Grant Award Numbers

In 3rd quarter FY16 (March 1, 2016 through May 31, 2016), the Office of Research assisted faculty with 123 proposals. During this same period, there were 28 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 3rd quarter FY16 is $5,413,050. This total does not include any cost share amounts. Each School contributed to this total as follows:

Administration
$100,000
Behavioral and Brain Sciences
$1,365,573
Engineering and Computer Sciences
$2,534,971
Economic, Political & Policy Sciences
$5,000
Natural Science and Mathematics
$1,153,780
Research Gifts
$253,726
The Office of Research also processed 57 contracts that did not involve funding (e.g., Material Transfer Agreements, Non-Disclosure Agreements, Memoranda of Understanding, etc.).

**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 3rd quarter FY16 but received by The University after February 29, 2016:

**Brandt, Patrick**, Modernizing Political Event Data for Big Data Social Science Research, National Science Foundation 1539302, $1,497,358

**Chapman, Sandra**, Enhancing Patient Ability to Understand and Utilize Complex Information Concerning Medication Self-Management, University of North Carolina at Chapel Hill, $363,631

**Spence, Jeffrey**, BOLD and Its Discontents: Age-Differences in the Neurophysiology of fMRI Signal, University of Texas Southwestern Medical Center, $338,894

**Bray, Timothy**, Dallas HOPES Project Evaluation, United Way, $221,000

**Tadesse, Yonas**, SBIR: iGrab Innovative Glove for Rehabilitation and Assistance using Biomimicry, Lynntech, Inc., $205,000

**Voit, Walter**, Advanced Materials for Safe and Effective Stimulation of the Rat Cervical Spinal Cord, Burke Cornell Medical Research Institute, $182,000

**King, Lindsay**, The 3-Dimensional Structure of Galaxy Clusters, NASA NNX16AF53G, $156,750

**Hoyt, Kenneth**, Developing and Translating Ultrasound and Nanotechnology to Enhance Cancer Imaging and Targeted Therapy, University of Texas Southwestern Medical Center, $138,950

**Desmedt, Yvo**, Efficiently Reliable and Privacy Preserving Cloud Data Storage, Qatar National Research Fund (a member of Qatar Foundation), $121,803

**McIntyre, Christa**, An Adjunct to Prolonged Exposure Therapy for Treating Refractory PTSD Patients, MicroTransponder Inc., $88,166
Campbell, Thomas, Opti-Speech: A 3D Visual Feedback System for Speech Therapy, Vulintus, LLC, $62,011

Hairston, Marc, What are the Plasma Sources for the Long-Lived Plasmaspheric Drainage Plumes?, University of Colorado at Boulder, $45,123

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between March 1, 2016 and May 31, 2016:

Hoyt, Kenneth, Molecular Ultrasound Imaging of Cancer Response to Antiangiogenic Therapy, National Institutes of Health K25EB017222, $618,402

Rodrigues, Fabiano, CAREER: Experimental and Theoretical Investigation of the Electrodynamics and Structuring of the Low-Latitude Ionosphere, National Science Foundation 1554926, $534,621

Maguire, Mandy, How Poverty Impacts Brain and Language Development: Understanding the Vocabulary Gap, National Science Foundation 1551770, $515,000

Schmidtke, David, Altered Neutrophil Function in Ventricular Assist Devices, National Institutes of Health R21L132286, $401,039

Gans, Nicholas, GOALI: Adaptive Control of Inkjet Printing on 3D Curved Surfaces, National Science Foundation 1563424, $294,452

Hairston, Marc, Collaborative Research: CEDAR—Quantifying Ion Drifts in the Mid-latitude Ionosphere and Their Coupling to the Neutral Atmosphere, National Science Foundation 1552245, $255,224

Anderson, Phillip, CEDAR: Solar Extreme Ultraviolet Irradiance Effects on the Coupled Ionosphere-Thermosphere System, National Science Foundation 1552130, $201,919

Burton, Michael, The Role of Cell-specific TLR-4 Signaling in Developing Chronic Pain, National Institutes of Health K22NS096030, $189,367

Zhang, Lingming, CRII: SHF: Machine-Learning-Based Test Effectiveness Prediction, National Science Foundation 1566589, $174,150

Hassler, Shayne, PAR2 Mediated Nociception in a Mouse Migraine Model, National Institutes of Health F32S096963, $168,414

Raichel, Benjamin, CRII: AF: Breaking Barriers for Geometric Data, National Science Foundation 1566137, $161,277

Kesden, Michael, Black-Hole Spin Precession and its Astrophysical Implications, National Science Foundation 1607031, $134,869

The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between March 1, 2016 and May 31, 2016:
Rypma, Bart, The Effect of Neural-Vascular Coupling Changes on Cognitive Performance in Multiple Sclerosis, National Multiple Sclerosis Society RG-1507-04951, $492,792

Hansen, John, Speaker Variability – Advancements in Automatic Detection and Knowledge Integration for Speaker Verification in Naturalistic Environments, West Virginia University 09-097MM-UTD, $202,264

Fahimi, Babak, STEP/FEEDER: Strategic Expansion to Achieve GEARED Goals, University of Central Florida 16226104-01, $156,000

Gnade, Bruce, Neutron Detector Array for Monitoring Neutrons Generated during Heavy Ion Therapy, The University of Texas SW Medical Ctr., $100,000

Willett, Gregory, GENI Programming, US-Ignite, $90,000

Romero-Ortega, Mario, SBIR I: Evaluation of Sustained 3D Growth Factor Gradients for Nerve Repair, TissueGen, Inc., $85,945