Grant Award Numbers

In 1st quarter FY15 (September 1, 2014 through November 30, 2014), the Office of Sponsored Projects assisted faculty with 241 proposals. During this same period, there were 64 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 1st quarter FY15 is $19,502,461. This total does not include any cost share amounts. Each School contributed to this total as follows:

<table>
<thead>
<tr>
<th>School</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral and Brain Sciences</td>
<td>$1,139,429</td>
</tr>
<tr>
<td>Engineering and Computer Sciences</td>
<td>$11,075,952</td>
</tr>
<tr>
<td>Economic, Political &amp; Policy Sciences</td>
<td>$1,174,949</td>
</tr>
<tr>
<td>Jindal School of Management</td>
<td>$198,606</td>
</tr>
<tr>
<td>Natural Science and Mathematics</td>
<td>$5,643,269</td>
</tr>
<tr>
<td>Research Gifts</td>
<td>$270,256</td>
</tr>
</tbody>
</table>

The Office of Sponsored Projects also processed 62 contracts that did not involve funding (e.g., Material Transfer Agreements, Non-Disclosure Agreements, Memoranda of Understanding, etc.).

**DISCLAIMER:** OSP 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.

Faculty Research Awards

The following are awards that were made in FY14 but received by The University after August 31, 2014:

Zheng, Jie, Mapping Acidic Tumor Microenvironment with Renal Clearable pH Nanoindicators, CPRIT: $900,000

Vidyasagar, Mathukumalli, Optimal Biomarkers for Personalized Cancer Therapy: A Network-Based Approach, CPRIT: $490,689

Bray, Timothy, CRA: Project Amplify, Dallas Education Foundation: $185,000

The following are awards over $100,000 received by UT Dallas faculty from Federal sponsors between September 1, 2014 and November 30, 2014:

Sarac, Kamil, UTD SFS Renewal: Growing a Cybersecurity Community thru SFS Scholarship Program at UTD, National Science Foundation: $3,931,355

Zheng, Jie, Surface Chemistry for High-contrast Fluorescence Kidney Imaging, National Institutes of Health: $1,333,945

Griffith, Daniel, Uncertainty in Spatial Data: Identification, Visualization, and Utilization, National Institutes of Health: $866,760

Kelly, Mary, UTeach Dallas Robert Noyce Scholarship Program, National Science Foundation: $799,686

Wallace, Robert, US/Ireland R&D Partnership: Understanding the Nature of Interfaces in Two Dimensional Electronic Devices (UNITE), National Science Foundation: $420,000

Biswas, Swati, A Model for Individualized Risk Prediction of Contralateral Breast Cancer, National Institutes of Health: $412,078

Delk, Nikki, Role of Androgen Receptor in Bone Metastatic Prostate Cancer Apoptosis and NED, National Institutes of Health: $366,053


Lee, Mark, GOALI: Pioneering a Quantum Mechanical Route Towards Transforming the Future of Industrial Silicon Electronics, National Science Foundation: $349,996

Delk, Nikki, Cryptoprotective Autophagy in Bone Metastatic Prostate Cancer, National Institutes of Health: $345,060
Daescu, Ovidiu, I/UCRC Phase I: iPerform - I/UCRC for Assistive Technologies to Enhance Human Performance, National Science Foundation: $325,000

Jung, Myoungsoo, CoDEX: A Hardware/Software Co-Design Environment for the Exascale Era, Lawrence Berkeley National Laboratory: $300,002

Jung, Myoungsoo, CSR: Small: Host-Assisted, Software-Defined Solid-State Disk, National Science Foundation: $299,960

Chan, Julia, Crystal Growth of Lanthanide Intermetallics with Competing Magnetic Interactions, National Science Foundation: $275,001

Chen, Lunjin, Collaborative Research: GEM: Modulation of Plasma Waves by Thermal Plasma Density Variation in the Inner Magnetosphere, National Science Foundation: $265,515


Makarenkov, Oleg, Special Topics in Dynamical Systems: A new Mathematical Framework for the Design of Switching and Continuous Control Strategies, National Science Foundation: $186,855

Kim, Tae Hoon, Analysis of Higher Order Chromatin Structures in Normal and Cancer Epigenomes, National Institutes of Health: $179,261

Koen, Joshua, Age-Related Differences in Episodic Memory Encoding, National Institutes of Health: $159,906

Krawcewicz, Wieslaw, Stabilization of Periodic Regimes in Symmetric Systems with Memory via Time-Delayed Feedback Control, National Science Foundation: $152,587

Stewart, Marianne, RAPID - Russia, Ukraine and The Dynamics of Public Attitudes Towards U.S. and Global Security, National Science Foundation: $132,028

Cardenas, Alvaro, Hardening Industrial Control Systems Against Cyber-Attacks, National Institute of Standards and Technology: $100,000

The following are awards over $20,000 received by UT Dallas faculty from non-Federal sponsors between September 1, 2014 and November 30, 2014:

O'Toole, Alice, Sparse Heterogeneous Representation and Domain Adaptive Matching for Unconstrained Face Recognition, University of Maryland: $825,000

Cogan, Stuart, High-density Recording and Stimulating Microelectrodes, Boston University: $732,237


McMechan, George, Geophysical Consortium 2015, Various: $235,000
Shichijo, Hisashi, Thermal Noise Characterization of BiCMOS Transistors, Semiconductor Research Corp.: $180,000

Hinkle, Christopher, New Transition Metal Dichalcogenides for High Energy Density Li-ion Batteries, THECB Advanced Research Program: $100,000

Andrews, Rodney, The Effects of Targeted Recruitment Programs Implemented by Texas's Flagship Universities, Greater Texas Foundation: $81,161

Connell, Nadine, ELECCIONES: A Decision Making Curriculum for Culturally Diverse Middle Schoolers, Criminal Justice Division: $80,000


Gonzalez, Juan, PRIDE: Functional and Translational Genomics of Blood Disorders, Georgia Regents University: $78,248

Rennaker, Robert, The Predictive Role of White Matter Injury for Motor Function Recovery in a Rat TBI Model, University of Texas Southwestern Medical Center: $60,000

Bensoussan, Alain, Optimization of Wind Farms and Solar Plant Facilities, EREN Developpement: 150,000 €

Romero-Ortega, Mario, Evaluation of Viral Transfection of DRG Neurons from Neuroma Targets, PeriphaGen Inc.: $45,597

Thamban, P L Stephan, A Study on Ebeam Sensor's Application Capabilities, Verity Instruments: $39,044

Bose, Ranavir, Data Mining and Analysis of Trade and Flow Data, TD Ameritrade Holding Corp.: $35,000