 – Each grant will amount to $20,000 over two years to be split equally between the French and the American teams. Co-financing from the researchers’ universities is encouraged to ensure the sustainability of these research partnerships.

NASA
ROSES 2017: Research Opportunities in Space and Earth Science (link) – Due June 1, 2018 – Amounts Vary

NIH
Enhancing Science, Technology, EnginEering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25) (link) – LOI Due April 24, 2017; Application Due May 24, 2017 – Application budgets are not limited but need to reflect the actual needs of the proposed project.
**NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01)** (link) – LOI due 30 Days Before; Due June 20, 2017; June 20, 2018 – An applicant may request a budget for direct costs up to $1.625 million dollars with no more than $400,000 in direct costs for any single year.

**Perception and Cognition Research to Inform Cancer Image Interpretation (R01)** (link) – 30 Days Before Due Date; Due May 30, 2017; September 26, 2017 – Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Perception and Cognition Research to Inform Cancer Image Interpretation (R21)** (link) – 30 Days Before Due Date; Due May 30, 2017; September 26, 2017 – The combined budget for direct costs for the two-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

**Quantitative Imaging Tools and Methods for Cancer Response Assessment (U01)** (link) – LOI Due April 9, 2017 – Application budgets need to reflect the actual needs of the proposed project but must not exceed $500,000 (direct costs) for each proposed year.

**NSF**

**Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)** (link) – Full Due September 18, 2017 – Anticipated Funding Amount $10,000,000; Each SMALL project will be funded at $100,000 to $500,000 total for up to three years, subject to the availability of funds; Each MEDIUM project will be funded at $500,001 to $1,000,000 total for up to three years, subject to the availability of funds.

**Dear Colleague Letter: Research Opportunities in Europe for NSF CAREER Awardees** (link)

**Dear Colleague Letter: Research Opportunities in Europe for NSF Postdoctoral Research Fellows** (link)

**Faculty Early Career Development Program (CAREER)** (link) – Due July 19, 2017 (BIO, CISE, EHR); July 20, 2017 (ENG); July 21, 2017 (GEO, MPS, SBE) – Total Amount Available $222,000,000

**Nano-Biosensing** (link) – Due October 1-20, 2017 – PD 17-7909

**Thermal Transport Processes** (link) – Due October 1-20, 2017 – PD 17-1406

**Notices of Intent/Requests for Information**

**NSF Dear Colleague Letter: Request for Information on Future Needs for Advanced Cyberinfrastructure to Support Science and Engineering Research (NSF CI 2030)** (link)

**Student Opportunities**

**ACM-IEEE CS George Michael Memorial HPC Fellowships** (link) – Nominations Due May 1, 2017 – $5,000

**Funding Opportunities Spreadsheet**

Based on what has appeared in the Engineering Research Digest in the past year, TEES Research Development has created a funding opportunities spreadsheet to help faculty with proposal planning. The spreadsheet lists the funding agency, name of grant, open date (month the proposal was announced), due date, limited submission or YIP, and website, if available. To view the spreadsheet, please visit our website. If you have questions or feedback on ways to improve the spreadsheet, please email us at researchnews@tees.tamu.edu.
Proposers Days/Webinars

**DARPA Dynamic Range-enhanced Electronics and Materials (DREaM) Proposers Day**
March 29, 2017
9:00 a.m. - 1:00 p.m.
Hilton, Arlington, VA
[Information and Registration](#) – Registration deadline is March 27, 2017.

**NSF Improving the Reproducibility of Computational Research Webinar**
March 29, 2017
1:00 p.m. - 2:30 p.m.
[Information and Registration](#)

**DARPA Lifelong Learning Machines (L2M) Proposers Day**
March 30, 2017
9:00 a.m. - 2:00 p.m.
DARPA Conference Center, 675 N. Randolph St., Arlington, VA
[Information and Registration](#) – Registration deadline is March 24, 2017.

**TEES Regional Divisions and Hanover Webinar Series** (Open to Engineering Faculty; please see registration link below)

**Good vs. Fundable Proposals** – This webinar presentation will explore funder motivations to help investigators target research and programmatic proposals effectively and subsequently develop proposals that put purpose before dollars. Attendees, led by a Hanover Grants Consultant, will study best practices for developing and communicating viable project ideas, focusing on alignment, integration, and evidence. This training will advance investigators’ ability to identify appropriate funding sources and programs, improve investigators’ persuasive writing, instruct investigators on methods to represent the association of theory and activity, and leave investigators with a clear sense of the elements that separate a “good” idea from a “fundable” concept.
March 31, 2017
11:00 a.m. - 1:00 p.m.

**Developing a Concept Paper & Contacting a Program Officer** – In this training, investigators will learn how to construct a concise summary of the key elements of a funding request to solicit feedback and/or buy-in from prospective funders, partners, and potential stakeholders. Guided by statistical evidence suggesting a correlation between higher success rates and contact with a cognizant program officer, a Hanover Grants Consultant will then walk investigators through appropriate outreach methods and strategies. Training participants will hone proposal development skills and explore methods to increase proposal competitiveness across all types of funders.
April 28, 2017
11:00 a.m. - 1:00 p.m.
Registration for both webinars

**NSF SBIR/STTR Phase 1 Online Q&A Sessions Webinar**
April 2, 2017
1:00 p.m.
Information and Registration – Additional webinars will be offered in April and May.

**DARPA Atomic Magnetometer for Biological Imaging In Earth’s Native Terrain (AMBIENT) Proposers Day**
April 3, 2017
9:00 a.m. - 5 p.m.
DARPA Conference Center, 675 N. Randolph St., Arlington, VA
Information and Registration – Registration deadline is March 29, 2017.

**NSF ADVANCE Institutional Transformation Preliminary Proposal Preparation – Technical Assistance Webinar**
April 12, 2017 (Due date for IT-Preliminary Proposals)
8:00 a.m. - 5 p.m. ET
Information

**NSF CAREER Program Webinar**
May 22, 2017
12:00 p.m. - 2:00 p.m.
Information and Registration

**DARPA Discover DSO Day**
June 15, 2017
Arlington, VA
Information – Registration will be announced at a later date via FBO.

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**Upcoming Events/Workshops**
[http://teesresearch.tamu.edu/events/](http://teesresearch.tamu.edu/events/)

**TEES Research Development**

**NSF CAREER Mock Review Panel and Workshop**
May 22, 2017
8:00 a.m. - 4:00 p.m.
Rudder Tower, Room 401
Information and Registration

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**Other Opportunities**

**2017 NSF CAREER Proposal Writer’s Group Inaugural Meeting**
March 22, 2017
2:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Information and Registration

Smart Manufacturing™ and the Clean Energy Smart Manufacturing Innovation Institute
March 22, 2017
3:30 p.m. - 5:00 p.m.
Rudder Tower, Room 501
Information

Demystifying the NSF
March 28, 2017
1:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Information and Registration

Medical Technology Enterprise Consortium (MTEC) 2nd Annual Membership Meeting
March 29-30, 2017
Southwest Research Institute, San Antonio, Texas
Information and Registration

NSF Broader Impacts Workshop
April 12, 2017
2:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Information and Registration

ENG-LIFE 2017: Biomanufacturing and Synthetic Biology
April 14, 2017
8:00 a.m. - 5:00 p.m.
MSC, Room 2300 C, D & E
Information and Registration

Smart Grid Workshop – “Using Big Data in Smart Grids: The Next Steps”
April 18, 2017
8:00 a.m. - 5:00 p.m.
MSC
Information and Registration

Spring 2017 NIH Regional Seminar on Program Funding & Grants Administration
May 3-5, 2017
New Orleans Marriott, 555 Canal Street, New Orleans, LA
Information and Registration
Naval Surface Warfare Center, Crane Division (NSWC Crane) Advanced Planning Briefings for Industry (APBI)
May 17, 2017
8:00 a.m. - 4:00 p.m.
WestGate Academy Conferencing & Training Center, 13598 East WestGate Drive, Odon, IN
Information and Registration

TEES Annual Research Conference
May 24-25, 2017
Prairie View A&M University
Information and Registration

Science of Team Science (SciTS) 2017 Conference
June 12-14, 2017
Hyatt Regency Clearwater Beach Resort, Clearwater, FL
Information – Abstracts Due March 24, 2017; Registration will open soon

DOE Bioeconomy 2017: Domestic Resources for a Vibrant Future
July 11-12, 2017
Sheraton Pentagon City, Arlington, VA
Information – Registration to be opened soon.

26th USENIX Security Symposium
August 16-18, 2017
Vancouver, BC, Canada
Information

Research News

Robonaut: Perception in Space

In order to remain safe, robots are commonly used to reach what human hands cannot. Often a robot is used to uncover victims from rubble or bring them safely to shore. These helpful hands can even reach a world far beyond our own—outer space.

Dr. Dezhen Song, a professor in the Department of Computer Science and Engineering at Texas A&M University, is working on a collaborative project with NASA’s Johnson Space Center to develop localization and mapping algorithms for an astronaut robot (Robonaut) to make better use of the crew’s time, and to perform dangerous tasks in lieu of a human.

To view the complete story, please visit the website.

Update from the National Science Foundation’s SBIR/STTR Program: March 2017

NEW SBIR/STTR Solicitations Posted:
The Small Business Innovation Research (SBIR) Phase I and Small Business Technology Transfer (STTR) Phase I solicitations are now live. Read through them:

- **SBIR Solicitation** (Due June 14, 2017)
- **STTR Solicitation** (Due June 14, 2017)

**Receive Pre-Proposal Feedback:**
Email a 1-2 page **executive summary** to the relevant **SBIR/STTR Program Director** to help gauge whether a project meets the program's intellectual merit and commercial impact criteria. The summary should discuss: the company and team; the market opportunity, value proposition, and customers; the technology/innovation; the technical challenges to overcome; and the competition.

**Webinars:**
Get your questions answered by a Program Director before the deadline by joining a Q&A webinar. The first webinar will be held on **April 4th at 2 p.m. ET.** See a full list of dates and register [here](#).

**Submitting a Proposal? Complete your registrations now.**
*These four registrations take time and are required to receive funding.* You must register the same information in the same way in each of these systems to avoid problems later.

1. Dun and Bradstreet Data Universal Numbering System (DUNS)
2. System for Award Management (SAM)
3. Small Business Administration (SBA) Company Registry
4. NSF FastLane - register company and Principal Investigator (PI)

**Solicitation Submission Help:**
Use the [FastLane Guide](#) to help navigate the system.

**Frequently Asked Questions:**
Have a question? It’s probably addressed in our FAQs. Read through them [here](#).

Follow [@NSFSBIR](#). Ask us questions or share your news!

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).