

April 2018

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Research, Funding News

NSF CAREER Program Webinar: The NSF CAREER Coordinating Committee hosts a webinar on May 15, 2018 to answer participants' questions about development and submission of proposals to the NSF Faculty Early Career Development Program (CAREER).

Two NSF Research.gov System Changes:

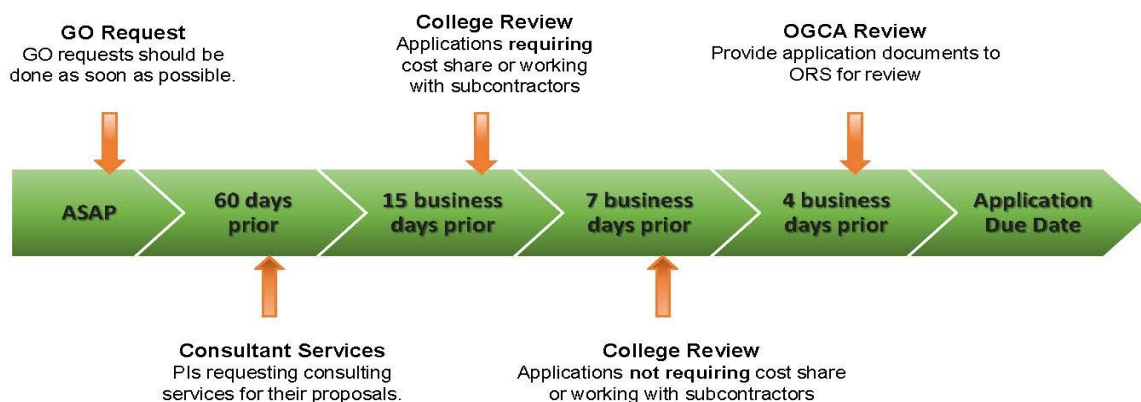
On March 26, 2018, NSF introduced **a new centralized and streamlined account registration process in Research.gov** for the research community that provides each new user with a single profile and unique identifier (i.e., NSF ID) for signing in to FastLane and Research.gov for proposal and award activities.

New NSF Research.gov Proposal Preparation and Submission Site will launch on April 30, 2018. The initial release of this new Research.gov capability will run in parallel with existing FastLane proposal preparation and submission capabilities.

The UNT Foundation Relations team works to assist faculty and unit leadership in meeting fundraising objectives through foundation fundraising. More information at **<https://giving.unt.edu/corporations-and-foundations>**.



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: *Donghui Zhu*

Department: Biomedical Engineering

Co-PI: *Marcus Young*

Department: Material Science and Engineering

Project Title: Novel surface-modified bioresorbable zinc-based stent materials

Sponsor: National Institutes of Health - NIH

Project Period: 6/1/2018 - 5/31/2022

Award: \$1,752,638.00

PI: *Rajiv Mishra*

Department: Materials Science and Engineering

Co-PI: *Vishwanath Prasad*

Department: Mechanical and Energy Engineering

Project Title: Joining R3-3

Sponsor: American Lightweight Materials Manufacturing Innovation Institute (ALMMII)

Project Period: 2/19/2018 - 2/19/2019

Award: \$71,738.00

PI: *Rajiv Mishra*

Co-PIs: *Srinivasan Srivilliputhur, Jincheng Du, Richard Reidy, Rajarshi Banerjee, Thomas Scharf, Marcus Young, Zhenhai Xia, Sundeep Mukherjee*

Department: Materials Science and Engineering

Project Title: Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance

Sponsor: US Army Research Laboratory - ARL

Project Period: 3/21/2018 - 3/20/2019

Award: \$4,003,281.00

FUNDING OPPORTUNITIES

National Science Foundation

[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

[Dear Colleague Letter: Advancing Long-term Reuse of Scientific Data](#)

Solicitation ID: NSF 18-060
Application due: May 23, 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

[STEM + Computing K-12 Education \(STEM+C\)](#)

Solicitation ID: PD 18-005Y
Application due: Jul 02, 2018

[Accelerating Discovery: Educating the Future STEM Workforce \(AD\)](#)

Solicitation ID: PD 18-1998
Application due: Jul 02, 2018, Apr 02, 2018– Jan 16, 2019

[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

[Computer and Information Science and Engineering \(CISE\) Research Initiation Initiative \(CRII\)](#)

Solicitation ID: NSF 18-554
Application due: Aug 08, 2018

Department of Agriculture

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

Solicitation ID: USDA-NIFA-CGP-006538
Application due: May 07, 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
Inquiries and Questions due: Jun 15, 2018
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

[DARPA Next-Generation Non-Surgical Neurotechnology \(N3\)](#)

Solicitation ID: ONR: HR001118S0029
Application due: Jun 05, 2018, 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

JUNIOR FACULTY AWARDS

National Institute of Health

[Ruth L. Kirschstein National Research Service Award \(NRSA\) Individual Predoctoral Fellowship \(Parent F31\)](#)

Solicitation ID: PA-18-671

Application due: Standard dates (Apr 8, Aug 8, Dec 8)

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

Solicitation ID: RFA-RM-18-010

Application due: LOI: Aug 26, 2018, Full proposal: 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

[Computer and Information Science and Engineering \(CISE\) Research Initiation Initiative \(CRII\)](#)

Solicitation ID: NSF 18-554

Application due: Aug 08, 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

[NSF CAREER Program Webinar](#)

May 15, 2018 1:00 –3:00 PM

[Presentation Slides](#)

[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 & Technoligy 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>