

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF EDUCATION****Psychological, Health, and Learning Sciences**

**Investigator:** Burridge, Andrea Dr. 25%  
**Award Amount:** \$362,499.75  
**Cost Center:** 00730 / 5013 / H0110 / H0001 / G110553 / 59357  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/15/2016 to 5/31/2021  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** University of Houston: Learning through Informal and Formal Experiences (UH-LIFE)

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**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

**Investigator:** Fletcher, Jack Dr. 5%  
**Award Amount:** \$5,234.40  
**Cost Center:** 00730 / 5015 / H0288 / B0001 / G100232 / 46963  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2010 to 6/30/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12

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**Investigator:** Barr, Christopher Dr. 20%  
**Award Amount:** \$2,767.60  
**Cost Center:** 00730 / 5043 / H0288 / B0001 / G111624 / 59289  
**Agency:** Research Foundation of the State University of New York  
**Pass\_Thru Agency:** National Institute on Deafness and Other Communication Disorders  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:** 93.173 Research Related to Deafness and Communication Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evidence-Based Clinical Diagnosis of Specific Language Impairments in Spanish-Speaking Children

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**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

**Investigator:** Barr, Christopher Dr. 20%  
**Award Amount:** \$9,670.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G109063 / 56124  
**Agency:** University of Miami  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 93.088 Advancing System Improvements to Support Targets for Healthy People  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Reading Achievement Multi-Component Program (RAMP-UP)

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**Investigator:** Francis, David Dr. 10%  
**Award Amount:** \$10,468.80  
**Cost Center:** 00730 / 5015 / H0288 / B0001 / G100232 / 46963  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2010 to 6/30/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12

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**Investigator:** Carlson, Coleen Dr. 20%  
**Award Amount:** \$18,987.60  
**Cost Center:** 00730 / 5018 / H0288 / B0001 / G111077 / 58636  
**Agency:** University of Texas Health Science Center at Houston  
**Pass\_Thru Agency:** Texas Education Agency  
**Agency Type:** STATE  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TPRI & Tejas LEE Print, Distribution and Development

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Biology/Biochemistry**

**Investigator:** Gunaratne, Preethi Dr. 100%  
**Award Amount:** \$37,625.00  
**Cost Center:** 00730 / 5015 / H0104 / B0001 / G108700 / 57745  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** National Cancer Institute  
**Agency Type:** FEDERAL  
**Duration:** 4/10/2015 to 3/31/2017  
**CFDA:** 93.393 Cancer Cause and Prevention Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** (POA4) Molecularly Targeted Chemoprevention for Preneoplastic Squamous Epithelia

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**Investigator:** Laws, Angela Dr. 50%  
**Award Amount:** \$75,000.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G111080 / 58677  
**Agency:** National Institute of Food and Agriculture  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/15/2016 to 5/14/2018  
**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Is a Diverse Grasshopper Community Beneficial to the Health and Functioning of Rangeland Ecosystems?

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**Investigator:** Khurana, Seema Dr. 100%  
**Award Amount:** \$327,338.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G106636 / 54180  
**Agency:** National Institutes of Health  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/18/2013 to 5/31/2018  
**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Epithelial mesenchymal transition in gastrointestinal homeostasis and disease

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**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Chemistry**

**Investigator:** Meen, James Dr. 30%  
**Award Amount:** \$21,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107616 / 54500  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 9/30/2017  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL Collaboration Program-Materials and Manufacturing Research

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**Investigator:** Bott, Simon G. Dr. 10%  
**Award Amount:** \$144,999.90  
**Cost Center:** 00730 / 5013 / H0110 / H0001 / G110553 / 59357  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/15/2016 to 5/31/2021  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** University of Houston: Learning through Informal and Formal Experiences (UH-LIFE)

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**Computer Science**

**Investigator:** Deng, Zhigang Dr. 40%  
**Award Amount:** \$100,000.00  
**Cost Center:** 00730 / 5013 / H0108 / B0001 / G111101 / 59180  
**Agency:** U.S. Army Research Office  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/18/2016 to 4/17/2017  
**CFDA:** 12.431 Basic Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Scalable Interactive Visual Computing Infrastructure for Modeling, Training and Planning

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**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

**Investigator:** Pavlidis, Ioannis Dr. 50%  
**Award Amount:** \$30,340.00  
**Cost Center:** 00730 / 5022 / H0288 / B0001 / G106793 / 55148  
**Agency:** Texas A&M Transportation Institute  
**Pass\_Thru Agency:** Toyota Motor Corporation  
**Agency Type:** PROFIT  
**Duration:** 1/17/2014 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Toyota Economic Loss Settlement Safety Research

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**Investigator:** Chen, Guoning Dr. 60%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5013 / H0108 / B0001 / G111101 / 59180  
**Agency:** U.S. Army Research Office  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/18/2016 to 4/17/2017  
**CFDA:** 12.431 Basic Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Scalable Interactive Visual Computing Infrastructure for Modeling, Training and Planning

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**Earth & Atmospheric Sciences**

**Investigator:** Han, De-Hua Dr. 100%  
**Award Amount:** \$40,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C106965 / 53599  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 5/30/2013 to 12/31/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Fluid & Rock Properties and Seismic Hydrocarbon Indicators

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**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Earth & Atmospheric Sciences**

**Investigator:** Mann, Paul Dr. 100%  
**Award Amount:** \$120,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C106782 / 52937  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2012 to 8/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

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**Investigator:** Li, Aibing Dr. 100%  
**Award Amount:** \$159,923.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G111001 / 59236  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2016 to 5/31/2018  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Investigating lithospheric evolution beneath the southern and northeastern United States

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**Investigator:** Goloshubin, Gennady Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5021 / H0109 / B0100 / C109141 / 56925  
**Agency:** Universitetet i Stavenger  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 11/1/2014 to 11/30/2016  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** The research project - Low Frequency - indicator of hydrocarbons?

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Houston Coastal Center

**Investigator:** Laws, Angela Dr. 50%  
**Award Amount:** \$75,000.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G111080 / 58677  
**Agency:** National Institute of Food and Agriculture  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/15/2016 to 5/14/2018  
**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Is a Diverse Grasshopper Community Beneficial to the Health and Functioning of Rangeland Ecosystems?

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## Mathematics

**Investigator:** Azencott, Robert Dr. 100%  
**Award Amount:** \$16,298.00  
**Cost Center:** 00730 / 5021 / H0110 / B0001 / G111836 / 59293  
**Agency:** Texas Children's Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 6/1/2016 to 1/15/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Salary Reimbursement Agreement with Texas Children's Hospital for Viktoria Muravina

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**Investigator:** Evans, Paige Dr. 65%  
**Award Amount:** \$942,499.35  
**Cost Center:** 00730 / 5013 / H0110 / H0001 / G110553 / 59357  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/15/2016 to 5/31/2021  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** University of Houston: Learning through Informal and Formal Experiences (UH-LIFE)

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Mathematics**

**Investigator:** Mamonov, Alexander 100%  
**Award Amount:** \$64,173.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G111034 / 59395  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/15/2016 to 5/31/2019  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Reduced order models for imaging and inversion with waves and diffusive fields

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**Physics**

**Investigator:** Lv, Bing Dr. 25%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G109411 / 57613  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2020  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Search for Novel Superconductors, Thermoelectrics, and Super-Thermal-Conductors with Enhanced Performance

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**Investigator:** Whitehead, Lisa Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G104646 / 51197  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2017  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Precision Measurement of Electron Antineutrino Disappearance in the Daya Bay Experiment

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Hor, Pei-Herng Dr. 50%  
**Award Amount:** \$18,860.00  
**Cost Center:** 00730 / 5021 / H0112 / B0001 / G100470 / 45459  
**Agency:** St. Luke's Episcopal Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 6/1/2009 to 5/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Simulation & Optimization of High Intensity Focus Ultrasound Surgery

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**Investigator:** Ren, Zhifeng Dr. 17%  
**Award Amount:** \$31,939.50  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**Investigator:** Chu, Ching-Wu Dr. 25%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G109411 / 57613  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2020  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Search for Novel Superconductors, Thermoelectrics, and Super-Thermal-Conductors with Enhanced Performance

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**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Chen, Shuo Dr. 16.5%  
**Award Amount:** \$31,000.10  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**Investigator:** Cheung, Margaret Dr. 100%  
**Award Amount:** \$138,042.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G107867 / 55582  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2019  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Cellular Environment on Protein Structure and Folding Dynamics

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**Investigator:** Brazdeikis, Audrius Dr. 25%  
**Award Amount:** \$15,562.00  
**Cost Center:** 00730 / 5022 / H0452 / B0001 / C110784 / 58894  
**Agency:** Endomagnetics Ltd  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2016 to 1/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Characterization of various non-cryogenic magnetic sensors

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF OPTOMETRY****Optometry Vision Sciences**

**Investigator:** Burns, Alan Dr. 100%  
**Award Amount:** \$104,427.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G111775 / 59183  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** National Institutes of Health  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2016 to 1/31/2017  
**CFDA:** 93.839 Blood Diseases and Resources Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Baylor/Raumbaut: Platelets and Their Microparticles in the Inflamed Microcirculation

**Investigator:** Frishman, Laura J. Dr. 100%  
**Award Amount:** \$81,901.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G111786 / 59182  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2016 to 4/30/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Short-term Training in Health Professional Schools

**COLLEGE OF PHARMACY****Clinical Pharmacy & Administration**

**Investigator:** Beyda, Nicholas Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / C110698 / 58895  
**Agency:** Astellas Pharma US, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/17/2015 to 4/30/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Adaptive Cell Wall Responses to Caspofungin and Micafungin Among Echinocandin Susceptible and Resistant C. Glabrata: Characterization and Implications on Virulence and Host Immune Responses

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during JUNE****COLLEGE OF PHARMACY****Institute for Community Health**

**Investigator:** Abughosh, Susan Dr. 11.8%  
**Award Amount:** \$1,160.11  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

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**Investigator:** Johnson, Michael Dr. 1.3%  
**Award Amount:** \$127.81  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

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**Institute for Drug Education and Research**

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$10,323.50  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / C110733 / 58414  
**Agency:** Christopher and Dana Reeve Foundation  
**Pass\_Thru Agency:** U.S. Army Medical Research Acquisition Activity  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multi-Center, Randomized, Placebo-Controlled, Double-Blinded, Trial of Efficacy and Safety of Riluzole in Acute Spinal Cord Injury

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**COLLEGE OF PHARMACY****Pharm Health Outcomes & Policy**

**Investigator:** Fleming, Marc Dr. 47.5%  
**Award Amount:** \$4,669.95  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

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**Investigator:** Abughosh, Susan Dr. 35.7%  
**Award Amount:** \$3,509.83  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

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**Investigator:** Johnson, Michael Dr. 3.7%  
**Award Amount:** \$363.76  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2016 - Received during JUNE**

**COLLEGE OF PHARMACY****Pharmacological and Pharmaceutical Sciences**

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$10,323.50  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / C110733 / 58414  
**Agency:** Christopher and Dana Reeve Foundation  
**Pass\_Thru Agency:** U.S. Army Medical Research Acquisition Activity  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multi-Center, Randomized, Placebo-Controlled, Double-Blinded, Trial of Efficacy and Safety of Riluzole in Acute Spinal Cord Injury

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**Investigator:** Hu, Ming Dr. 100%  
**Award Amount:** \$93,411.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G107171 / 55612  
**Agency:** National Institute of General Medical Sciences  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2014 to 4/30/2018  
**CFDA:** 93.859 Pharmacology, Physiology, and Biological Chemistry Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Disposition of Flavonoids via Glucuronidation, Critical Role of Efflux Transporters

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**Investigator:** Cuny, Gregory Dr. 100%  
**Award Amount:** \$46,380.00  
**Cost Center:** 00730 / 5015 / H0117 / B0001 / G109227 / 57742  
**Agency:** Texas A&M University (Main University)  
**Pass\_Thru Agency:** National Institute of Allergy and Infectious Diseases  
**Agency Type:** FEDERAL  
**Duration:** 6/26/2015 to 5/31/2017  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Developing therapeutics against Giardia and other anaerobic protozoa by targeting parasite fatty acyl-CoA synthetase (ACS)

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**New/Continuation Sponsored Research Grants and Contracts**  
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**COLLEGE OF TECHNOLOGY****Human Development and Consumer Science**

**Investigator:** Hines, Andrew Dr. 100%  
**Award Amount:** \$27,040.00  
**Cost Center:** 00730 / 5013 / H0140 / B0001 / G110507 / 59166  
**Agency:** Forest Service  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/19/2016 to 7/31/2020  
**CFDA:** 10.001 Agricultural Research - Basic and Applied Research  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Horizon Scanning for Natural Resource Foresight and Decision Making

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**CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering**

**Investigator:** Larin, Kirill Dr. 100%  
**Award Amount:** \$482,004.00  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G110439 / 59272  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2016 to 4/30/2020  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Optical Coherence Elastography of the Cornea

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**Investigator:** Abidian, Mohammad Reza 70%  
**Award Amount:** \$221,615.80  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G111769 / 59274  
**Agency:** National Institute of Neurological Disorders and Stroke  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2016 to 3/31/2019  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Neural Tissue Engineering Based on Combinatorial Effect of Multiple Guidance Cues

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**CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering**

**Investigator:** Majd, Sheereen 30%  
**Award Amount:** \$94,978.20  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G111769 / 59274  
**Agency:** National Institute of Neurological Disorders and Stroke  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2016 to 3/31/2019  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Neural Tissue Engineering Based on Combinatorial Effect of Multiple Guidance Cues

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**Investigator:** Naash, Muna 100%  
**Award Amount:** \$121,174.12  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G111425 / 59051  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/3/2015 to 11/30/2019  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Mechanisms of photoreceptor cell degeneration in animal models of retinal disease

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**Chemical Engineering**

**Investigator:** Myers, Michael Dr. 100%  
**Award Amount:** \$50,447.00  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / C106915 / 56098  
**Agency:** Shell Global Solutions  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/1/2014 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Modeling Fractures in Unconsolidated Sands

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**CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

**Investigator:** Balakotaiah, Vemuri Dr. 100%  
**Award Amount:** \$165,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106992 / 54688  
**Agency:** NASA Glenn Research Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 2/28/2017  
**CFDA:** 43.007 Space Operations  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Modeling and Experimental Studies on Gas-Liquid Two-Phase Flow through Packed Beds in Microgravity

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**Investigator:** Donnelly, Vincent Dr. 50%  
**Award Amount:** \$72,499.50  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109210 / 57713  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2015 to 7/31/2018  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Plasma-Surface Interactions During In-situ Photo-Assisted Etching

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**Investigator:** Economou, Demetre J. Dr. 50%  
**Award Amount:** \$72,499.50  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109210 / 57713  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2015 to 7/31/2018  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Plasma-Surface Interactions During In-situ Photo-Assisted Etching

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**CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

**Investigator:** Vekilov, Peter Dr. 50%  
**Award Amount:** \$40,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106744 / 54700  
**Agency:** NASA Headquarters  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/21/2014 to 1/20/2019  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

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**Investigator:** Conrad, Jacinta Dr. 50%  
**Award Amount:** \$40,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106744 / 54700  
**Agency:** NASA Headquarters  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/21/2014 to 1/20/2019  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

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**Civil Engineering**

**Investigator:** Glennie, Craig Dr. 100%  
**Award Amount:** \$363,946.00  
**Cost Center:** 00730 / 5043 / H0068 / B0001 / C110345 / 57993  
**Agency:** U.S. Army Corps of Engineers  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/28/2015 to 9/30/2016  
**CFDA:** 12.300 Basic and Applied Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Characterization of LIDAR Spatial and Spectral Error Models Towards Fusion with Complementary Remote Sensing Modalities

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**UNIVERSITY OF HOUSTON**  
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**CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

**Investigator:** Willam, Kaspar Dr. 53%  
**Award Amount:** \$92,781.27  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G109884 / 58194  
**Agency:** Idaho Operations Office  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2017  
**CFDA:** 81.121 Nuclear Energy Research, Development and Demonstration  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Multiple Degradation Mechanisms in Reinforced Concrete Structures, Modeling and Risk Analysis

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**Investigator:** Ballarini, Roberto Dr. 100%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G111931 / 59345  
**Agency:** University of Minnesota  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 4/12/2016 to 8/31/2017  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU: A Multiscale Reliability Model for Brittle MEMS Materials and Structures

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**Investigator:** Hu, Yandi Dr. 100%  
**Award Amount:** \$43,000.00  
**Cost Center:** 00730 / 5043 / H0068 / B0001 / G111314 / 59144  
**Agency:** UT-Battelle, LLC  
**Pass\_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 3/21/2016 to 3/20/2017  
**CFDA:** 81.000 Department of Energy  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Atomic- to Pore-Scale Geochemical Processes

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**CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

**Investigator:** Gencturk, Bora Dr. 47%  
**Award Amount:** \$82,277.73  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G109884 / 58194  
**Agency:** Idaho Operations Office  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2017  
**CFDA:** 81.121 Nuclear Energy Research, Development and Demonstration  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Multiple Degradation Mechanisms in Reinforced Concrete Structures, Modeling and Risk Analysis

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**Electrical & Computer Engineering**

**Investigator:** Shih, Wei-Chuan Dr. 50%  
**Award Amount:** \$75,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110932 / 59305  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2016 to 5/31/2018  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multimodal signal amplification by collaborative plasmonic intensification and catalytic multiplication (c-PI/CM)

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**Investigator:** Chen, Ji Dr. 80%  
**Award Amount:** \$12,800.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106693 / 52848  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2013 to 1/31/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Membership - Center for Electromagnetic compatibility Research

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**UNIVERSITY OF HOUSTON**  
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**CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

**Investigator:** Kayali, Mohammad Dr. 20%  
**Award Amount:** \$3,200.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106693 / 52848  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2013 to 1/31/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Membership - Center for Electromagnetic compatibility Research

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**Investigator:** Chen, Jinghong Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5043 / H0070 / B0001 / C111587 / 59358  
**Agency:** Alphacore, Inc  
**Pass\_Thru Agency:** U.S. Department of Defense  
**Agency Type:** FEDERAL  
**Duration:** 4/8/2016 to 11/5/2016  
**CFDA:** 12.910 Research and Technology Development  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** High-Sample Rate Analog to Digital Converters for Reconfigurable Phased Array Applications

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**Investigator:** Chen, Jinghong Dr. 100%  
**Award Amount:** \$84,192.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / C111294 / 59362  
**Agency:** Alphacore, Inc  
**Pass\_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 5/19/2016 to 4/10/2017  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Radiation Hard High Speed Camera System for Accelerator Beam Diagnostics

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**UNIVERSITY OF HOUSTON**  
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**CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

**Investigator:** Fu, Xin Dr. 100%  
**Award Amount:** \$409,980.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G111181 / 59366  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/15/2016 to 5/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** SHF:Small:Leveraging User Preferences for Mobile User Experience Improvement

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**Investigator:** Roysam, Badrinath Dr. 100%  
**Award Amount:** \$43,341.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105492 / 53287  
**Agency:** Kitware, Inc  
**Pass\_Thru Agency:** National Institutes of Health  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2017  
**CFDA:** 93.286 Biomedical Imaging Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Accelerating Community-Driven Medical Innovation with VTK

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**Industrial Engineering**

**Investigator:** Lim, Gino Jinho Dr. 25%  
**Award Amount:** \$11,529.46  
**Cost Center:** 00730 / 5018 / H0072 / B0001 / G110262 / 59252  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2016 to 2/28/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Biological and Physical Factors Affecting Response to Proton Therapy to Improve its Clinical Effectiveness

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**CULLEN COLLEGE OF ENGINEERING****Industrial Engineering**

**Investigator:** Cao, Wenhua 75%  
**Award Amount:** \$34,588.37  
**Cost Center:** 00730 / 5018 / H0072 / B0001 / G110262 / 59252  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2016 to 2/28/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Biological and Physical Factors Affecting Response to Proton Therapy to Improve its Clinical Effectiveness

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**Mechanical Engineering**

**Investigator:** Hadjiev, Viktor Dr. 30%  
**Award Amount:** \$12,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107520 / 54264  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 9/30/2017  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL COLLABORATION PROGRAM - MATERIALS and MANUFACTURING RESEARCH  
Raman Microscopy Characterization and Computational Simulations of Refractory Matrices and Nanocrystalline Carbides

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**Investigator:** Ghasemi, Hadi Prof. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C110445 / 59181  
**Agency:** Sociedad Quimica y Minera de Chile S. A.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/1/2015 to 11/30/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of an enhanced surface evaporator (ESE) for solar salt ponds

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during JUNE****CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**Investigator:** Sharma, Pradeep Dr. 100%  
**Award Amount:** \$40,050.00  
**Cost Center:** 00730 / 5021 / H0073 / H0001 / C110259 / 57633  
**Agency:** Schlumberger Foundation, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 6/5/2015 to 6/4/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Schlumberger Foundation for the Future, Faculty for the Future: Himani Agrawal

**Investigator:** Song, Gangbing Dr. 100%  
**Award Amount:** \$52,800.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C111463 / 59158  
**Agency:** OneSubsea LLC  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/25/2016 to 10/24/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Study to investigate effect of increased pressure and prolonged exposure to UV, high temperature and humidity on the damping characteristics of viscoelastic material

**Nanosystem Manufacturing Center**

**Investigator:** Shih, Wei-Chuan Dr. 50%  
**Award Amount:** \$75,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110932 / 59305  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2016 to 5/31/2018  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multimodal signal amplification by collaborative plasmonic intensification and catalytic multiplication (c-PI/CM)

**UNIVERSITY OF HOUSTON**  
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**DIVISION OF RESEARCH****Center for Advanced Materials**

**Investigator:** Ignatiev, Alex Dr. 100%  
**Award Amount:** \$10,000.00  
**Cost Center:** 00730 / 5022 / H0453 / B0001 / C106966 / 53976  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2013 to 8/31/2025  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAM Consortium Memberships

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**TcSUH**

**Investigator:** Brazdeikis, Audrius Dr. 75%  
**Award Amount:** \$46,686.00  
**Cost Center:** 00730 / 5022 / H0452 / B0001 / C110784 / 58894  
**Agency:** Endomagnetics Ltd  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2016 to 1/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Characterization of various non-cryogenic magnetic sensors

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**Investigator:** Meen, James Dr. 70%  
**Award Amount:** \$49,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107616 / 54500  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 9/30/2017  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL Collaboration Program-Materials and Manufacturing Research

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**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Hadjiev, Viktor Dr. 70%  
**Award Amount:** \$28,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107520 / 54264  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 9/30/2017  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL COLLABORATION PROGRAM - MATERIALS and MANUFACTURING RESEARCH  
Raman Microscopy Characterization and Computational Simulations of Refractory Matrices and Nanocrystalline Carbides

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**Investigator:** Chen, Shuo Dr. 16.5%  
**Award Amount:** \$31,000.10  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**Investigator:** Hor, Pei-Herng Dr. 50%  
**Award Amount:** \$18,860.00  
**Cost Center:** 00730 / 5021 / H0112 / B0001 / G100470 / 45459  
**Agency:** St. Luke's Episcopal Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 6/1/2009 to 5/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Simulation & Optimization of High Intensity Focus Ultrasound Surgery

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**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Lv, Bing Dr. 25%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G109411 / 57613  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2020  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Search for Novel Superconductors, Thermoelectrics, and Super-Thermal-Conductors with Enhanced Performance

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**Investigator:** Chu, Ching-Wu Dr. 25%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G109411 / 57613  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2020  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Search for Novel Superconductors, Thermoelectrics, and Super-Thermal-Conductors with Enhanced Performance

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**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$93,939.71  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**DIVISION OF RESEARCH****TIMES**

**Investigator:** Francis, David Dr. 45%  
**Award Amount:** \$47,109.60  
**Cost Center:** 00730 / 5015 / H0288 / B0001 / G100232 / 46963  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2010 to 6/30/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12

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**Investigator:** Fletcher, Jack Dr. 40%  
**Award Amount:** \$41,875.20  
**Cost Center:** 00730 / 5015 / H0288 / B0001 / G100232 / 46963  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2010 to 6/30/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12

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**Investigator:** Barr, Christopher Dr. 80%  
**Award Amount:** \$11,070.40  
**Cost Center:** 00730 / 5043 / H0288 / B0001 / G111624 / 59289  
**Agency:** Research Foundation of the State University of New York  
**Pass\_Thru Agency:** National Institute on Deafness and Other Communication Disorders  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:** 93.173 Research Related to Deafness and Communication Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evidence-Based Clinical Diagnosis of Specific Language Impairments in Spanish-Speaking Children

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2016 - Received during JUNE**

**DIVISION OF RESEARCH****TIMES**

**Investigator:** Pavlidis, Ioannis Dr. 50%  
**Award Amount:** \$30,340.00  
**Cost Center:** 00730 / 5022 / H0288 / B0001 / G106793 / 55148  
**Agency:** Texas A&M Transportation Institute  
**Pass\_Thru Agency:** Toyota Motor Corporation  
**Agency Type:** PROFIT  
**Duration:** 1/17/2014 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Toyota Economic Loss Settlement Safety Research

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**Investigator:** Carlson, Coleen Dr. 80%  
**Award Amount:** \$75,950.40  
**Cost Center:** 00730 / 5018 / H0288 / B0001 / G111077 / 58636  
**Agency:** University of Texas Health Science Center at Houston  
**Pass\_Thru Agency:** Texas Education Agency  
**Agency Type:** STATE  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TPRI & Tejas LEE Print, Distribution and Development

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**Investigator:** Barr, Christopher Dr. 80%  
**Award Amount:** \$38,680.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G109063 / 56124  
**Agency:** University of Miami  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 93.088 Advancing System Improvements to Support Targets for Healthy People  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Reading Achievement Multi-Component Program (RAMP-UP)

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**UNIVERSITY OF HOUSTON**  
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**Fiscal Year 2016 - Received during JUNE**

**GRADUATE COLLEGE OF SOCIAL WORK****Center for Drug and Social Policy Research**

**Investigator:** Narendorf, Sarah Dr. 100%  
**Award Amount:** \$100,000.00  
**Cost Center:** 00730 / 5016 / H0508 / B0001 / G111839 / 59332  
**Agency:** Texas Department of Housing and Community Affairs  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 5/26/2016 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Homeless Youth Study: Phase III Data Analysis

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**Investigator:** Narendorf, Sarah Dr. 100%  
**Award Amount:** \$6,772.35  
**Cost Center:** 00730 / 5021 / H0508 / B0001 / C111712 / 59328  
**Agency:** Greater Houston Community Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 5/20/2016 to 7/15/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Intervention Targets for Reducing Risk Factors Among Homeless Young Adults

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**Child & Family for Innovative Research**

**Investigator:** Jennings, Sheara Williams Dr. 100%  
**Award Amount:** \$58,600.00  
**Cost Center:** 00730 / 5013 / H0509 / B0100 / G110118 / 59346  
**Agency:** Change Happens  
**Pass\_Thru Agency:** Administration for Children and Families  
**Agency Type:** FEDERAL  
**Duration:** 9/30/2015 to 9/29/2016  
**CFDA:** 93.092 Personal Responsibility Education Program  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evaluation of Project HYPE

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during JUNE****UH LAW CENTER****Dean, Law**

**Investigator:** Winnike, Allison Dr. 100%  
**Award Amount:** \$93,343.00  
**Cost Center:** 00730 / 5016 / H0098 / B0100 / C111714 / 59273  
**Agency:** Texas Department of State Health Services  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/1/2016 to 9/30/2016  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** DSHS Texas Bench Book Update and Distribution

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**Law-UH**

**Investigator:** Mantel, Jessica 100%  
**Award Amount:** \$2,297.00  
**Cost Center:** 00730 / 5021 / H0099 / C0001 / C111773 / 59306  
**Agency:** University of Ottawa  
**Pass\_Thru Agency:** Canadian Institutes of Health Research  
**Agency Type:** NON PROFIT  
**Duration:** 4/1/2016 to 10/30/2016  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** A Comparative Evaluation of Canada's Regulation of Two-Tier Care and the Relationship to Wait Times

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**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$6,308,550.54  
**State Funding:** \$334,398.83  
**Local Funding:** \$0.00  
**Profit Funding:** \$472,006.47  
**Non Profit Funding:** \$56,315.00  
**Foundation Funding:** \$46,822.35  
**University Funding:** \$30,000.00  
**Total:** **\$7,248,093.19**