**College News**

We are excited to have new faculty members join our college.

**Biomedical Engineering:** Dr. Lingqian Chang, Dr. Logan Porter, and Dr. Yong Yang

**Computer Science and Engineering:** Dr. Xuan Guo, Dr. Kirill Morozov, and Dr. Qing Yang

**Electrical Engineering:** Dr. Ifana Mahbub, Dr. Hua Sun, and Dr. Xiangnan Zhong

**Engineering Technology:** Mr. Aloysius “Al” Attah, Dr. Maurizio Manzo, and Dr. Héctor Siller

**Materials Science and Engineering:** Dr. Anupama Kaul joins MTSE as the PACCAR Professor of Engineering and Director of the PACCAR Technology Institute. Dr. Kaul will have a 20% joint appointment with EE.

**Mechanical and Energy Engineering:** Dr. Seyed Hamid Sadat Hosseini, Dr. Russell Reid, and Dr. Zihao (Richard) Zhang. Dr. Haifeng (Harry) Zhang is not a new hire, but a new addition to MEE.

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**Pre-Award Timeline and Process**

1. **GO Request**
   - GO requests should be done as soon as possible.

2. **College Review**
   - Applications requiring cost share or working with subcontractors
   - 60 days prior

3. **OGCA Review**
   - Provide application documents to OGR for review
   - 15 business days prior

4. **Consultant Services**
   - PIs requesting consulting services for their proposals
   - 7 business days prior

5. **College Review**
   - Applications not requiring cost share or working with subcontractors
   - 4 business days prior

6. **Application Due Date**

[https://engineering.unt.edu/faculty/research-services](https://engineering.unt.edu/faculty/research-services)
Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: Shengli Fu
Department: Electrical Engineering
Project Title: CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform
Sponsor: National Science Foundation - NSF
Project Period: 9/1/2017 - 8/31/2020
Total Award: $242,316.00

PI: Zhenhai Xia
Department: Materials Science and Engineering
Project Title: Electromechanics of Bioinspired Surface Switchable Nanocomposites
Sponsor: National Science Foundation - NSF
Project Period: 9/1/2017 - 8/31/2020
Total Award: $398,335.00

PI: Diana Berman
Department: Materials Science and Engineering
Project Title: Understanding and Prediction of the Coupled Stress-Induced Evolution of Nanoscale Materials Interfaces
Sponsor: University of California, Merced
Project Period: 4/21/2017 - 8/14/2018
Total Award: $76,603.00
FUNDING OPPORTUNITIES

National Science Foundation

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DMS/NIGMS)
Solcitation ID: NSF 17-569
Application due: Sep 18, 2017

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)
Solcitation ID: NSF 17-546
Application due: Sep 18, 2017

Software Infrastructure for Sustained Innovation (SSI)
Solcitation ID: NSF 17-526
Application due: SSI Sep 19, 2017

Computer and Network Systems (CNS): Core Programs
Solcitation ID: NSF 17-570
Submission due: Sep 27, 2017 for LARGE and MEDIUM Projects; Nov 15, 2017 for SMALL Projects

Computing and Communication Foundations (CCF): Core Programs
Solcitation ID: NSF 17–571
Submission due: Sep 27, 2017 for MEDIUM Projects; Nov 15, 2017 for SMALL Projects

Information and Intelligent Systems (IIS): Core Programs
Solcitation ID: NSF 17-572
Submission due: Sep 27, 2017 for LARGE and MEDIUM Projects; Nov 15, 2017 for SMALL Projects

Emerging Frontiers in Research and Innovation (EFRI-2017)
Solcitation ID: NSF 17-578
Letter of Intent Deadline Date: Sep 29, 2017

Semiconductor Synthetic Biology for Information Processing and Storage Technologies (SemiSynBio)
Solcitation ID: NSF 17-557
Application due: Oct 30, 2017

Secure and Trustworthy Cyberspace (SaTC)
Solcitation ID: NSF 17-576

Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites
Solcitation ID: NSF 17-575
Application due: Oct 10, 2017

NSF/DOE Partnership in Basic Plasma Science and Engineering
Solcitation ID: NSF 16-564
Full Proposal due: Oct 20, 2017

(Limited) Innovations in Graduate Education (IGE) Program
Solcitation ID: NSF 17-585
Application due: Oct 25, 2017

CISE Research Infrastructure (CRI)
Solcitation ID: NSF 17-581
Preliminary Proposal due: Nov 02, 2017; Full Proposal due: Jan 17, 2018

Advancing Informal STEM Learning (AISL)
Solcitation ID: NSF 17-573
Application due: Nov 06, 2017

Discovery Research PreK-12 (DRK-12)
Solcitation ID: NSF 17-584
Application due: Nov 14, 2017

Division of Molecular and Cellular Biosciences: Investigator-Initiated Research Projects (MCB)
Solcitation ID: NSF 17-589
Application due: Nov 20, 2017

Inclusion Across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)
Solcitation ID: NSF 17-591
Application due: Nov 27, 2017
National Science Foundation

**Process Separations**
Solicitation ID: PD 18-1417
Open submission - no deadline

**Process Systems, Reaction Engineering and Molecular Thermodynamics**
Solicitation ID: PD 17-1403
Application due: Oct 20, 2017

**Particulate and Multiphase Processes**
Solicitation ID: PD 17-1415
Application due: Oct 20, 2017

**Combustion and Fire Systems**
Solicitation ID: PD 17-1407
Open submission - no deadline

**Nano-Biosensing**
Solicitation ID: PD 17-7909
Application due: Oct 20, 2017

**Environmental Engineering**
Solicitation ID: PD 17-1440
Application due: Oct 20, 2017

**Fluid Dynamics**
Solicitation ID: PD 17-1443
Application due: Oct 20, 2017

**Biological and Environmental Interactions of Nanoscale Materials**
Solicitation ID: PD 18-1179
No Deadline - Proposals for this program will be accepted throughout the year.

**Thermal Transport Processes**
Solicitation ID: PD 17-1406
Application due: Oct 20, 2017

**Biophotonics**
Solicitation ID: PD 17-7236
Application due: Oct 20, 2017

Department of Defense

**Peer Reviewed Alzheimer's**
Pre-application due: Sep 06, 2017;
Application due: Sep 20, 2017

**DoD Peer Reviewed Cancer, Translational Team Science Award**
Solicitation ID: W81XWH-17-PRCRP-TTSA
Application due: Sep 28, 2017

**NASA**

**Discovery Data Analysis**
Solicitation ID: NNH17ZDA001N-DDAP
Application due: Step 1: Sep 21, 2017

**Rosetta Data Analysis Program**
Solicitation ID: NNH17ZDA001N-RDAP
Application due: Step 1: Sep 21, 2017

National Institutes of Health

**BRAIN Initiative: New Concepts and Early - Stage Research for Large - Scale Recording and Modulation in the Nervous System (R21)**
Solicitation ID: RFA-EY-17-002
Submission due: Oct 26, 2017

**Innovative Research in Cancer Nanotechnology (IRCN) (R01)**
Solicitation ID: PAR-17-240
Application due: Nov 21, 2017
WEBINAR, WORKSHOP & EXPO

**DoE**

*2017 Technology Development Workshop*
November 8-9, 2017

**NSF**

*Emerging Frontiers in Research and Innovation Program - Informational Webinar*
September 07, 2017 1-2:30pm

*CyberMaryland Conference 2017*
October 11-12, 2017 Baltimore

**NIH**

*NH Regional Seminars on Program Funding and Grants Administration*
October 25-27, 2017 Baltimore, Online registration opens

**SERDP(DoD,EPA,DoE)**

*SERDP-ESTCP Symposium 2017*

**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. More information will be posted as it becomes available.

**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