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.

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.

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.

CISCO

Secure and Private Internet of Things (link)

DOD

Boundary Layer Transition (BOLT) Experiments (link) – Due April 7, 2017 – $2,000,000

Pandemic Prevention Platform (P3) (link) – Abstract Due March 13, 2017 – 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.
Secure Handhelds on Assured Resilient networks at the tactical Edge (SHARE) (link) – Due March 15, 2017 – Total Amount Available $30,500,000

DARPA Efficient Ultra-Compact Laser Integrated Devices (EUCLID) (link) – Due February 15, 2017 – One or more 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.

DOE

Plasma Science Facilities (link) – Pre-Application Due March 3, 2017 – No more than $24,000,000 total (approximately $4,800,000 per fiscal year) will be available to support all years (maximum of five fiscal years) of all financial assistance (cooperative agreement) awards made under this FOA.

ARPA-E Creating Innovative and Reliable Circuits Using Inventive Topologies and Semiconductors (CIRCUITS) DE-FOA-0001727 https://arpa-e-foa.energy.gov/ – Concept Papers Due February 20, 2017 – Total Amount Available $20,000,000

ARPA-E CIRCUITS – SBIR DE-FOA-0001736 https://arpa-e-foa.energy.gov/ – Concept Papers Due February 20, 2017 – Total Amount Available $10,000,000

NIH

Development of Highly Innovative Tools and Technology for Analysis of Single Cells (SBIR) (R43/R44) (link) – Standard Due Dates: April 5, September 5, January 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 of Highly Innovative Tools and Technology for Analysis of Single Cells (STTR) (R41/R42) (link) – LOI Due 30 Days Prior to Application Date; Standard Due Dates: April 5, September 5, January 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.

Mechanisms of Disparities in Chronic Liver Diseases and Cancer (R01) (link) – LOI Due 30 Days Prior to Application Date; Due May 22, 2017 – Application budgets are not limited but need to reflect the actual needs of the proposed project.

Advancing our Understanding of the Brain Epitranscriptomics (R01) (link) – Standard Due Dates: June 5, October 5, February 5 – Application budgets are not limited but need to reflect the actual needs of the proposed project.

NSF

Tomorrow’s Internet Project Office (TIPOFF): Building on the Success of the Global Environment for Network Innovations (link) – Full Due May 2, 2017 – 10,000,000

Geotechnical Engineering and Materials (GEM) (link) – Full Proposal Accepted Anytime – PD 16-1636

Dear Colleague Letter: Request for Input on Federal Datasets with Potential to Advance Data Science (link)

Dear Colleague Letter: Funding Opportunity – A “Quantum Leap” Demonstration of Topological Quantum Computing (link)
Dear Colleague Letter: Announcing Realignment of the Service, Manufacturing, and Operations Research (SMOR) Program and Name Change to the Operations Engineering (OE) Program

Student/Postdoc Opportunities

NIH NINDS Postdoctoral Mentored Career Development Award (K01) – Due April 4, 2017 – NIH will contribute $30,000 per year toward the research and career development costs of the award recipient, which must be justified and consistent with the stage of development of the candidate and the proportion of time to be spent in research or career development activities.

Proposers Days/Webinars

NSF Emerging Role of Mobile Phones in Health Webinar
February 15, 2017
1:00 p.m. - 2:00 p.m.
Information and Registration

DARPA Academic Research Roundtable
March 8, 2017
DARPA Conference Center
675 N. Randolph Street, Arlington, VA 22203
Information and Registration

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

Upcoming Events/Workshops
http://teesresearch.tamu.edu/events/

TEES Research Development

Registration Now Open
NSF CAREER and Other Young Investigator Programs Seminar
March 3, 2017
8:00 a.m. - 12:45 p.m.
Rudder Tower, Room 301
Registration – Light breakfast and refreshments will be served.

Other Opportunities
Bring-Your-Own-Code (BYOC) Workshop
February 23, 2017
1:00 p.m. - 5:00 p.m.
Wisenbaker Engineering Building, Room 202
Information and Registration

ARPA-E Energy Innovation Summit
February 27 - March 1, 2017
Washington, D.C.
Information and Registration

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

NDIA Military Medicine Partnership Conference and Expo
March 7-8, 2017
Turf Valley Hotel and Convention Center, 2700 Turf Valley Road, Ellicott City, MD
Information and Registration

NSF CISE CAREER Proposal Writing Workshop
March 20, 2017
8:30 a.m. - 5:00 p.m.
Hilton Arlington, Arlington, VA
Information and Registration

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.
Henderson Hall, Room 103
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
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

Science of Team Science (SciTS) 2017 Conference
June 12-14, 2017
Hyatt Regency Clearwater Beach Resort, Clearwater, FL
Information – Abstracts Due March 17, 2017; Registration will open in early 2017

26th USENIX Security Symposium
August 16-18, 2017
Vancouver, BC, Canada
Information – Call for Papers are due February 16, 2017; Invited talk and panel proposals are
due on February 16, 2017

Research News

NIH CSR Posts New Peer Review Videos for Applicants and Reviewers

NIH’s Center for Scientific Review (CSR) posted recordings of their most recent webinar series on peer review:

- 8 Ways to Successfully Navigate NIH Peer Review and Get a Fellowship Grant – What applicants need to know about the submission and review of a fellowship grant
- 8 Ways to Successfully Navigate NIH Peer Review and Get an R01 Grant – What applicants need to know about the submission and review of an R01 grant
- NIH Peer Review Briefing for Basic Research Applicants and Reviewers – NIH’s commitment to basic research and helping applicants and reviewers do their part in proposing and reviewing basic research

CSR is the portal for receipt and referral of NIH grant applications and, for the majority of those applications, carries out the peer review process for assessing scientific and technical merit.

To view the videos, please see the NIH website.

Ma Creates Better Metals for Manufacturing and Beyond with Nanoparticles
Dr. Chao Ma, assistant professor in the Department of Engineering Technology and Industrial Distribution at Texas A&M University, is thinking small to make a big impact in the field of laser manufacturing.

How big? Big enough to be used in a wide array of manufacturing disciplines, pharmaceutical processing, energy storage, biomedical implants and even outer space.

In a paper published in Nature Communications, Ma and a team of researchers from the University of California at Los Angeles and Missouri University of Science and Technology shared their success of using nanoparticles to create effective control of melting and solidification behaviors of materials.

To view the complete story, please visit the website.

**Increasing Productivity to Allow Better Use of Passions and Talents**

Within the last 100 years, a shift in the United States economy has occurred. Previously, the workforce was comprised of predominantly farmers. Today, less than 3 percent of the workforce is in the agricultural sector. To accommodate this shift, manufacturing productivity must increase.

Dr. Andrew Johnson, associate professor in the Department of Industrial and Systems Engineering at Texas A&M University, is looking for ways to increase productivity in manufacturing and other historically important sectors to allow those needs to be met more efficiently.

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.