

November 2017

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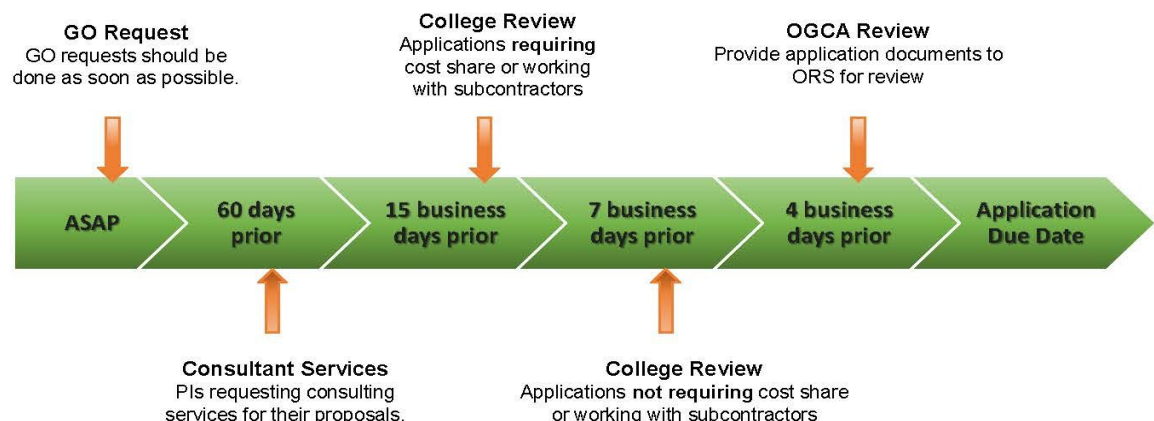
Research, Funding News

The NSF Faculty Early Career Development (CAREER) Program is an NSF-wide activity that offers the NSF's most prestigious awards in support of junior faculty through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. The CAREER Award program requires an integration of research and education activities beyond the scope of a regular NSF grant. An [NSF 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.

[NSF, Air Force Team Up on Microstructures](#): NSF's Division of Civil, Mechanical and Manufacturing Innovation (CMMI), in collaboration with the Air Force Office of Scientific Research (AFOSR), "seeks research proposals for multidisciplinary teams with the potential to transform fundamental understanding of structural materials through the quantitative representation of microstructures."



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: *Junghwan Oh*

Department: Computer Science & Engineering

Project Title: Real-Time Feedback to Improve Colonoscopy

Sponsor: University of Minnesota

Project Period: 6/15/2017 - 5/31/2018

Total Award: \$99,204.00

PI: *Anupama Kaul*

Department: Materials Science & Engineering, Electrical Engineering

Project Title: Electronic and Optical Properties of Two-Dimensional tise_2 & nbse_2 and Elemental Black Phosphorus

Sponsor: The University of Texas at El Paso

Project Period: 10/1/2017 - 4/14/2018

Total Award: \$136,830.00

PI: Arup Neogi

Co-PI: Arkadii Krokhin, *Tae-Youl Choi*

Department: Physics, Materials Science & Engineering

Project Title: GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell

Sponsor: National Science Foundation - NSF

Project Period: 11/1/2017 - 10/31/2021

Total Award: \$1,997,222.00

FUNDING OPPORTUNITIES

National Science Foundation

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

Solicitation ID: NSF 17-595
Application due: Dec 4, 2017

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

Solicitation ID: NSF 17-596
Application due: Dec 4, 2017

[National Science Foundation Research Traineeship \(NRT\) Program](#)

Solicitation ID: NSF 18-507
Application due: LOI: Dec 6, 2017; Full proposal: Jan 29, 2018

[Secure and Trustworthy Cyberspace \(SaTC\)](#)

Solicitation ID: NSF 17-576
Application due: Dec 13, 2017 Education Projects

[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

[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

[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

[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

[BRAIN Initiative: Tools to Facilitate High-Throughput Microconnectivity Analysis \(R01\)](#)

Solicitation ID: RFA-MH-18-505

Letter of intent due: 30 days before the due date

Application due: Dec 7, 2017 and Nov 13, 2018

Department of Defense

[Young Faculty Award \(YFA\)](#)

Solicitation ID: DARPA-RA-17-01

Application due: Dec 4, 2017

Department of Agriculture

[Specialty Crop Research Initiative \(SCRI\)](#)

Application due: Dec 8, 2017

[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 will open in December 2017.

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

[Fall 2017 NSF Grants Conference](#)

November 13-14, 2017 Phoenix, AZ

[Virtual Conference \(webcast\)](#) available

[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

SERDP(DoD,EPA,DoE)

[SERDP-ESTCP Symposium 2017](#)

November 28-30, 2017, Washington, D.C.

Online registration opens

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.

[U.S. Air Force Research Lab Summer Faculty Fellowship Program](#) The online application for the FY 2018 Air Force Summer Faculty Fellowship Program is now open. Reference forms and letters must also be submitted electronically no later than December 05, 2017 at 5:00 PM 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>