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Research, Funding News

Biomedical Engineering Building: UNT College of Engineering is adding a new 26,250-square-foot building to Discovery Park campus. The new building will feature two large research labs, three teaching labs and three classrooms. The construction starts May 1st, 2018, and is anticipated to complete by fall 2019.

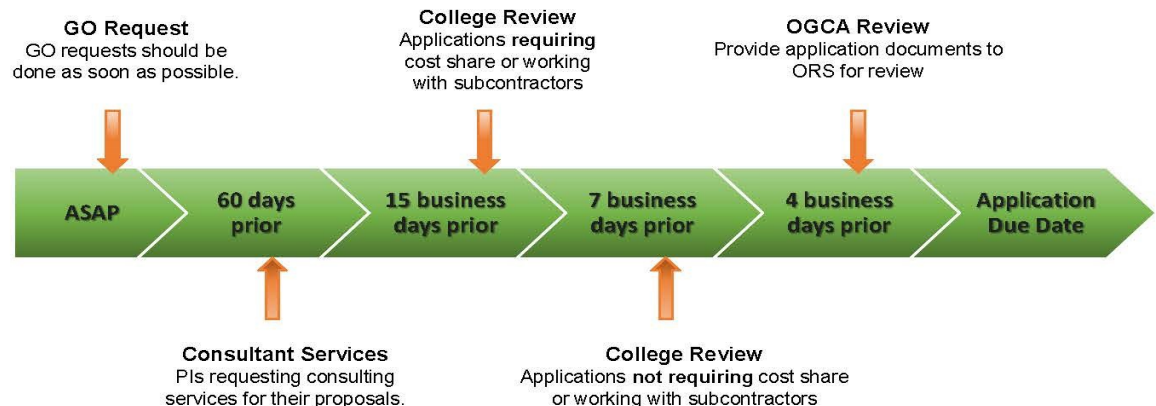
Air Force Science & Technology 2030 Initiative: The Air Force announced dates and locations of the upcoming innovation workshops open to the public. They will organize 6 workshops, designed to partner external ideas with Air Force resources. (Thanks to Dr. Tao Yang for the information)

Trump, Congress approve largest U.S. research spending increase in a decade: NIH, NSF, DOE and NASA are all slated for increases in the new budget. [More](#)

NSF proposes to begin work on the Big Ideas, and in addition, implement two Convergence Accelerators to invest in cutting-edge interdisciplinary research. The two accelerators will focus on [Harnessing the Data Revolution for 21st Century Science and Engineering](#); and the [Future of Work](#) at the Human Technology Frontier.



Pre-Award Timeline and Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: *Rajiv Mishra*

Department: Materials Science and Engineering

Project Title: Superpredictor for Friction Stir Welding and Dissimilar Material Joining - CFSP IUCRC Membership
Funded in P00015 to W911NF-13-2-0018

Sponsor: US Army Research Laboratory - ARL

Project Period: 8/25/2017 - 8/31/2018

Award: \$35,000.00

PI: *Yong Yang*

Department: Biomedical Engineering

Project Title: UNS: Nanotopographical Memory Modulates Stem Cell Fate

Sponsor: National Science Foundation - NSF

Project Period: 9/1/2017 - 6/30/2018

Award: \$245,103.00

PI: *Song Fu*

Department: Computer Science and Engineering

Project Title: Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems

Sponsor: Los Alamos National Laboratory - LANL

Project Period: 3/8/2018 - 10/31/2020

Award: \$180,000.00

FUNDING OPPORTUNITIES

National Science Foundation

[Condensed Matter and Materials Theory \(CMMT\)](#)

Solicitation ID: NSF 18-500

Application due: Proposals Accepted Anytime

[Research Coordination Networks \(RCN\)](#)

Solicitation ID: NSF 17-594

Submission deadlines vary by program.

[\(Limited\)Cybersecurity Innovation for Cyberinfrastructure \(CICI\)](#)

Solicitation ID: NSF 18-547

Internal deadline: Apr 09, 2018

Application due: Jun 04, 2018

[Cyberinfrastructure for Sustained Scientific Innovation \(CSSI\) - Data and Software](#)

Solicitation ID: NSF 18-531

Application due: Apr 18, 2018

[Expeditions in Computing](#)

Solicitation ID: NSF 18-528

Preliminary Proposal due: Apr 25, 2018

Full Proposal due: In Trans Apr 24, 2019; Expeditions Jan 16, 2019

[Industry-University Cooperative Research Centers Program \(IUCRC\)](#)

Solicitation ID: NSF 17-516

Preliminary proposal due: Apr 18, 2018

Full Proposal due: Jun 20, 2018

[US-EU Internet Core & Edge Technologies \(ICE-T\)](#)

Solicitation ID: NSF 18-535

Application due: May 07, 2018

[Cyber-Physical Systems \(CPS\)](#)

Solicitation ID: NSF 18-538

Application due: May 08, 2018

[Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering \(BIGDATA\)](#)

Solicitation ID: NSF 18-539

Application due: May 14, 2018

[Partnerships between Science and Engineering Fields and the NSF TRIPODS Institutes TRIPODS + X](#)

Solicitation ID: NSF 18-542

Application due: May 29, 2018

[Smart and Connected Health \(SCH\)](#)

Solicitation ID: NSF 18-541

Application due: May 22, 2018; Dec 11, 2018

[Small Business Innovation Research Program Phase I \(SBIR\)](#)

Solicitation ID: NSF 18-550

Application due: Jun 14, 2018

[Small Business Technology Transfer Program Phase I \(STTR\)](#)

Solicitation ID: NSF 18-551

Application due: Jun 14, 2018

[Faculty Early Career Development Program \(CAREER\)](#)

Application due: BIO, CISE, HER: Jul 18, 2018; ENG Jul 19, 2018; GEO, MPS, SBE: Jul 20, 2018

[Science, Technology, and Society \(STS\)](#)

Solicitation ID: NSF 15-506

Application due: Aug 03, 2018

National Institutes of Health

[Enhancing Science, Technology, Engineering, and Math Educational Diversity \(ESTEEMED\) Research Education Experiences \(R25\)](#)

Solicitation ID: PAR-17-221

Letter of Intent due: Apr 24, 2018

Application due: May 24, 2018

FUNDING OPPORTUNITIES - CONTINUED

Department of Defense/ US Army / DARPA/ ONR

[FY19 Defense University Research Instrumentation Program \(DURIP\)](#)

Solicitation ID: FOA-AFRL-AFOSR-2018-0002
Application due: Jul 06, 2018

[FY19 DoD Multidisciplinary Research Program of the University Research Initiative](#)

Solicitation ID: ONR: FOA-AFRL-AFOSR-2018-0001
White paper due: Jun 29, 2018
Application due: Oct 16, 2018

[FY18 Funding Opportunity Announcement \(FOA\) for the Office of Naval Research \(ONR\) Navy and Marine Corps Science, Technology, Engineering & Mathematics \(STEM\), Education and Workforce Program](#)

Solicitation ID: ONR N00014-18-S-F003
White paper due: Jul 31, 2018
Application due: Sep 28, 2018

[C4ISR, Information Operations and Information Technology System Research](#)

Solicitation ID: ONR N66001-17-S-3601
Application due: May 14, 2018

[Research Interests of the Air Force Office of Scientific Research](#)

Solicitation ID: AFOSR-BAA-AFRL-AFOSR-2016-0007
Application due: remains open until superseded

National Aeronautics and Space Administration

[ROSES 2018 Discovery Data Analysis](#)

Solicitation ID: NNH18ZDA001N-DDAP
Application due: Aug 30, 2018

[Advanced Information Systems Technology \(AIST-18\)](#)

Solicitation ID: NNH18ZDA001N-AIST
Application due: TBD

Department of Transportation

[FHWA 2018 Exploratory Advanced Research Program](#)

Solicitation ID: 693JJ3-18-BAA-0001
Application due: Apr 19, 2018

Department of Agriculture

[Higher Education Challenge \(HEC\) Grants Program](#)

Solicitation ID: USDA-NIFA-CGP-006538
Application due: May 07, 2018

JUNIOR FACULTY AWARDS

National Institute of Health

[Early Stage and Early Established Investigator Policies](#)

[NIH Director's Early Independence Award \(DP5 - Clinical Trial Optional\)](#)

Solicitation ID: RFA-RM-18-010

Application due: Sep 27, 2018

National Science Foundation

[Faculty Early Career Development Program \(CAREER\)](#)

Application due: BIO, CISE, HER: Jul 18, 2018; ENG Jul 19, 2018; GEO, MPS, SBE: Jul 20, 2018

DoD Young Investigator Awards

[Army Research Office Young Investigator Program](#)

Application due: Proposals may be submitted at any time. Per Broad Agency Announcement (BAA), through 3/31/2022.

[Air Force Fiscal Year 2019 Young Investigator Research Program \(YIP\)](#)

Solicitation ID: FA9550-18-S-0002

Application due: Jun 01, 2018

Eligibility: Ph.D. degree by April 1, 2012 or later; U.S. citizen, national, or permanent resident by Oct 01, 2018

WEBINAR, WORKSHOP & EXPO

NSF

[Semi-annual NSF Grants Conference](#)

June 4-5, 2018 Detroit, Michigan

Registration will open on Thursday, March 15 at 12:00 PM EST

NIH

[NIH Regional Seminars on Program Funding and Grants Administration](#)

May 2-4, 2018 Washington, DC

DoD

[Air Force The Science & Technology 2030 Initiative](#)

Including 6 innovation Workshops

[SBIR/STTE Innovation Summit](#)

October 23-25, 2018 Tampa, FL

NIST

[2018 NICE Conference and Expo](#)

November 5-9, 2018 Location: TBD

[2018 NICE K-12 Cybersecurity Education Conference](#)

December 3-4, 2018 San Antonio, TX

NICE

[National Cyber Summit](#)

June 5-7, 2018 Huntsville, AL

SERDP

[ASETSDefense Workshop 2018](#)

August 21-23, 2018, Denver, CO

FUNDING SEARCH ENGINES

Federal Grants World

<https://grants.gov>

PIVOT– 26,000 Funding Opportunity Database

<https://pivot.cos.com>

Fed biz opps– Federal Business Opportunities

<https://www.fbo.gov>