In FY17, faculty submitted 1,182 proposals through the Office of Sponsored Projects. During this same period, there were 166 research awards processed through the Office of Sponsored Projects.

The total research dollars awarded to the University through proposals submitted or contracts negotiated by the Office of Sponsored Projects and gifts designated for research in FY17 is $67,970,676. This total does not include any cost share amounts. Each School/Center contributed to this total as follows:

- Administration: $165,000
- Arts & Humanities: $4,890
- Arts, Technology and Emerging Communication: $660,292
- Behavioral and Brain Sciences: $22,510,098
- Engineering and Computer Sciences: $27,633,350
- Economic, Political & Policy Sciences: $1,330,732
- Jindal School of Management: $336,679
- Natural Science and Mathematics: $12,247,937
- Research Gifts: $3,081,698
DISCLAIMER: The 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 earlier in FY17 but received by The University after May 31, 2017 or not previously reported:

**D’Orazio, Vito**, TwoRavens: Intuitive Statistical Exploration, Model Extraction, and Curation, Harvard University (Air Force Research Lab and DARPA) FA8750-17-2-0114: $332,436

**Hairston, Marc**, Sources of Polar Cap Poynting Flux and Particle Energy and their Relation to Neutral Density Disturbances, University of Colorado at Boulder (Air Force Office of Scientific Research) FA9550-17-1-0258: $78,000

**Bosovik, Olga**, State Energy Conservation Office RFA#CE-G1-2016: Clean Energy Incubation Program, University of Texas at Austin: $40,000

**Branch, Gregory**, SB2 ERC Directive Study: UT Dallas, Texas Education Agency: $40,000

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between June 1, 2017 and August 31, 2017:

**Park, Denise**, Dallas Lifespan Brain Study-Wave 3: Neurodegeneration and Resilience in Cognition, Natl Institutes of Health R01AG006265: $5,755,201

**Kennedy, Kristen**, Dopaminergic and Neuroplastic Influences on Longitudinal Change in Cognitive and Brain Aging, Natl Institutes of Health R01AG056535: $2,557,665

**Price, Theodore**, Protease Activated Receptor Type 2 Targeting for Migraine Pain, Natl Institutes of Health R01NS098826: $2,449,596

**Rodrigues, Danieli**, Multifunctional Ionic Liquids Coatings for Dental Implant Surfaces, Natl Institutes of Health R01DE026736: $1,816,875

**Vanneste, Sven**, Direct Current Stimulation for Pain Treatment of Gulf War Illness, Congressional Directed Medical Research W81XWH-17-1-0384: $956,198

**Chen, Lunjin**, Investigating Magnetosonic Wave Excitation in the Earth’s Magnetosphere, NASA NNX17AI52G: $741,110
Namgoong, Won, SpecEES: Unified System Architecture for Energy Efficient Cognitive Radios, Natl Science Foundation 1731914: $650,000

Kantarcioglu, Murat, Data Analytics for Cyber Security: Defeating the Active Adversaries, US Army Research Office W911NF-17-1-0356: $470,000

Walker, Amy, In Situ Growth and Placement of Nanostructures by Solution-Based Processing, Natl Science Foundation 1708259, $431,165

Kroener, Sven, Vagus Nerve Stimulation as a Tool to Modulate Synaptic Plasticity During Extinction from Drug Seeking, Natl Institutes of Health R21DA043150: $412,335

Minary, Majid, GOALI: Additive Manufacturing of Nano-twinned Metals via Localized Pulsed Electrodeposition (L-PED), Natl Science Foundation 1727539: $364,211

Aliev, Ali, Thermoacoustic Carbon Nanotube Sound Projectors with Enhanced Efficiency and Broad-band Acoustic Spectra, Office of Naval Research N00014-17-1-2521: $360,000


Prabhakaran, Balakrishnan, Robustness Studies on 3D Camera Data, US Army Research Office W911NF-17-1-0299: $359,737

Lee, Mark, GOALI: Integrated Circuit Silicon Nanowire Thermoelectric Generators for On-chip Micropower Generation, Natl Science Foundation 1707581: $354,093

Geissman, John, Collaborative Research: Terrestrial Late Permian to Early Triassic Earth Systems in NE Pangea: Insights into the Tempo, Effects and Causes of the End-Permian Mass Extinction, Natl Science Foundation 1714928: $257,578

Lee, Jeong-Bong, Collaborative Research: Wireless-Powered Implantable Bone Intramedullary Fluid Modulator for the Treatment of Osteoporosis and Fracture Repair, Natl Science Foundation 1710824: $250,000

Ma, Dongsheng, SHF: Medium: Collaborative Research: Machine Learning Enabled Network-on-Chip Architectures for Optimized Energy, Performance and Reliability, Natl Science Foundation 1702496: $250,000

Ware, Taylor, Collaborative Research: Passive RFID Real-Time Temperature-Sensing Based on Programmable Liquid Crystal Elastomers, Natl Science Foundation 1711383: $209,614
Cardenas, Alvaro, Robotic Manufacturing Cyber Security and PLC Programming for TE Testbed, NI of Standards and Technology 70NANB17H282: $208,554

Lu, Hongbing, Collaborative Research: Nonlinear Mechanical Spectroscopy of Glassy Polymers to Probe Viscoelastic Constitutive Behavior, Natl Science Foundation 1661246: $207,330

Chen, Lunjin, Collaborative Research: GEM--The Effect of Magnetosonic Waves on Energetic Electrons in the Earth's Magnetosphere, Natl Science Foundation 1702805: $203,068

Quevedo-Lopez, Manuel, Portable Neutron Detector Implementing PIN detectors and Application Specific Circuitry (ASIC), Natl Science Foundation 1701192: $199,261

Lumata, Lloyd, Hyperpolarized 13C Imaging of Serine Metabolism for Non-Invasive Diagnostic Assessment of Lung Cancer, Congressional Directed Medical Research W81XWH-17-1-0303: $153,000

Summers, Tyler, Collaborative Research: Selecting Sensors and Actuators for Topologically Evolving Networked Dynamical Systems: Battling Contamination in Water Networks, Natl Science Foundation 1728605: $150,001

Alatalo, Diana, Graduate Research Fellowship Program, Natl Science Foundation 1746053: $138,000

Benjamin, Candace, Graduate Research Fellowship Program, Natl Science Foundation 1746053: $138,000

Boothby, Jennifer, Graduate Research Fellowship Program, Natl Science Foundation 1746053: $138,000

Siddiqui, Danyal, Graduate Research Fellowship Program, Natl Science Foundation 1746053: $138,000

The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between June 1, 2017 and August 31, 2017:

Dodani, Sheel, Exploring the Negative (X-) Side of Biology: Molecular and Protein-Based Technologies for Imaging Cellular Chloride, The Welch Foundation AT-1918-20170325: $195,000

Meloni, Gabriele, Transition Metal Selectivity and Translocation in Transmembrane Ion Pumps, The Welch Foundation AT-1935-20170325: $195,000

Lu, Hongbing, SRA: Meshfree Simulations of Structural Dynamic Responses, Shanghai Suochen Information Technology: $151,248
Guo, Xiaohu, CRA: Isolated Lesions, University of Texas Southwestern Medical Center, $143,022

Keshavarzian, Maziyar, An Agent Based Model - Finite Element Analysis Approach Toward Modeling Hypertension Induced Remodeling, American Heart Association 17PRE33660840: $53,688

Majewicz Fey, Ann, Towards Automated Coaching of Surgical Style: Mapping Semantic Descriptors to Quality of Movement, Intuitive Surgical Operations, Inc.: $49,830

Ware, Taylor, SBIR Phase I: Spatially-Heterogeneous Modulus Substrates for Stretchable Electronics Fabrications, ARES Materials, Inc.: $49,323

Sarac, Kamil, CTF-PM: CTF Package Manager - A Cybersecurity Competition Management System, University of Texas at Austin: $47,000