

## Inside This Issue:

News	1
Recently Awards	2
Continued	3
Funding Opportunities	4
Continued	5
Continued	6
Conferences	7

## Research, Funding News

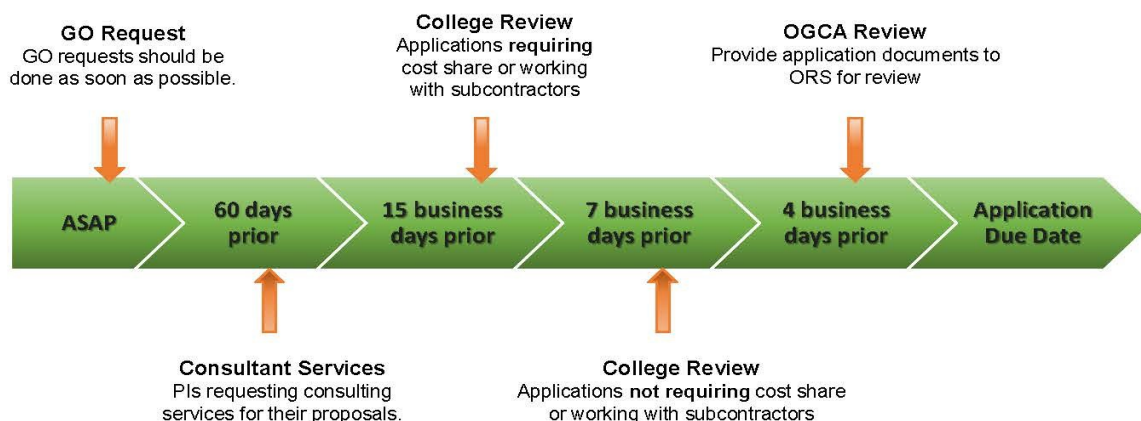
**President Trump announced a deal to reopen parts of the government temporarily through February 15:** [NSF](#) expects that in-person panels that were previously scheduled to occur at NSF on Tuesday, January 29 and Wednesday, January 30 will be postponed or conducted virtually. No panels will take place on Monday, January 28, 2019. NSF will continue to accept proposals in accordance with published deadlines.

**Policy Changes at NIH:** Rules regarding human subjects, updated review criteria, eligibility for the AREA (R15) program are among the changes going into effect for applications submitted to the agency beginning Jan. 25. The [R15](#) activity code will be rebranded as "NIH Research Enhancement Award."

**Pivot is making an important change:** On March 1, 2019, Pivot is moving to <https://pivot.proquest.com> and the current Pivot URL, <https://pivot.cos.com> will be discontinued. Traffic to [cos.com](https://pivot.cos.com) will not automatically redirect to the new URL, including any links you have on your websites, including bookmarks or saved searches. The [new URL](#) is already available and you can start updating your materials and communicate this change now.

**New internal budget builder template:** OGCA recently published [Budget Builder FY 2019 Version](#), with reduced fringe benefit rates and other built-in modifications. Please use this version for future budget planning.

## Pre-Award Timeline and Process



# Recent Research Grant and Contract Awards

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

**PI:** *Narendra Dahotre*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$62,500.00

**PI:** *Marcus Young*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$62,500.00

**PI:** *Rajiv Mishra*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$62,500.00

**PI:** *Rajiv Mishra*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$122,500.00

**PI:** *Tao Yang*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$29,919.00

**PI:** *Marcus Young*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$60,000.00

**PI:** *Andrey Voevodin*

**Department:** Materials Science and Engineering  
**Project Title:** Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials

**Sponsor:** US Army Research Laboratory - ARL

**Project Period:** 10/31/2018 - 10/30/2019

**Award:** \$52,484.00

**PI:** *Huseyin Bostanci*

**Department:** Engineering Technology  
**Project Title:** NPI-UNT Partnership on Nuclear Education, Systems Engineering Initiative, and Outreach Programs

**Sponsor:** Texas AM Engineering Experiment Station

**Project Period:** 12/18/2018 - 7/31/2019

**Award:** \$60,049.00

# Recent Research Grant and Contract Awards

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

**PI:** *Song Fu*

**Co-PI:** *Qing Yang*

**Department:** Computer Science and Engineering

**Project Title:** REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates

**Sponsor:** National Science Foundation - NSF

**Project Period:** 1/1/2019 - 12/31/2021

**Award:** \$359,993.00

**PI:** *Tae-Youl Choi*

**Department:** Mechanical and Energy Engineering

**Project Title:** Development of a kW-level nanocomposites-based membrane heat pump

**Sponsor:** Korea Institute of Machinery Materials

**Project Period:** 01/01/2019 - 5/31/2019

**Award:** \$41,589.00

# FUNDING OPPORTUNITIES

## National Science Foundation

### [Mid-scale Research Infrastructure-2 \(Mid-scale RI-2\)](#)

Type of Award: Cooperative Agreement  
Anticipated Funding: \$150M over five years;  
Number of Awards: 4 to 6;  
Solicitation ID: NSF 19-542  
Letter of Intent Due: Feb 08, 2019  
Preliminary Proposal Due: Mar 11, 2019  
Full Proposal Due: Aug 02, 2019

### [Future of Work at the Human-Technology Frontier: Core Research \(FW-HTF\)](#)

Type of Award: Standard Grant  
Anticipated Funding: \$30M;  
Number of Awards: 30, up to 15 for each class;  
Solicitation ID: NSF 19-541  
Full Proposal Due: Mar 06, 2019

### [Macrosystems Biology and NEON-Enabled Science \(MSB-NES\)](#)

Type of Award: Standard Grant  
Anticipated Funding: \$9M;  
Number of Awards: 18 to 21;  
Solicitation ID: NSF 19-538  
Full Proposal Due: Feb 25, 2019

### [Mid-scale Research Infrastructure-1 \(Mid-scale RI-1\)](#)

Type of Award: Standard Grant or Continuing grant or Cooperative Agreement  
Anticipated Funding: \$60M;  
Number of Awards: 3 to 10;  
Solicitation ID: NSF 19-537  
Preliminary Proposal Due: Feb 19, 2019  
Full Proposal (By invitation only) Due: May 20, 2019

### [National Robotics Initiative 2.0: Ubiquitous Collaborative Robots \(NRI-2.0\)](#)

Type of Award: Standard Grant or Continuing grant or Cooperative Agreement  
Anticipated Funding: \$25M to \$35M per year;  
Number of Awards: 40 to 60 per year;  
Solicitation ID: NSF 19-536  
Full Proposal Due: Feb 19, 2019

### [\(Limited\) Advanced Computing Systems & Services: Adapting to the Rapid Evolution of Science and Engineering Research](#)

Type of Award: Cooperative Agreement  
Anticipated Funding: \$5M to \$10M;  
Number of Awards: 2 to 4;  
Solicitation ID: NSF 19-534  
Full Proposal Due: Mar 04, 2019

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

Type of Award: Standard Grant or Continuing grant  
Anticipated Funding: \$10M to \$17M;  
Number of Awards: 18 to 40;  
Solicitation ID: NSF 19-533  
Full Proposal Due: Feb 20, 2019

### [NSF/CASIS Collaboration on Tissue Engineering and Mechanobiology on the International Space Station \(ISS\) to Benefit Life on Earth](#)

Anticipated Funding: \$2M;  
Number of Awards: 5 awards;  
Solicitation ID: NSF 19-509  
Full Proposal Due: Feb 15, 2019

# FUNDING OPPORTUNITIES

## National Science Foundation

### [Algorithms for Threat Detection \(ATD\)](#)

Anticipated Funding: \$3M;  
Number of Awards: 10 to 20 awards.  
Solicitation ID: NSF 19-504  
Full proposal due: Feb 19, 2019

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

Anticipated Funding: \$20M;  
Number of Awards: 55-65.  
Solicitation ID: NSF 19-506  
Full proposal due: Jul 10, 2019

## National Institute of Health

### [Bioengineering Research Grants \(BRG\) \(R01 Clinical Trial Not Allowed\)](#)

Solicitation ID: PAR-19-158  
Proposal Due: Standard dates apply

### [Exploratory/Developmental Bioengineering Research Grants \(EBRG\) \(R21 Clinical Trial Not Allowed\)](#)

Solicitation ID: PAR-19-149  
Proposal Due: Standard dates apply

### [NIH Research Project Grant \(Parent R01 Basic Experimental Studies with Humans Required\)](#)

Solicitation ID: PA-19-091  
Proposal Due: Standard dates apply

### [NIH Exploratory/Developmental Research Grant Program \(Parent R21 Basic Experimental Studies with Humans Required\)](#)

Solicitation ID: PA-19-092  
Proposal Due: Standard dates apply

### [NIH Exploratory/Developmental Research Grant Program \(Parent R21 Clinical Trial Not Allowed\)](#)

Solicitation ID: PA-19-053  
Proposal Due: Standard dates apply

## Department of Defense

### [Long Range BAA](#)

Solicitation ID: ONR N00014-19-S-B001  
Proposal Due: Sep 30, 2019

### [FY19 Office of Naval Research \(ONR\) Navy and Marine Corps Science, Technology, Engineering & Mathematics \(STEM\), Education and Workforce Program](#)

Solicitation ID: N00014-19-S-F003  
White Paper Due: Jun 28, 2019  
Proposal Due: Sep 27, 2019

### [Microsystems Technology Office \(MTO\)](#)

Solicitation ID: DARPA HR001118S0060  
Abstract Due: Abstracts may be submitted on a rolling basis until 1:00PM on May 26, 2020;  
Proposal Due: Proposals may be submitted on a rolling basis until 1:00PM on June 26, 2020.

### [NRL Long Range Broad Agency Announcement \(BAA\) for Basic and Applied Research](#)

Solicitation ID: N00173-18-S-BA01  
Proposal Due: May 9, 2019

# FUNDING OPPORTUNITIES

## Department of Energy

### [FY 2019 Bioenergy Technologies Office \(BETO\) Multi-topic Request for Information \(RFI\)](#)

Solicitation ID: DE-FOA-0002020

Proposal Due: TBD

### [Energy-Water Desalination Hub](#)

Solicitation ID: DE-FOA-0001905

Concept Paper Due: Feb 07, 2019

Full Proposal Due: May 07, 2019

## Department of Transportation

### [Infrastructure for Rebuilding America \(INFRA\) Grant Program](#)

For a large project, the INFRA grant must be at least \$25 million. For a small project, the grant must be at least \$5 million. For each fiscal year of INFRA funds, 10 percent of available funds are reserved for small projects.

Solicitation ID: NSFHP-19-INFRA19

Full Proposal Due: Mar 4, 2019

## Junior Faculty Awards

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

Application due: BIO, CISE, HER: Jul 17, 2019; ENG Jul 18, 2019; GEO, MPS, SBE: Jul 19, 2019

### [Army Research Office Young Investigator Program](#)

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

# WEBINAR, WORKSHOP & EXPO

## NIH

[Spring 2019 NIH Regional Seminar](#)

May 15-17, 2019 Baltimore, MD

Registration is open.

## NICE

[National Cyber Summit](#)

June 4-6, 2019 Huntsville, AL

## NSF

[Spring 2019 NSF Grants Conference](#)

May 20-21, 2019 Los Angeles, CA

# FUNDING SEARCH ENGINES

Federal Grants World

<https://grants.gov>

PIVOT– 26,000 Funding Opportunity Database

<https://pivot.proquest.com>

Fed biz opps– Federal Business Opportunities

<https://www.fbo.gov>