Research, Funding News

An NSF CMMI 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. Application deadline is Jan 8, 2018.

Differential tuition for Engineering: Starting Fall 2018, undergraduate Engineering courses will increase $10 per SCH; graduate courses will increase $60 per SCH. The updated GRA salary and tuition rates starting Fall 2018, are available at https://engineering.unt.edu/sites/default/files/GRA_Salary_and_Tuition_Rates_Fall_2018.pdf.

Engineering For Civil Infrastructure (ECI): NSF's ECI program "represents a new and integrated vision for fundamental research to underpin transformative innovations for the built environment that are resilient, economical, and adaptable to enhance national prosperity and societal benefits. In support of this vision, the ECI program replaces CMMI’s Engineering for Natural Hazard (ENH), Geotechnical Engineering and Materials (GEM), and Structural and Architectural Engineering and Materials (SAEM) programs. ECI will also support research in construction engineering that is compatible with this vision."

Pre-Award Timeline and Process

<table>
<thead>
<tr>
<th>Step</th>
<th>Timeline</th>
<th>Description</th>
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<tbody>
<tr>
<td>GO Request</td>
<td>ASAP</td>
<td>GO requests should be done as soon as possible.</td>
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<tr>
<td>College Review</td>
<td>60 days prior</td>
<td>Applications requiring cost share or working with subcontractors</td>
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<tr>
<td>OGCA Review</td>
<td>15 days prior</td>
<td>Provide application documents to CRS for review</td>
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<tr>
<td>Consultant Services</td>
<td>7 days prior</td>
<td>PIs requesting consulting services for their proposals</td>
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<tr>
<td>College Review</td>
<td>4 days prior</td>
<td>Applications not requiring cost share or working with subcontractors</td>
</tr>
<tr>
<td>Application Due Date</td>
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https://engineering.unt.edu/faculty/research-services
Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

**PI: David Keathly**
**Department:** Computer Science and Engineering  
**Project Title:** National Convergence Technology Center  
**Sponsor:** Collin College  
**Project Period:** 7/1/2017 - 6/30/2022  
**Award:** $78,201.00

**PI: Rajarshi Banerjee**
**Department:** Materials Science & Engineering  
**Project Title:** Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications  
**Sponsor:** Air Force Office of Scientific Research - AFOSR  
**Project Period:** 9/30/2017 - 9/29/2021  
**Award:** $883,079.00

**PI: Yong Yang**
**Department:** Biomedical Engineering  
**Project Title:** Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis  
**Sponsor:** National Institutes of Health - NIH  
**Project Period:** 9/1/2017 - 8/31/2019  
**Award:** $280,765.00

**PI: Narendra Dahotre**
**Co-PIs:** Sundeep Mukherjee, Andrey Voevodin, Cheng Yu, Seifollah Nasrazadani, Haifeng Zhang  
**Department:** Materials Science & Engineering, Engineering Technology  
**Project Title:** Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2  
**Sponsor:** Northeastern University  
**Project Period:** 10/1/2017 - 9/30/2018  
**Award:** $1,000,000.00
FUNDING OPPORTUNITIES

National Science Foundation

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

Engineering for Civil Infrastructure (ECI)
Solicitation ID: PD 17-073Y
Application due: Jan 24, 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

Campus Cyberinfrastructure (CC*)
Solicitation ID: NSF 18-508
Application due: Jan 30, 2018

Smart and Connected Communities (S&CC)
Solicitation ID: NSF 18-520
Letter of Intent due: Jan 30, 2018
Full Proposal due: Feb 28, 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

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)
Solicitation ID: NSF 18-516
Application due: Feb 14, 2018

(Limited) Innovation Corps - Nodes Program (I-Corps Nodes)
Solicitation ID: NSF 17-533
Letter of Intent due: Feb 8, 2018
Full Proposal due: Mar 13, 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

Bioengineering Research Grants (BRG)
Solicitation ID: PAR-18-206
Application due: Feb 5, 2018

NCMRR Early Career Research Award
Solicitation ID: PAR-18-211
Application due: Mar 30, 2018
Eligibility: PD(s)/PI(s) must be no more than 7 years beyond the date that the first professional, advanced professional, or terminal academic degree was awarded, whichever is most recent.

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

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

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 due: Feb. 21, 2018
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
- NSF Engineering for Civil Infrastructure Webinar
  December 6, 2017 2:00 PM
- Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining) Webinar
  December 12, 2017 2:00 PM
- 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

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.

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