Grant Award Numbers

In FY15, faculty submitted 754 proposals through the Office of Sponsored Projects. During this same period, there were 196 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 FY15 is $49,308,195. This total does not include any cost share amounts. Each School/Center contributed to this total as follows:

- Administration: $611,773
- Arts, Technology and Emerging Communication: $272,568
- Behavioral and Brain Sciences: $7,057,044
- Engineering and Computer Sciences: $25,503,723
- Economic, Political & Policy Sciences: $1,842,128
- Interdisciplinary Studies: $64,000
- Jindal School of Management: $235,226
- Natural Science and Mathematics: $12,341,324
- Research Gifts: $1,380,409

The Office of Sponsored Projects also processed 203 contracts that did not involve funding (e.g., Material Transfer Agreements, Non-Disclosure Agreements, Memoranda of Understanding, etc.)

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 FY15 but received by The University after May 31, 2015 or not previously reported:

Ahn, Jung-Mo, ESR1 Coregulator Binding Site Inhibitors (ECBI)s as Novel Therapeutics to Target Hormone Resistant Metastatic Breast Cancer, The UT Health Science Center at San Antonio: $631,578

Akin, Bilal, CAREER: Real-Time Fault Diagnosis and Failure Prognosis of Next Generation Power Electronics Systems, National Science Foundation: $500,714

Daescu, Ovidiu, Using Imaging and Computational Tools to Improve Risk Stratification in Children with Bone Cancer, The University of Texas Southwestern Medical Center: $390,218

Wong, Eric, REU Site: Software Safety: Research, Practice and a Path Forward, National Science Foundation: $359,802

Walker, Amy, REU Site: Surface Engineering for Sensing, Energy and Nanoelectronics, National Science Foundation: $330,000

Majewicz, Ann, CRII: CPS: Intuitive Human-in-the-Loop Control for Medical Cyber-Physical Systems, National Science Foundation: $188,681

Filbey, Francesca, fMRI and Treatment Response in Binge Drinking Adolescents, Oregon Health & Science University: $154,879

Cao, Yan, Normalized Functional MRI in Human Brain Disorders, Johns Hopkins University: $67,202

Andrews, Rodney, Does Attending an Elite University Help Low Income Students? Evidence from Texas, Cornell University: $47,095

Lary, David, Airborne Multi-Gas Sensor, Mesa Photonics: $47,000

Schmidtke, David, Continuous Flow Ventricular Assist Device-Induced Platelet Dysfunction, INTEGRIS Baptist Medical Center, Inc.: $32,558

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between June 1, 2015 and August 31, 2015:

Underwood, Marion, Social Aggression: Growth, Outcomes, and Digital Communication, National Institutes of Health: $1,589,830

Levene, Stephen, Single-Molecule DNA Topology, National Institutes of Health: $1,466,403

Minkoff, Susan, EDT: Team Training Mathematical Scientists through Industrial Collaborations, National Science Foundation: $598,805

Minary, Majid, Towards Advanced Nanoscale Additive Manufacturing (AM) of Metals: A Fundamental Theoretical, Multi-Physics Simulation and in situ Electron Microscopy Approach, Office of Naval Research: $549,796

Tadesse, Yonas, Musculoskeletal System Design, Fabrication and Modeling for Robotic Systems, Office of Naval Research: $510,412

Malik, Arif, CAREER: Highly-Efficient Dynamic Prediction Models for Quality Improvement in Cold Rolling, National Science Foundation: $500,000

Wang, Jun, Real-Time Articulation-to-Speech Mapping for Enhancing Impaired Oral Communication, National Institutes of Health: $459,000

Barton, Taylor, RF-Input Outphasing for Low-Complexity Linear-Efficient X-Band Power Amplifier, Office of Naval Research: $452,850

Krawczyk, Daniel, BIOmarkers of Dynamic Sociocultural Capacities: Integrating Neurotechnologies and Novel Math (BIOSINM), DARPA: $401,270

Makris, Georgios, SHF: Small: On-Die Learning: A Pathway to Post-Deployment Robustness and Trustworthiness of Analog/RF ICs, National Science Foundation: $350,000

Hamlen, Kevin, Deception-enabled Interactive Software for Active Cyber Defense, National Security Agency: $286,592

Wig, Gagandeep, Data Stethoscope for the Brain Connectome, DARPA: $270,148

Zhang, Chuanwei, Spin - Orbital Angular Momentum Coupled Ultra-cold Atomic Gases, National Science Foundation: $240,000

Stefan, Mihaela, Tuning the Photovoltaic Performance of Benzodithiophene and Benzodifuran Polymeric Semiconductors by Molecular Design, National Science Foundation: $239,996

Hamlen, Kevin, TWC: TTP Option: Medium: Collaborative: ENCORE - ENhanced Program Protection through COompiler-REwriter Cooperation, National Science Foundation: $177,003

Kroener, Sven, Effects of Acamprosate on Alcohol-induced Aberrant Synaptic Plasticity in the PFC, National Institutes of Health: $153,000

Lary, David, GASP: Geolocated Allergen Sensing Platform, National Science Foundation: $149,984

Pancrazio, Joseph, U13: Neural Interface Conference, National Institutes of Health: $132,462
Geissman, John, Collaborative Research: Tectonic Significance of Long Run-Out Coarse-Grained Facies in the Cordilleran Foreland Basin, National Science Foundation: $112,253

The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between June 1, 2015 and August 31, 2015:

Harabagiu, Sanda, Automatic Discovery and Processing of EEG Cohorts from Clinical Records, Temple University: $431,025

Quevedo, Manuel, Radiation Detectors Based on Si and CdTe Diodes, Nanoholdings LLC: $418,915

Lee, Jiyong, Identification of Therapeutic Targets on Breast Cancer Stem Cells, CPRIT: $195,543

Lumata, Lloyd, Tracking Amino Acid Metabolism in Cancer in Real-Time Using Hyperpolarized 13C Magnetic Resonance, The Welch Foundation: $195,000

Al-Dhahir, Naofal, The Physical Layer of High Frequency Cellular Communications, Huawei Technologies Co. Ltd.: $164,391

Park, Denise, Normalized Functional MRI in Human Brain Disorders, Johns Hopkins University: $141,153

Cogan, Stuart, Pre-Clinical Investigation of the Bionic Eye Retinal Prosthesis, Bionic Eye Technologies, Inc.: $119,768

Park, Denise, Cognition and Cerebrovascular Function across the Lifespan, Johns Hopkins University: $97,052

Fair, George, Academic Bridge Program College Readiness Initiative, Energized for Stem Academy, Inc.: $64,000

Qin, Zhenpeng, Rapid and Ultrasensitive Diagnosis of Rotavirus by Thermoplasmonic Amplification, Texas Medical Research Collaborative: $53,500

Zheng, Jie, SMART Bandage for Monitoring Wound Perfusion, Texas Medical Research Collaborative: $50,000

Jue, Jason, Collaborative Research - Design and Planning of Virtual Optical Networks, Electronics and Telecommunications Research Institute: $22,000