Funding Opportunities
For previous funding opportunities, see 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.

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 Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) – Email of Intent Due December 16, 2016; Internal Proposal Due December 22, 2016

Limited Submission St. Baldrick’s Foundation Supportive Care Research Grants – Email of Intent Due December 16, 2016; Internal Proposal Due December 21, 2016

Limited Submission St. Baldrick’s Foundation Research Grants – Email of Intent Due December 16, 2016; Internal Proposal Due December 21, 2016

Limited Submission St. Baldrick’s Foundation St. Baldrick’s Scholars – Email of Intent Due December 16, 2016; Internal Proposal Due December 21, 2016

Limited Submission NSF Cybersecurity Innovation for Cyberinfrastructure (CICI) – Email of Intent Due December 21, 2016; Internal Proposal Due January 4, 2017

Limited Submission The Gordon and Betty Moore Foundation The Moore Inventor Fellows – Email of Intent Due January 4, 2017; Internal Proposal Due January 18, 2017

Limited Submission NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) – Email of Intent Due January 18, 2017; Internal Proposal Due January 25, 2017

DOC
NIST Public Safety Innovation Accelerator Program (link) – Due February 28, 2017 – In FY 2017 through FY2019, NIST anticipates up to $30,000,000 may be available to fund awards in the range of $10,000 to $1,000,000 per year with project performance periods of up to two (2) years.
**DOD**  
*Fundamental Research to Counter Weapons of Mass Destruction*  
**BAA: HDTRA1-14-24-FRCWMD-BAA: Amendment 3** ([link](#)) – Open continuously through September 2024 –  
Grants may range from small dollar value (e.g., $25,000) up to $1,000,000 annually (total, including both direct and indirect costs) depending on the nature and the scope of work.

**DOE**  
**ARPA-E Facsimile Appearance to Create Energy Savings (FACES)** ([link](#)) – Concept Paper  
Due January 16, 2017 – ARPA-E may issue one, multiple, or no awards under this FOA.  
Awards may vary between $250,000 and $9.5 million.  
**Industrial Assessment Centers Technical Field Manager** ([link](#)) – LOI Due January 10, 2017 –  
EERE expects to make approximately $5,000,000 of Federal funding available for the new award under this FOA, subject to the availability of appropriated funds. EERE anticipates making one award under this FOA.  
**Biosystems Design to Enable Next-Generation Biofuels and Bioproducts** ([link](#)) – Pre-application Due December 19, 2016 – It is anticipated that award sizes may range from $1,000,000 per year to $5,000,000 per year.

**EPA**  
*Regular and Early Career: Anticipating the Environmental Impacts and Behavioral Drivers of Deep Decarbonization* ([link](#)) – Due February 10, 2017 – Total Amount Available $6,000,000

**MD Anderson Cancer Center Prostate Cancer SPORE**  
2016-2018 Development Research Program Awards ([link](#)) – Pre-application Due December 15, 2016 – Each award consists of a maximum of $50,000 plus institutional F&A (maximum of 60%) for 1 year.  
2016-2018 Career Enhancement Program Awards ([link](#)) – Pre-application Due December 15, 2016 – Each award consists of a maximum of $50,000 plus institutional F&A (maximum of 60%) for 1 year.

**NIH**  
*Optimizing the HIV Care Continuum for Substance Abusing Populations at High-Risk and/or Living with HIV (R01)* ([link](#)) – LOI Due 30 days prior to the Application; Due May 9, 2017 – NIH intends to fund an estimate of 3-5 awards, corresponding to a total of $4 million, for fiscal year 2017. Future year amounts will depend on annual appropriations.  
**Innovative Programs to Enhance Research Training (IPERT) (R25)** ([link](#)) – LOI Due 30 days prior to the Application; Due February 7, 2017 – There are no specific budget limitations; however, the requested direct costs must be reasonable, well documented, fully justified and commensurate with the scope and purpose of the proposed program for the intended outcome(s).  
**Postbaccalaureate Research Education Program (PREP) (R25)** ([link](#)) – Due January 24, 2017 – The total direct costs for each award are limited to $400,000 annually.  
**Research Education: Initiative for Maximizing Student Development (IMSD) Program (R25)** ([link](#)) – Due January 27, 2017 – The total amount to be awarded is approximately $5 million (total costs) per year.
**Large Research Projects for Prevention of Healthcare-Associated Infections (R01)** ([link](#)) – Standard Dates: February 5, June 5, October 5 – The total costs awarded to a grant under this FOA will not exceed $500,000 in any given year for a period of up to five (5) years. Applications with project periods that exceed five years or budgets that exceed $500,000 total costs in any given year will not be reviewed.

**NSF**

*Energy-Efficient Computing: from Devices to Architectures (E2CDA)* ([link](#)) – Full Due March 7, 2017 – It is anticipated that approximately 2-4 multidisciplinary collaborative (Type I) projects, each ranging from $800,000 to $1,600,000 per year for three 3 years, and 2-4 individual or small (Type II) projects, each ranging from $100,000 to $200,000 per year for 1 to 3 years, will be supported.

*Algorithms for Modern Power Systems (AMPS)* ([link](#)) – Full Due February 13, 2017 – Total Amount Available $1,200,000

*Algorithms in the Field (AitF)* ([link](#)) – Full Due January 12-26, 2017 – Approximately 15 awards of up to $800,000 per award with durations up to 4 years are anticipated, subject to availability of funds.

*Scalable Parallelism in the Extreme (SPX)* ([link](#)) – Full Due January 10, 2017 – Approximately $10,000,000 will be made available in FY 2017 to support up to 15-25 awards with durations of 2-4 years and up to $1,000,000 per award.

**Qatar National Research Fund (QNRF)**

*Path towards Personalized Medicine (PPM) Call* ([link](#)) – Due (noon, Doha time) March 8, 2017 – Up to $200,000 per year, up to 3 years

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**Awards/Fellowships**

*Limited Submission The Gordon and Betty Moore Foundation* *The Moore Inventor Fellows* ([link](#)) – February 8, 2017: Institutions provide basic nominee information; March 1, 2017: All application materials due – The foundation anticipates investing $33.75 million to support 50 Moore Fellows.

*NIH NCI Transition Career Development Award to Promote Diversity (K22)* ([link](#)) – Standard Due Dates: February 12, June 12, October 12 - Award budgets are composed of salary and other program-related expenses.

*NIST Summer Undergraduate Research Fellowship (SURF) Program: SURF operating on the Boulder, Colorado campus (SURF Boulder) and the Gaithersburg, Maryland campus (SURF Gaithersburg)* ([link](#)) – Due February 15, 2017 – Approximately $1.8 million for new awards may be available (approximately $200,000 for SURF Boulder and $1.6 million for SURF Gaithersburg). NIST anticipates that individual awards to institutions will range from approximately $9,000 - $72,000 and will support approximately 200 undergraduate students in total.

*Berkeley/EECS Summer Undergraduate Program in Engineering Research at Berkeley – Information Technology for Sustainability (SUPERB-ITS)* ([link](#)) – Deadline: January 30, 2017 – $4,500 stipend, housing, meals and $600 travel allowance provided

*IEEE Standards Education Grants* ([link](#)) – Applications may be submitted at any time throughout the year. The Standards Education Committee will review applications according
Grants include US$500 for students, with additional honoraria for faculty mentors.

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### Research Challenges/Competitions

**2017 Microsoft Indoor Localization Competition – Call for Contesters**

April 18-19, 2017  
Pittsburgh, PA  
[Information and Registration](#) – Registration Deadline: 2-page Abstract Due January 27, 2017

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### Proposers Days/Webinars

**NSF INCLUDES: Launch Pilots Preliminary Proposal Webinar**

December 16, 2016  
12:00 p.m. - 1:00 p.m.  
[Information and Registration](#)

January 12, 2017  
12:00 p.m. - 1:00 p.m.  
[Information and Registration](#)

**DOE Industrial Assessment Centers Technical Field Manager Informational Webinar**

December 20, 2016  
11:00 a.m. - 12:00 p.m.  
[Registration](#)

**SRC Joint University Microelectronics Program (JUMP) Proposers’ Workshop**

Tentatively planned for January 16, 2017, to February 6, 2017 (Date to be finalized no later than December 15, 2016)  
[Information](#)

**NSF Proposal & Award Policies & Procedures Guide (PAPPG) Update Webinars**

(Updates effective January 30, 2017)  
January 19, 2017 – 12 p.m. - 1:30 p.m.  
[Information and Registration](#)

**DARPA OFFSET Proposers Day**

January 30, 2017  
DARPA Conference Center  
675 North Randolph Street, Arlington, VA  
[Information and Registration](#)
DOE Photovoltaics Research and Development (PVRD) 2: Modules and Systems – Informational Webinar for All Topic Areas
February 7, 2017
Time and Registration to be announced

Upcoming Events
See also http://teesresearch.tamu.edu/events/ for a complete listing and links to handouts/presentations

TEES Research Development

Other Opportunities

Quantitative BioImaging (QBI) 2017 Conference
January 5-7, 2017
MSC
Information and Registration

Capacity Building Workshop for S-STEM Proposals
February 20-21, 2017
Rice University, Houston, TX

Writing Successful Proposals Workshops
March 2, 2017
1:00 p.m. - 4:00 p.m.
Henderson Hall, Room 103
Information and Registration

Save the Date
NSF CAREER and Other Young Investigator Programs Seminar
March 3, 2017
Location and Registration to be announced in January

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

Demystifying the NSF
March 28, 2017
1:00 p.m. - 3:30 p.m.
Information and Registration
Research News

Sasangohar Working on Tool to Monitor Stress Levels and Increase Efficiency in Nursing Field

High workload and stress are becoming major contributors to medical errors in modern nursing. Nurses interact with a wide range of medical equipment in a highly collaborative environment to provide care for multiple patients.

Dr. Farzan Sasangohar, assistant professor in the Department of Industrial and Systems Engineering at Texas A&M University, is working to help nurses manage their workload by utilizing a smart watch to monitor nurses’ well-being and deliver an overall observation of a unit’s workload and stress level.

To view the complete story, please visit the website.

Han Co-PI on New $4.2 Million NIH Tissue Chip Testing Center

Dr. Arum Han, professor in the Department of Electrical and Computer Engineering at Texas A&M University, is the co-PI on a new $4.2 million Tissue Chip Testing Center established at Texas A&M.

The center, which is one of two established by the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH), will provide a way to test and validate the performances of developed tissue chips. The second center has been established at the Massachusetts Institute of Technology.

To view the complete story, please visit the website.