In 2nd quarter FY18 (December 1, 2017 through February 28, 2018), the Office of Research assisted faculty with 216 proposals. During this same period, there were 25 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 FY18 is $14,863,976. This total does not include any cost share amounts. Each School contributed to this total as follows:

- Behavioral and Brain Sciences: $2,327,824
- Engineering and Computer Sciences: $9,460,310
- Natural Science and Mathematics: $2,286,840
- Research Gifts: $789,002

**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.
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 FY18 but received by The University after
November 30, 2017:

Urquhart Kelly, Mary, 2017-2018 Texas Mathematics and Science Partnership Professional Development Network, University of Texas at Austin, $176,380

Ferrara, Joseph, 2017-2018 Texas Mathematics and Science Partnership Professional Development Network, University of Texas at Austin, $117,483

Prasad, Shalini, SBIR: AWARE (A Wearable Awareness with Real-Time Exposure), EnLiSense LLC, $68,663

Wong, Eric, SRA: Genetic Algorithm-based Test Generation for Software Product Line, Antares International LTD, $60,000

Rodrigues, Daniele, SRA: Evaluation of Dental Cements in Simulated Oral Environments, Doxa Dental, $32,231

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between
December 1, 2017 and February 28, 2018:

Goffman, Lisa, Sequential Pattern Learning in Children with Developmental Language Disorder, National Institutes of Health, R01DC016813, $2,244,500

Hayenga, Heather, A Computational Model of the G&R during Atherosclerosis: Integrating Mechanics and Biology, National Institutes of Health, R01HL136776, $1,865,860

Liu, Cong, CAREER: D3: Addressing Emerging Data-Induced Challenges in Embedded and Real-Time Systems, National Science Foundation 1750263, $538,366


Nosratinia, Aria, CIF: Small: Covariance Arbitrage: Unlocking the Full Value of Correlation Diversity in Multiuser Wireless Networks, National Science Foundation 1718551, $399,318

Wong, Eric, REU Site: Software Safety and Reliability: Research and Application, National Science Foundation 1757828, $359,995

The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between
December 1, 2017 and February 28, 2018:

O, Kenneth, TXACE Task 2810, Semiconductor Research Corp., $2,610,000
O, Kenneth, ComSenTer: A Center for Converged Terahertz Communications and Sensing, SRCco, JUMP and DARPA and The Regents of the University of California, $1,269,003

Cho, Kyeongjae, Applications and Systems Driven Center for Energy-efficient Integrated NanoTechnologies (ASCENT), SRCco, JUMP and DARPA, $1,000,000

Ahn, Jung-Mo, Therapeutic Agents Targeting Nuclear Receptor Signaling in Distinct Molecular Subtypes of Breast Cancer, University of Texas Health Science Center at San Antonio, $761,939


Ahn, Jung-Mo, Targeting KDM4B, A Novel Alternative Splicing Regulator in Castration-resistant Prostate Cancer, University of Texas Southwestern Medical Center, $573,750

Iungo, Giacomo, Transport of Aerosolized Oil Droplets in Marine Atmospheric Boundary Layer: Coupling Wind LiDAR Measurements and Large-Eddy Simulations, The Gulf of Mexico Research Initiative, $334,344

McMechan, George, 2018 Geophysical Consortium, Various Industry Sponsors, $235,000

Mattson, Eric, Nanospectroscopic Imaging to Probe Stochastic Variations in Extreme Ultraviolet Photoresists, Semiconductor Research Corp., $170,000

LePrell, Colleen, SRA - Noise induced Hearing Loss, Q30 Innovations LLC, $83,324

Spiro, Stephen, Periplasmic Zinc Management and Homeostasis in Paracoccus Denitrificans, New Mexico State University, $76,588

Majewicz Fey, Ann, Adaptively Intuitive Human-in-the-Loop Control Algorithms for Surgical Training, University of Texas Southwestern Medical Center, $70,002

Chabal, Yves, STTR: Development of Low-cost Optical Sensor for Nitrate Detection in Agricultural Soils and Environmental Waters, Max-IR Labs, LLC, $68,000

Choi, Wonjae, Application of Superhydrophobic Surfaces for Auto-Industries, Ford Motor Co., $23,114