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

[Diagram showing the 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 tise2 & nbse2 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
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
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

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**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
    - 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