In 1st quarter FY16 (September 1, 2015 through November 30, 2015), the Office of Research assisted faculty with 243 proposals. During this same period, there were 50 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 1st quarter FY16 is $24,596,355. This total does not include any cost share amounts. Each School contributed to this total as follows:

<table>
<thead>
<tr>
<th>School</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$8,000</td>
</tr>
<tr>
<td>Behavioral and Brain Sciences</td>
<td>$6,499,426</td>
</tr>
<tr>
<td>Economic, Political &amp; Policy Sciences</td>
<td>$1,864,787</td>
</tr>
<tr>
<td>Engineering and Computer Sciences</td>
<td>$9,932,693</td>
</tr>
<tr>
<td>Natural Science and Mathematics</td>
<td>$2,433,419</td>
</tr>
<tr>
<td>Research Gifts</td>
<td>$3,858,030</td>
</tr>
</tbody>
</table>

The Office of Research also processed 52 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 FY16 but received by The University after August 31, 2015:

Lv, Bing, Search for Novel Superconductors, Thermoelectrics, and Super-Thermal-Conductors with Enhanced Performance, University of Houston, $487,373

Zhang, Michael, Reprogramming by mRNA clearance: The Mat-to-Zyg Transition Renewal 1, University of Texas Southwestern Medical Center, $321,243

Leonardi, Stefano, Advancing the Caribbean Coastal Ocean Observing System, University of Puerto Rico at Mayaguez, $55,005

Sherry, Dean, Single-walled Carbon Nanotube-based Near-infrared Optical Glucose Sensor for In Vivo Continuous Glucose Monitoring, Texas Medical Research Collaborative, $40,000

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between September 1, 2015 and November 30, 2015:

Rennaker, Robert, Closed-Loop Neuromodulation to Treat PTSD, DARPA N66001-15-2-4057, $6,399,426

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

Pancrazio, Joseph, The Effect of the Elimination of Micromotion and Tissue Strain on Intracortical Device Performance, Department of Defense Peer Reviewed Medical Research Program, USAMRAA W81XWH-15-1-0607, $1,156,959

Makris, Georgios, TWC: Medium: Hardware Trojans in Wireless Networks - Risks and Remedies, National Science Foundation 1514050, $1,129,437

Fumagalli, Andrea, CC*DNI Integration: PROnet: A PRogrammable Optical Network Prototype Serving the Campus, National Science Foundation 1541461, $998,867

Lin, Zhiqiang, CAREER: A Dual-VM Binary Code Reuse Based Framework for Automated Virtual Machine Introspection, National Science Foundation 1453011, $535,053
Hassanipour, Fatemeh, CAREER: Biofluid Dynamics of the Human Breast: Characterization and Fluid-Structure Interaction, National Science Foundation 1454334: $503,171

Busso, Carlos, CAREER: Advanced Knowledge Extraction of Affective Behaviors during Natural Human Interaction, National Science Foundation 1453781: $503,853


Nosratinia, Aria, CIF: Small: Disparity of Coherence and Channel Information in Wireless Networks - Opportunities and Challenges, National Science Foundation 1527598, $421,556

D’Orazio, Vito, Collaborative Research: Updating the Militarized Dispute Data through Crowdsourcing: MID5, 2011-2017, National Science Foundation 1528624, $367,429

Ng, Vincent, RI: Small: Fast, Scalable Joint Inference for NLP using Markov Logic, National Science Foundation 1528037, $360,347

Liu, Cong, CSR: Small: Predictable Real-Time Computing in GPU-enabled Systems, National Science Foundation 1527727, $354,076

Khan, Latifur, Virtual Laboratory and Curriculum Development for Secure Mobile Computing, National Science Foundation 1516425, $299,634

King, Lindsay, Revealing the Physics and Dynamics of the Unique Galaxy Cluster Merger Abell 2146, National Science Foundation 1517954, $292,305

Anderson, Phillip, GEM: Subauroral Polarization Streams (SAPS); Stormtime Empirical Modeling, Database Generation and Comparison with Rice Convection Model-Equilibrium (RCM-E), National Science Foundation 1502934, $270,440

Ishak-Boushaki, Mustapha, Investigations of 2- and 3- point Intrinsic Alignments of Galaxies (II, GI, III, GGI, GII) and their Isolation in Current and Future Lensing Surveys, National Science Foundation 1517768, $269,114

Hinkle, Christopher, MRI Acquisition: High-Resolution and Ultra-High Speed X-Ray Diffractometer for Structure, Crystal Quality, and Preferred Orientation Determination, National Science Foundation 1531811, $263,041

Ruozzi, Nicholas, III: Small: Collaborative Research: Approximate Learning and Inference in Graphical Models, National Science Foundation 1527312, $201,946

Marcus, Adrian, SHF: Small: Collaborative Research: Text Retrieval in Software Engineering 2.0, National Science Foundation 1526118, $200,000

Efroimovich, Sam, Topics in Nonparametric Statistics: Faster Minimax Rates, Large-P-Small-n Cross-Correlation Matrices, Survival Analysis, National Science Foundation 1513461, $200,000
Nosratinia, Aria, Collaborative Research: EARS: Interference Mitigation by Stream Decomposition Enabled by Liquid-Metal Antennas, National Science Foundation 1546969, $197,782

Lou, Yifei, A Non-convex Approach for Signal and Image Processing (NA-SLIP), National Science Foundation 1522786, $176,630

Fumagalli, Andrea, US Ignite: Collaborative Research: Track 1: Industrial Cloud Robotics across Software Defined Networks, National Science Foundation 1531039, $175,000

Cardenas, Alvaro, EAGER: Improving Incentives and Awareness, to Increase the Security Posture of Critical Infrastructures, National Science Foundation 1547502, $163,956

Lumata, Lloyd, Noninvasive in Vivo MRI Assessment of Prostate Cancer Using Hyperpolarized 15N Choline, Department of Defense Prostate Cancer Research Program, USAMRAA W81XWH-14-1-0048, $114,750


The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between September 1, 2015 and November 30, 2015:

Anderson, William, Open-Coastal Ocean Connectivity through Bottom Boundary Layer Observations and LES Simulation, Texas General Land Office 16-091-000-9283, $282,215

Fahimi, Babak, HET Prototype Project, Linear Labs, $156,805

Thuraisingham, Bhavani and Straach, Janell, Capacity Building in Cybersecurity: Broadening Participation of Women in Cybersecurity through the Women in Cybersecurity Conference and Professional Development, Tennessee Tech University, Sub-award to National Science Foundation Grant # 1303441, $150,000

Gelb, Lev, Thermodynamics of Acid-Base Equilibria in Protic Ionic Liquids, Petroleum Research Fund, $110,000

Dussor, Gregory, Prolactin and Sex Dependence of Migraine, The University of Texas System Neuroscience and Neurotechnology Research Institute, $100,000

Makris, Georgios, On-Die Learning: A Pathway to Post-Deployment Robustness and Trustworthiness of Analog/RF ICs, Semiconductor Research Corporation, $100,000

Qin, Zhenpeng, Studying Brain Activity by Liposome-Based Neurotransmitter Burst Release, The University of Texas System Neuroscience and Neurotechnology Research Institute, $100,000
Wang, Jun, Decoding Speech from MEG Signals, The University of Texas System Neuroscience and Neurotechnology Research Institute, $100,000

Chabal, Yves, Center for Sustainable Material Chemistry, Oregon State University, Sub-award to National Science Foundation Grant # CHE-1102637, $89,772

Barton, Taylor, Class J Power Amplifier, Alcatel-Lucent USA, $67,576

Kesden, Michael, Black Holes: Bridges between Astrophysics and Relativity, Alfred P. Sloan Foundation, $50,000

Zhang, Kang, Pathways: CASCADING EXPERIENCES: Using Big Data and Visual Modeling as Tools for Understanding and Facilitating Lifelong and Life-Wide STEM Learning Experiences, Oregon State University, $49,906

Tran, Anh, Some Conjectures about the Colored Jones Polynomial, Simons Foundation, $35,000