

Inside This Issue:

- College Policy and Provided Services 1
- Recently Awards 2
- All Engineering 3
- CSE & EE 4
- MEE & MSE 5
- BME & ETEC 6
- Workshops 7

CENG Proposal Development Support (PDS)

The Dean of the College on Engineering has allocated funds to support the development of large collaborative grant proposals (minimum proposed budget of \$500,000 coming to UNT, and a minimum of three participating personnel from UNT) with the goal to facilitate the submission of highly competitive funding requests to federal agencies.

CENG PDS is specifically designated to support the proposal development process, which can be applied to two phases of the proposal: Pre-submission and Re-submission Phases.

Principal Investigators (PIs) can request PDS to cover a variety of expenses that may arise during the Pre-Submission and Re-Submission phases. PDS requests may be submitted to the Dean of CENG on the first Monday of every month. PDS funding decisions will be forwarded to the requesting PI within 30 days of submission.

More detailed information can be found at <http://engineering.unt.edu/sites/default/files/PDS-Guidelines20161012.pdf>

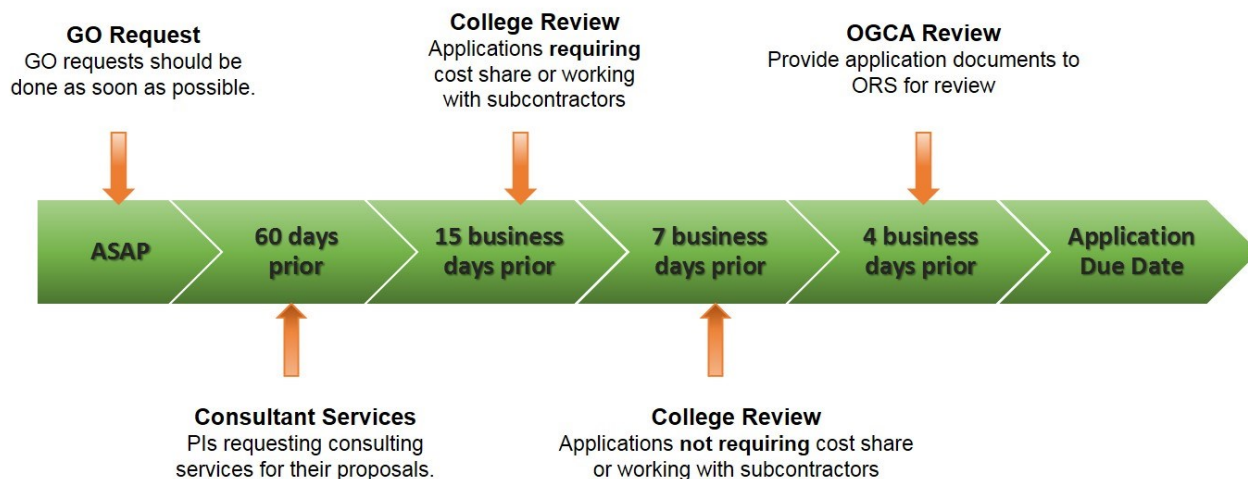
Engineering Red Team

Who are we: A number of your colleagues with experience in getting grants from and reviewing proposals for a number of federal and state agencies have agreed to serve as internal proposal reviewers.

What will we do: We will evaluate your proposal before it is submitted, allowing you to hear how reviewers may evaluate it.

More information can be found at http://engineering.unt.edu/sites/default/files/Engineering_Red_Team.pdf

Pre-Award Timeline and Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

Lead PI: Sundeep Mukherjee

Department: Materials Science and Engineering

Project Title: Reduced Activity Complex Concentrated Alloys for Generation IV Reactor Systems

Sponsor: ATS-MER, LLC

Project Period: 2/21/2017-11/20/2017

Total Allocation: \$90,000

Lead PI: Eduardo Blanco

Department: Computer Science and Engineering

Project Title: Towards Inter-sentential Models for Detecting Focus of Negation

Sponsor: National Science Foundation - NSF

Project Period: 4/1/2017-3/31/2018

Total Allocation: \$60,000

Lead PI: Andrey Voevodin

Department: Materials Science and Engineering

Project Title: Two-dimensional nanostructured material processing and characterization

Sponsor: US Army Research Laboratory - ARL

Project Period: 3/8/2017-4/30/2018

Total Allocation: \$73,529

Lead PI: Sundeep Mukherjee

Department: Materials Science and Engineering

Project Title: I-Corps: Metallic glass catalysts for energy conversion and storage

Sponsor: National Science Foundation - NSF

Project Period: 4/1/2017-9/30/2017

Total Allocation: \$50,000

Lead PI: Rajiv Mishra

Department: Materials Science and Engineering

Project Title: Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure

Sponsor: US Army Research Laboratory - ARL

Project Period: 3/28/2017-4/30/2018

Total Allocation: \$360,000

Lead PI: Carnelia Caragea

Department: Computer Science and Engineering

Project Title: CAREER: From Data to Knowledge: Extracting and Utilizing Concept Graphs in Online Environments

Sponsor: National Science Foundation - NSF

Project Period: 6/1/2017-5/31/2022

Total Allocation: \$499,876

Lead PI: Marcus Young

Department: Materials Science and Engineering

Project Title: Field Responsive Properties of Adaptive Strain Glass

Sponsor: US Army Research Laboratory - ARL

Project Period: 3/28/2017-4/30/2018

Total Allocation: \$120,000

FUNDING OPPORTUNITIES - ALL DEPTS

National Science Foundation

[Faculty Early Career Development Program \(CAREER\)](#)

Solicitation ID: NSF 17-537

Application due Jul 20, 2017

[Computer and Information Science and Engineering \(CISE\) Research Initiation Initiative \(CRII\)](#)

Solicitation ID: NSF 17-552

Application due Aug 09, 2017

[Robert Noyce Teacher Scholarship Program](#)

Solicitation ID: NSF 17-541

Application due Aug 29, 2017

[Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications \(BD Spoke\)](#)

Solicitation ID: NSF 17-546

Application due Sep 18, 2017

[\(Limited\) Software Infrastructure for Sustained Innovation \(SSI\)](#)

Solicitation ID: NSF 17-526

Application due Sep 19, 2017

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

Solicitation ID: NSF 17-516

Preliminary proposal due Oct 18, 2017

[Computational and Data-Enabled Science and Engineering \(CDS&E\)](#)

Solicitation ID: PD 12-8084

Application due: Full Proposal windows ranging from Sep 01 to Dec 09, 2017 depending on discipline.

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

Solicitation ID: NSF 16-580

Submission Window: Oct 12-19, 2017 for LARGE and MEDIUM Projects; Nov 02- 16, 2017 for SMALL Projects

National Institutes of Health

[Innovative Research in Cancer Nanotechnology \(IRC�\) \(R01\)](#)

Solicitation ID: PAR-17-240

Application due Oct 21, 2017

Department of Defense

[Air Force Young Investigator Research Program \(YIP\)](#)

Solicitation ID: BAA-AFRL-AFOSR-2017-0002

Application due Jun 01, 2017

[Electronic Warfare Technology](#)

Office of Naval Research

Solicitation ID: N00014-17-S-B008

Application due Jun 05, 2017

[Defense University Research Instrumentation Program \(DURIP\)](#)

Solicitation ID: PA-AFRL-AFOSR-2017-0001

Application due Jul 07, 2017

[Department of Defense Multidisciplinary Research Program of the University Research Initiative \(MURI\)](#)

Solicitation ID: N00014-17-S-F006

Application due Nov 01, 2017

[Diverse Collegiate Research and Development Collaboration Program](#)

Air Force -- Research Lab

Solicitation ID: FOA-AFRL-RQKP-2017-0001

Application due Dec 23, 2021

NASA

[Research Opportunities in Space and Earth Sciences \(ROSES-2017\) Heliophysics Technology and Instrument Development for Science](#)

Solicitation ID: NNH17ZDA001N-HTIDS

Step1 proposal due May 17, 2017, step 2 proposal due July 20, 2017.

[ROSES 2017: Heliophysics Data Environment Enhancements](#)

Solicitation ID: NNH17ZDA001N-HDEE

Step1 proposal due May 17, 2017

CSE OPPORTUNITIES

National Science Foundation

[Computer and Network Systems \(CNS\): Core Programs](#)

Solicitation ID: NSF 16-579

Submission Window: Oct 12 - Oct 19, 2017 for LARGE and MEDIUM Projects; Nov 02 - Nov 16, 2017 for SMALL Projects

[Computing and Communication Foundations \(CCF\): Core Programs](#)

Solicitation ID: NSF 16-578

Submission Window: Oct 12 - Oct 19, 2017 for LARGE and MEDIUM Projects; Nov 02 - Nov 16, 2017 for SMALL Projects

[Information and Intelligent Systems \(IIS\): Core Programs](#)

Solicitation ID: NSF 16-581

Submission Window: Oct 12 - Oct 19, 2017 for LARGE and MEDIUM Projects; Nov 02 - Nov 16, 2017 for SMALL Projects

[CISE Research Infrastructure \(CRI\)](#)

Solicitation ID: NSF 15-590

Application due: Preliminary Proposal Nov 14, 2017;
Full Proposal Jan 17, 2018

Department of Defense

[Lifelong Learning Machines \(L2M\)](#)

[DARPA - Microsystems Technology Office](#)

Solicitation ID: HR001117S0016

Application due Jun 21, 2017

EE OPPORTUNITIES

National Science Foundation

[Electronics, Photonics and Magnetic Devices \(EPMD\)](#)

Solicitation ID: PD 16-1517

Submission Window: Oct 01 – Nov 01, 2017

[Engineering and Systems Design \(ESD\)](#)

Solicitation ID: PD 17-1464

Submission Window: Sep 01- 15, 2017

[Operations Engineering \(OE\)](#)

Solicitation ID: PD 16-006Y

Submission Window: Sep 01- 15, 2017

[Dynamics, Control and Systems Diagnostics \(DCSD\)](#)

Solicitation ID: PD 17-7569

Submission Window: Sep 01- 15, 2017

Department of Defense DARPA

[System Security Integrated Through Hardware and firm-ware \(SSITH\)](#)

Solicitation ID: HR001117S0023

Application due Jun 05, 2017

MEE OPPORTUNITIES

National Science Foundation

[Process Separations](#)

Solicitation ID: PD 17-1417

Application due Oct 20, 2017

[Civil Infrastructure Systems \(CIS\)](#)

Solicitation ID: PD 15-1631

Submission Window: Sep 01-15, 2017

[Engineering for Natural Hazards \(ENH\)](#)

Solicitation ID: PD 17-014Y

Submission Window: Sep 01-15, 2017

[Manufacturing Machines and Equipment \(MME\)](#)

Solicitation ID: PD 17-1468

Submission Window: Sep 01-15, 2017

[Mechanics of Materials and Structures \(MOMS\)](#)

Solicitation ID: PD 17-1630

Submission Window: Sep 01-15, 2017

Department of the Interior Bureau of Ocean Energy Management

[BOEM 2017 Renewable Energy](#)

Solicitation ID: M17AS00011

Application due May 12, 2017

MSE OPPORTUNITIES

National Science Foundation

[Process Systems, Reaction Engineering and Molecular Thermodynamics](#)

Solicitation ID: PD 17-1403

Application due Oct 20, 2017

[Combustion and Fire Systems](#)

Solicitation ID: PD 17-1407

Application due Oct 20, 2017

[Particulate and Multiphase Processes](#)

Solicitation ID: PD 17-1415

Application due Oct 20, 2017

[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

Department of Defense DARPA

[Metamaterial—based Optical System Design \(RFI\)](#)

Solicitation ID: DARPA-SN-17-42

Application due May 22, 2017

BME OPPORTUNITIES

National Science Foundation

[Cellular and Biochemical Engineering \(CBE\)](#)

Solicitation ID: PD 17-1491

Application due Oct 20, 2017

[Engineering of Biomedical Systems \(EBMS\)](#)

Solicitation ID: PD 17-5345

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.

Department of Health and Human Resources

[Activities to Promote Technology Research Collaborations \(APTRC\) for Cancer Research \(Admin Supp\)](#)

Solicitation ID: PA-17-143

Application due Jul25, and Dec 12, 2017

[Research Education Program Grants for CryoEM Curriculum Development \(R25\)](#)

Solicitation ID: RFA-RM-17-004

Application due Jun 25, 2017

ETEC OPPORTUNITITES

National Science Foundation

[Thermal Transport Processes](#)

Solicitation ID: PD 17-1406

Application due Oct 20, 2017

[Biophotonics](#)

Solicitation ID: PD 17-7236

Application due Oct 20, 2017

WEBINAR, WORKSHOP & EXPO

NSF

[NSF CAREER Program Webinar](#)

May 22, 2017 1:00 PM - 3:00 PM

Participants should register in advance

NIH

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

October 25-27, 2017 Baltimore, Online registration opens

DoE:

[2017 Connected Lighting Systems Workshop](#)

June 7-8, 2017, Santa Clara, CA.

Online registration closes Friday, May 26, 2017

NAVY:

[2017 Naval Future Force Science and Technology \(S&T\) EXPO](#)

July 20-21, 2017 Washington, D.C.

Online registration closes Tuesday, July 18, 2017.

SERDP(DoD,EPA,DoE)

[SERDP-ESTCP Symposium 2017](#)

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

Online registration opens

NIST (National Institute of Standards and Technology):

1. [Cybersecurity Framework Workshop 2017](#)

May 16-17, 2017, Gaithersburg, MD

In-person registration closes Tuesday, May 9, 2017.

2. [2017 International Forensic Science Error Management Symposium](#)

July 24-28, 2017, Gaithersburg, MD

Registration closes Wednesday, July 19, 2017

NICE (National Initiative for Cybersecurity Education):

[9th annual National Cyber Security Summit](#)

June 6-8, 2017, Huntsville, AL

Registration opens

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>

Nine Sigma—Open Innovations Community

www.nin@sigma.com