

February 2018

Inside This Issue:

News	1
Recently Awards	2
Grant Opportunities	3
Continued	4
Junior faculty funding opportunities	5
Workshops	6

Research, Funding News

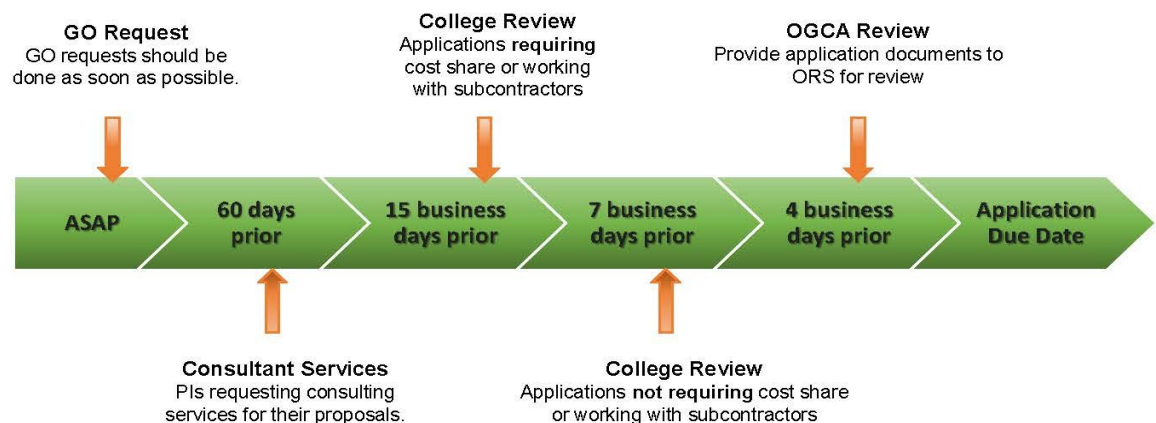
Differential tuition for Engineering: Starting Fall 2018, undergraduate Engineering courses tuition will increase \$10 per SCH; graduate courses tuition will increase \$60 per SCH. The updated [GRA salary and tuition rates](#) start Fall 2018.

The [Spring 2018 National Science Foundation \(NSF\) Grants Conference](#) will take place on June 4-5, 2018 in Detroit, Michigan. Registration will open on Thursday, March 15th at 12:00 PM EST. The conference may reach capacity very quickly, so we encourage you to register as soon as it opens.

[NSF 18-1 Proposal & Award Policies & Procedures Guide \(PAPPG\)](#), effective **January 29, 2018**. Editorial changes have been made to either clarify or enhance the intended meaning of a sentence or section. The document has been updated to ensure consistency with data contained in NSF systems or guidance located in other NSF or Federal policy documents. Throughout the PAPPG, website, address and document references and organizational names have been updated to reflect current information.



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: *Qing Yang*

Department: Computer Science and Engineering

Project Title: NeTS: EAGER: Intelligent Information Dissemination in Vehicular Networks based on Social Computing

Sponsor: National Science Foundation

Project Period: 7/31/2017 - 9/30/2018

Award: \$135,645.00

PI: *Seyed Hamid Sadat Hosseini*

Department: Mechanical and Energy Engineering

Project Title: Experimental and Computational Ship Maneuvering Research: Unsteady 3D Separation, Added Power, Heavy Weather, Intact/Damaged Stability, and System Identification

Sponsor: University of Iowa

Project Period: 9/1/2017 - 8/31/2018

Award: \$25,697.00

PI: *Thomas Scharf*

Co-PI: Rajarshi Banerjee

Department: Materials Science and Engineering

Project Title: Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials

Sponsor: Air Force Office of Scientific Research - AFOSR

Project Period: 9/15/2017 - 9/14/2019

Award: \$171,359.00

PI: *Jincheng Du*

Department: Materials Science and Engineering

Project Title: AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions

Sponsor: Asahi Glass Co., Ltd.

Project Period: 10/1/2017 - 9/30/2019

Award: \$199,740.00

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: 11/1/2017 - 7/31/2018

Award: \$60,856.00

PI: *Krishna Kavi*

Department: Computer Science and Engineering

Project Title: User-centered quality engineering (UCQE) for software and systems

Sponsor: Generic Pooled Sponsor

Project Period: 1/1/2018 - 12/31/2018

Award: \$11,000.00

PI: *Hassan Takabi*

Co-PI: Renee Bryce

Department: Computer Science and Engineering

Project Title: REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates

Sponsor: National Science Foundation - NSF

Project Period: 2/1/2018 - 1/31/2021

Award: \$359,996.00

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.

[Integrative Strategies for Understanding Neural and Cognitive Systems \(NCS\)](#)

Solicitation ID: NSF 18-533

Letter of Intent due: Feb 20, 2018

Full Proposal due: Apr 17, 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

[NSF Scholarships in Science, Technology, Engineering, and Mathematics Program \(S-STEM\)](#)

Solicitation ID: NSF 17-527

Application due: March 28, 2018

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

Solicitation ID: NSF 17-516

Preliminary proposal due: Apr 18, 2018

Full Proposal due: Jun 20, 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 3, 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

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

Solicitation ID: PAR-16-361

Application due: May 25, 2018

FUNDING OPPORTUNITIES - CONTINUED

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

[FY18 Funding Opportunity Announcement \(FOA\) for the Office of Naval Research \(ONR\), on behalf of the Office of the Secretary of Defense \(OSD\), for the Manufacturing Engineering Education Program](#)

Solicitation ID: ONR N00014-18-S-F005

White paper due: Feb 16, 2018

Application due: May 16, 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

Department of Energy

[OPEN 2018](#)

Solicitation ID: DE-FOA-0001858

Concept Paper due: Feb 12, 2018

Full Application due: TBD

JUNIOR FACULTY AWARDS

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

Application due: Feb. 21, 2018

FFAR

[New Innovator in Food and Agriculture Research Award](#) (Limited)

Nominations Due : Feb 28, 2018

American Chemical Society

[Doctoral New Investigator \(DNI\) Grants](#)

Application due: Mar 16, 2018

National Institute of Health

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

[NCMRR Early Career Research Award](#)

Solicitation ID: PAR-18-211

Application due: Mar 30, 2018

NASA

[Early Career Faculty \(18ECF\)](#)

Solicitation ID: 80HQTR18NOA01-18ECF_B1

Application due: NOIs: Feb 28, 2018; Full proposal: Mar 28, 2018

[New Early Career Fellowship Program](#)

Solicitation ID: NNH17ZDA001N-NECF

Application due: Apr 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.

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

[S-STEM 2018 Webinars](#)

February 6, 2018 3-5PM

February 15, 2018 12-2pm

NIH

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

May 2-4, 2018 Washington, DC

DoD

[SBIR/STTE Innovation Summit](#)

October 23-25, 2018 Tampa, FL

NIST

[2018 NIST/OAGi Workshop](#)

April 23-24, 2018 Gaithersburg MD

[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>