

December 2017

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## Research, Funding News

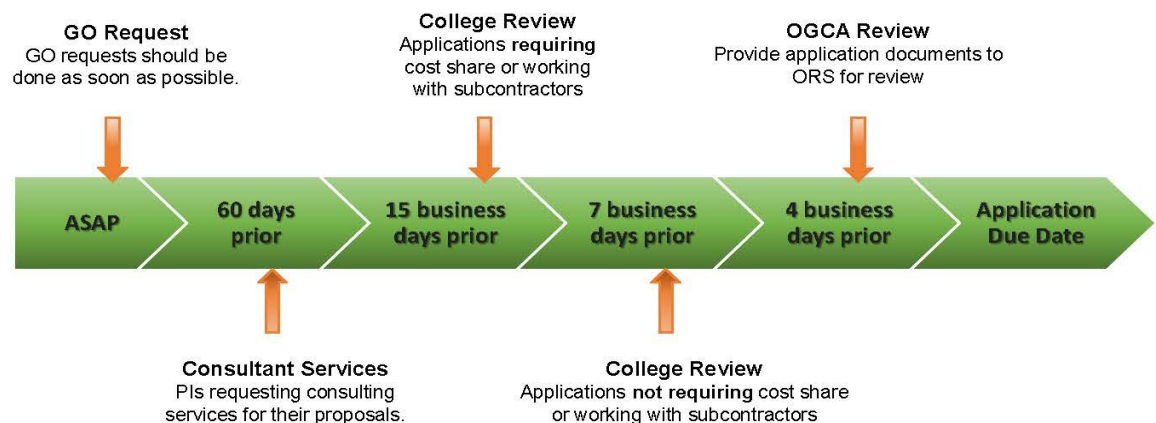
An [NSF CMMI CAREER Proposal Writing Workshop](#) will be held on March 25 - 27, 2018, in Charlotte, NC. The workshop mainly aims to provide future CAREER proposal submitters with proposal review experience and interactions with NSF program directors and recent NSF CAREER awardees. Application deadline is Jan 8, 2018.

**Differential tuition for Engineering:** Starting Fall 2018, undergraduate Engineering courses will increase \$10 per SCH; graduate courses will increase \$60 per SCH. The updated GRA salary and tuition rates starting Fall 2018, are available at [https://engineering.unt.edu/sites/default/files/GRA\\_Salary\\_and\\_Tuition\\_Rates\\_Fall\\_2018.pdf](https://engineering.unt.edu/sites/default/files/GRA_Salary_and_Tuition_Rates_Fall_2018.pdf).

**Engineering For Civil Infrastructure (ECI):** NSF's ECI program "represents a new and integrated vision for fundamental research to underpin transformative innovations for the built environment that are resilient, economical, and adaptable to enhance national prosperity and societal benefits. In support of this vision, the ECI program replaces CMMI's Engineering for Natural Hazard (ENH), Geotechnical Engineering and Materials (GEM), and Structural and Architectural Engineering and Materials (SAEM) programs. ECI will also support research in construction engineering that is compatible with this vision."



## Pre-Award Timeline and Process



<https://engineering.unt.edu/faculty/research-services>

# Recent Research Grant and Contract Awards

**Congratulations to faculty on receiving research grant and contract awards!**

**PI:** *David Keathly*

**Department:** Computer Science and Engineering

**Project Title:** National Convergence Technology Center

**Sponsor:** Collin College

**Project Period:** 7/1/2017 - 6/30/2022

**Award:** \$78,201.00

**PI:** *Rajarshi Banerjee*

**Department:** Materials Science & Engineering

**Project Title:** Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications

**Sponsor:** Air Force Office of Scientific Research - AFOSR

**Project Period:** 9/30/2017 - 9/29/2021

**Award:** \$883,079.00

**PI:** *Yong Yang*

**Department:** Biomedical Engineering

**Project Title:** Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis

**Sponsor:** National Institutes of Health - NIH

**Project Period:** 9/1/2017 - 8/31/2019

**Award:** \$280,765.00

**PI:** *Narendra Dahotre*

**Co-PIs:** *Sundeep Mukherjee, Andrey Voevodin, Cheng Yu, Seifollah Nasrazadani, Haifeng Zhang*

**Department:** Materials Science & Engineering, Engineering Technology

**Project Title:** Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2

**Sponsor:** Northeastern University

**Project Period:** 10/1/2017 - 9/30/2018

**Award:** \$1,000,000.00

# FUNDING OPPORTUNITIES

## National Science Foundation

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

Solicitation ID: NSF 18-500

Application due: Proposals Accepted Anytime

### [Collaborative Research in Computational Neuroscience \(CRCNS\)](#)

Solicitation ID: NSF 18-501

Application due: Jan 5, 2018

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

Solicitation ID: NSF 17-594

Submission deadlines vary by program.

### [Cyberlearning for Work at the Human-Technology Front](#)

Solicitation ID: NSF 17-598

Application due: Jan 8, 2018

### [Scalable Parallelism in the Extreme](#)

Solicitation ID: NSF 17-600

Application due: Jan 9, 2018

### [NSF/Intel Partnership on Foundational Microarchitecture Research \(FoMR\)](#)

Solicitation ID: NSF 17-597

Application due: Jan 12, 2018

### [Dynamics of Coupled Natural and Human Systems \(CNH\)](#)

Solicitation ID: NSF 18-503

Application due: Jan 23, 2018

### [Engineering for Civil Infrastructure \(ECI\)](#)

Solicitation ID: PD 17-073Y

Application due: Jan 24, 2018

### [International Research Experiences for Students \(IRES\)](#)

Solicitation ID: NSF 18-505

Application due: Track-I: Jan 30, 2018; Track-II: Feb 6, 2018;

Track-III: Feb 13, 2018

### [Campus Cyberinfrastructure \(CC\\*\)](#)

Solicitation ID: NSF 18-508

Application due: Jan 30, 2018

### [Smart and Connected Communities \(S&CC\)](#)

Solicitation ID: NSF 18-520

Letter of Intent due: Jan 30, 2018

Full Proposal due: Feb 28, 2018

### [Enabling Discovery through GENomic Tools \(EDGE\)](#)

Solicitation ID: NSF 18-506

Application due: Feb 1, 2018

### [Partnerships for Innovation \(PFI\)](#)

Solicitation ID: NSF 18-511

Application due: Feb 1, 2018

### [Training-based Workforce Development for Advanced Cyberinfrastructure \(CyberTraining\)](#)

Solicitation ID: NSF 18-516

Application due: Feb 14, 2018

### [\(Limited\) Innovation Corps - Nodes Program \(I-Corps Nodes\)](#)

Solicitation ID: NSF 17-533

Letter of Intent due: Feb 8, 2018

Full Proposal due: Mar 13, 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

# FUNDING OPPORTUNITIES - CONTINUED

## National Institutes of Health

### [Bioengineering Research Grants \(BRG\)](#)

Solicitation ID: PAR-18-206

Application due: Feb 5, 2018

### [NCMRR Early Career Research Award](#)

Solicitation ID: PAR-18-211

Application due: Mar 30, 2018

Eligibility: PD(s)/PI(s) must be no more than 7 years beyond the date that the first professional, advanced professional, or terminal academic degree was awarded, whichever is most recent.

### [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

### [\(Limited\) Research Initiative for Scientific Enhancement \(RISE\) \(R25\)](#)

Solicitation ID: PAR-16-361

Application due: May 25, 2018

## Department of Defense/ US Army / DARPA/ ONR

### [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

### [Ralph E. Powe Junior Faculty Enhancement Awards](#)

Application due: Jan 8, 2018

Eligibility: Full-time assistant professors at ORAU member institutions within two years of their initial tenure track appointment at the time of application are eligible.

### [Gulf Research Program Early-Career Research Fellowships](#)

Application due: Feb. 21, 2018

Eligibility: U.S. citizen, U.S. national, or lawful permanent resident. Applicants must hold an Assistant Professor position, not receive tenure before September 1, 2017.

# WEBINAR, WORKSHOP & EXPO

## NSF

[NSF Engineering for Civil Infrastructure Webinar](#)

December 6, 2017 2:00 PM

[Training-based Workforce Development for Advanced Cyberinfrastructure \(CyberTraining\) Webinar](#)

December 12, 2017 2:00 PM

[2018 NSF CAREER Proposal Writing Workshop](#)

March 25-27, 2018 Charlotte, NC

Application Deadline: Jan 8, 2018

[Semi-annual NSF Grants Conference](#)

June 4-5, 2018 Detroit, Michigan

## NIH

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

May 2-4, 2018 Washington, DC

# SUMMER VISITING FACULTY PROGRAM

[Department of Energy](#), [the U.S. Air Force Research Lab](#), [the U.S. Army Research Lab](#) and [the Office of Naval Research](#) have summer visiting faculty programs. The applications are usually solicited from September or October annually for appointments to the next Summer Term.

[Office of Naval Research Summer Faculty Research & Sabbatical Leave Program](#) Applications for the 2018 ONR Summer Faculty Research Program opens from September 1st, 2017 at 12:00 Noon EST and close on December 8, 2017 at 12:00 Noon EST.

# 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>