Grant Award Numbers

In 2nd quarter FY17 (December 1, 2016 through February 28, 2017), the Office of Research assisted faculty with 171 proposals. For this same period, there were 17 research awards processed through the Office of Research.

The total research dollars awarded to the University through proposals submitted or contracts negotiated by the Office of Research and gifts designated for research in 2nd quarter FY17 is $7,775,103. This total does not include any cost share amounts. Each School contributed to this total as follows:

- Behavioral and Brain Sciences: $1,617,562
- Economic, Political & Policy Sciences: $50,000
- Engineering and Computer Sciences: $2,780,580
- Natural Science and Mathematics: $2,902,706
- Research Gifts: $424,255

**DISCLAIMER:** Office of Research uses reasonable efforts to provide accurate and up-to-date information based on the specific requests that we receive. The numbers/amounts listed are accurate as of the date the report was provided. The amounts are the total expected award and do not take into consideration funding cuts, stop work orders, transfers, or de-obligations. Some of this information may be currently in an administrative process and is subject to change or verification. You should verify accuracy of this information with your department’s records. Due to sponsor restrictions, some qualifying awards may not be listed below.
Faculty Research Awards

The following are awards that were made prior to 2nd quarter FY17 but received by The University after November 30, 2016:

Harabagiu, Sanda, Scalable EEG interpretation using Deep Learning and Schema Descriptors, Temple University, $194,194

Smaldone, Ronald, SRA: 3D Materials Processing and Printing, Adaptive 3D Technologies, $150,000

Bray, Timothy, CRA: Second Chance Act Comprehensive Community-Based Adult Reentry Program Utilizing Mentors, Metroplex Economic Development Corp., $99,986

Prabhakaran, Balakrishnan, MRI: Development of a Cloud Based Instrument for Heterogeneous Biomedical Body Sensor Systems, California State University Fresno, $74,589

Bleris, Leonidas, San Antonio Nathan Shock Center of Excellence in the Biology of Aging, University of Texas Health Science Center at San Antonio, $45,882

Kim, Jung-Whan, Distinct Glycolytic Phenotypes of Lung Squamous Cell Carcinoma Dictate Selective Vulnerability to HIF-1/GLUT1 Inhibition, University of Texas Southwestern Medical Center, $25,000

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between December 1, 2016 and February 28, 2017:

Campbell, Zachary, 3’ End Regulation in Nociceptor Plasticity, National Institute of Neurological Disorders and Stroke of the National Institutes of Health R01NS100788, $2,012,288

Lobarinas, Edward, Effect of Inner Hair Cell Loss and Afferent Damage on Functional Hearing, National Institute on Deafness and Other Communication Disorders of the National Institutes of Health R01DC014088, $1,617,562

Lu, Hongbing, SNM: Scalable Nanomanufacturing of Carbon Nanotube Sheet Wrapped Carbon Fibers for Low Density and High Strength Composites, National Science Foundation 1636306, $1,250,000

Gassensmith, Jeremiah, CAREER: Viral Capsids as Smart Nanocontainers, National Science Foundation 1654405, $500,000

Hoyt, Kenneth, Noninvasive Pressure Estimation in Breast Cancer using Ultrasound, National Cancer Institute of the National Institutes of Health R21CA212851, $366,053

Summers, Tyler, Research Topic 11: YIP: Quantifying network controllability and observability using optimal control and estimation metrics, US Army Research Office W911NF-17-1-0058, $351,568

Coley, William, RAPID: Improving DMSP SSIES-3 Data to Level-2 Quality, National Science Foundation 1663763, $119,551
The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between December 1, 2016 and February 28, 2017:

**Hayenga, Heather**, Predicting Arterial Changes During Atherogenesis: An Agent Based Modeling Approach, American Heart Association 17SDG33400239, $231,000

**Fahimi, Babak**, SRA: HET 85kW Prototype Project: Build & Test Motor and Controller, Linear Labs, $200,000

**McMechan, George**, 2017 Geophysical Consortium, Various Corporate Sponsors, $140,000

**Kim, Jiyoung**, SRA: Research of HfZrO2 ferroelectric thin films for potential memory applications, Texas Instruments, $135,000

**Urquhart, Mary**, 2016-2017 Texas Mathematics and Science Partnership Professional Development Network, University of Texas at Austin, $130,867

**Scotch, Richard**, Texas LGBTQ Community Needs Assessment, Texas Pride Impact Funds, $50,000

**Rodrigues, Danieli**, Understanding Potential Failure Modes of Zirconia Dental Implants, ITI Foundation, Switzerland, $49,445