

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Health and Human Performance**

**Investigator:** Clarke, Mark Dr. 15%  
**Award Amount:** \$7,500.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G110776 / 58580  
**Agency:** NASA Stennis Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/23/2016 to 2/22/2021  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Assessment of the Time Courses of Leg Muscle Strength and Performance Losses During Prolonged Spaceflight using MARES

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**Investigator:** Laughlin, Mitzi Dr. 75%  
**Award Amount:** \$37,500.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G110776 / 58580  
**Agency:** NASA Stennis Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/23/2016 to 2/22/2021  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Assessment of the Time Courses of Leg Muscle Strength and Performance Losses During Prolonged Spaceflight using MARES

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**Investigator:** Simpson, Richard Dr. 100%  
**Award Amount:** \$100,000.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G109433 / 58540  
**Agency:** NASA Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/21/2015 to 10/20/2017  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The impact of modeled microgravity and prior radiation exposure on cytomegalovirus reactivation and host immune evasion

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Health and Human Performance**

**Investigator:** Layne, Charles S. Dr. 10%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G110776 / 58580  
**Agency:** NASA Stennis Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/23/2016 to 2/22/2021  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Assessment of the Time Courses of Leg Muscle Strength and Performance Losses During Prolonged Spaceflight using MARES

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**Investigator:** Lee, Beom-Chan Dr. 100%  
**Award Amount:** \$8,970.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G110043 / 59186  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center in Houston  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2016 to 9/30/2017  
**CFDA:** 64.000 Department of Veterans Affairs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effect of Resistance Exercise on Tremor and Hand Dexterity of Parkinson's Disease

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**Psychology**

**Investigator:** Sharp, Carla Dr. 100%  
**Award Amount:** \$24,943.00  
**Cost Center:** 00730 / 5021 / H0125 / B0001 / G101988 / 47486  
**Agency:** The Menninger Clinic  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2010 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of Personality and Other Disorders in Adolescents

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Woods, Steven Dr. 100%**Award Amount:** \$20,791.00**Cost Center:** 00730 / 5021 / H0125 / B0100 / G112232 / 59677**Agency:** Houston Methodist Hospital**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 9/1/2016 to 8/31/2017**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Clinical Neuropsychology Training-The Methodist Hospital-Dulay/Podell/Burton

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**Investigator:** Neighbors, Clayton Dr. 100%**Award Amount:** \$34,085.00**Cost Center:** 00730 / 5013 / H0125 / B0001 / G109989 / 58087**Agency:** National Institute on Alcohol Abuse and Alcoholism**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2018**CFDA:** 93.273 Alcohol Research Programs**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** A Longitudinal Social Network Analysis and Intervention for Drinking and Health

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**Investigator:** Woods, Steven Dr. 100%**Award Amount:** \$21,882.00**Cost Center:** 00730 / 5013 / H0125 / B0100 / G112233 / 59676**Agency:** Michael E. DeBakey Veterans Affairs Medical Center in Houston**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2016 to 8/31/2017**CFDA:** 64.000 Department of Veterans Affairs**CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Clinical Neuropsychology Training-Michael E. DeBakey Veterans Affairs Medical Center, Neurology Care Line-Collins

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Biology/Biochemistry

**Investigator:** Gunaratne, Preethi Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5018 / H0104 / B0001 / G108670 / 57531  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 2/28/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Investigating the Regulation of MiRNA and lncRNAs by p63 in Mammary Tumor Metastasis

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**Investigator:** Schwartz, Robert Dr. 100%  
**Award Amount:** \$98,001.00  
**Cost Center:** 00730 / 5021 / H0104 / B0001 / G110847 / 59191  
**Agency:** Texas Heart Institute  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2015 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Salary Reimbursement Agreement with Texas Heart Institute for Dr. Robert Schwartz

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## Chemistry

**Investigator:** Teets, Thomas Dr. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0107 / B0001 / C108273 / 57487  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 6/1/2015 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Two-Stage Catalytic Aerobic Oxidation of Alkanes with Iridium Pincer Complexes

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Earth &amp; Atmospheric Sciences

**Investigator:** Mann, Paul Dr. 100%  
**Award Amount:** \$60,000.00  
**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:** Saylor, Joel Dr. 100%  
**Award Amount:** \$60,993.00  
**Cost Center:** 00730 / 5021 / H0109 / B0001 / C110792 / 59459  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Discriminating Sediment Supply Versus Accommodation Controls on Foreland Basin Stratigraphic Architecture in the Book Cliffs, Central Utah Using Detrital Double Dating

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**Investigator:** Suppe, John Dr. 100%  
**Award Amount:** \$2,427,700.00  
**Cost Center:** 00730 / 5016 / H0109 / B0001 / G111930 / 59951  
**Agency:** Governor - Executive  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 7/8/2016 to 8/31/2019  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Governors University Research Initiative for John Suppe

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Cheung, Margaret Dr. 100%  
**Award Amount:** \$141,329.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G108051 / 56293  
**Agency:** Rice University  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Center for Theoretical Biological Physics - Houston

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

**Investigator:** Rump, Rachel Dr. 100%  
**Award Amount:** \$376,250.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G105894 / 53798  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Toll-Like receptors in dry eye inflammation and infection

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**Investigator:** Anderson, Heather Dr. 95%  
**Award Amount:** \$321,693.75  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G107557 / 55916  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Identification of optimum spectacle prescriptions for patients with Down syndrome

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF OPTOMETRY****Optometry Vision Sciences****Investigator:** Harwerth, Ronald S. Dr. 100%**Award Amount:** \$376,250.00**Cost Center:** 00730 / 5013 / H0114 / B0001 / G104488 / 51914**Agency:** National Eye Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/30/2012 to 8/31/2017**CFDA:** 93.867 Vision Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Behavioral Measures of Vision**COLLEGE OF PHARMACY****Clinical Pharmacy & Administration****Investigator:** Alam, Mohammad Dr. 40%**Award Amount:** \$90,000.00**Cost Center:** 00730 / 5016 / H0118 / B0001 / G110483 / 57926**Agency:** Texas Department of State Health Services**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2015 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** State-wide Assessment of Environmental C. Difficile Colonization**Investigator:** Garey, Kevin Dr. 60%**Award Amount:** \$135,000.00**Cost Center:** 00730 / 5016 / H0118 / B0001 / G110483 / 57926**Agency:** Texas Department of State Health Services**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2015 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** State-wide Assessment of Environmental C. Difficile Colonization

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

COLLEGE OF PHARMACY

## Institute for Community Health

**Investigator:** Abughosh, Susan Dr. 11.25%  
**Award Amount:** \$2,076.60  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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**Investigator:** Essien, Ekere Dr. 1.25%  
**Award Amount:** \$230.73  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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**Investigator:** Johnson, Michael Dr. 3.75%  
**Award Amount:** \$692.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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**UNIVERSITY OF HOUSTON**  
**Division of Research****New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF PHARMACY****Pharm Health Outcomes & Policy**

**Investigator:** Essien, Ekere Dr. 3.75%  
**Award Amount:** \$692.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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**Investigator:** Johnson, Michael Dr. 1.25%  
**Award Amount:** \$230.73  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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**Investigator:** Abughosh, Susan Dr. 33.75%  
**Award Amount:** \$6,229.80  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327  
**Agency:** Regeneron Pharmaceuticals Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/4/2016 to 3/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage Plan

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COLLEGE OF PHARMACY

## Pharm Health Outcomes &amp; Policy

**Investigator:** Fleming, Marc Dr. 45%**Award Amount:** \$8,306.40**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111557 / 59327**Agency:** Regeneron Pharmaceuticals Inc.**Pass\_Thru Agency:****Agency Type:** PROFIT**Duration:** 4/4/2016 to 3/31/2018**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Improving Aherence to Statins with Targeted Motivational Interviewing Interventions Based on Group Based Trajectory Models Among Patients Enrolled in a Medicare Advantage PlanCOLLEGE OF TECHNOLOGY

## Center for Information Security, Research and Edu

**Investigator:** Conklin, William Dr. 50%**Award Amount:** \$162,786.00**Cost Center:** 00730 / 5013 / H0554 / B0001 / G112208 / 60040**Agency:** National Security Agency**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/22/2016 to 9/21/2017**CFDA:** 12.902 Information Security Grant Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Critical Infrastructure Testbed, Data Set Capacity Building and KU refinement

## Engineering Technology

**Investigator:** Pascali, Raresh Dr. 14%**Award Amount:** \$17,916.22**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2015 to 5/31/2020**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Succeed in Engineering Technology Scholars (SETS): Identifying and Developing Future Technology Leaders

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF TECHNOLOGY****Engineering Technology****Investigator:** Robles-Hernande, Francisco Dr. 14%**Award Amount:** \$17,916.22**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2015 to 5/31/2020**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**Investigator:** Malki, Heidar A. Dr. 15%**Award Amount:** \$19,195.95**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2015 to 5/31/2020**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**Investigator:** Yuan, Xiaojing Dr. 15%**Award Amount:** \$19,195.95**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2015 to 5/31/2020**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF TECHNOLOGY****Engineering Technology**

**Investigator:** Shireen, Wajiha Dr. 14%  
**Award Amount:** \$17,916.22  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**Investigator:** El Nahas, Medhat Dr. 14%  
**Award Amount:** \$17,916.22  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**Investigator:** Moges, Mequanint Dr. 14%  
**Award Amount:** \$17,916.22  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****COLLEGE OF TECHNOLOGY****Human Development and Consumer Science****Investigator:** Hines, Andrew Dr. 100%**Award Amount:** \$19,997.00**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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**Information & Logistics Technology****Investigator:** Conklin, William Dr. 50%**Award Amount:** \$162,786.00**Cost Center:** 00730 / 5013 / H0554 / B0001 / G112208 / 60040**Agency:** National Security Agency**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/22/2016 to 9/21/2017**CFDA:** 12.902 Information Security Grant Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Critical Infrastructure Testbed, Data Set Capacity Building and KU refinement

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**CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering****Investigator:** Francis, Joseph 100%**Award Amount:** \$298,390.01**Cost Center:** 00730 / 5013 / H0071 / B0001 / G111662 / 59680**Agency:** National Institute of Neurological Disorders and Stroke**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/1/2016 to 4/30/2019**CFDA:** 93.853 Clinical Research Related to Neurological Disorders**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Towards an Autonomous Brain Machine Interface: Integrating Sensorimotor Reward Modulation and Reinforcement Learning

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

CULLEN COLLEGE OF ENGINEERING

## Civil Engineering

**Investigator:** Rifai, Hanadi Dr. 50%  
**Award Amount:** \$62,500.00  
**Cost Center:** 00730 / 5014 / H0068 / B0001 / G112403 / 59781  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:** U.S. Environmental Protection Agency  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:** 66.419 Water Pollution Control - State and Interstate Program Support  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Water Quality Data Collection for Indicator Bacteria in the Neches River Watershed

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**Investigator:** Mo, Yi-Lung Dr. 100%  
**Award Amount:** \$214,637.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G108334 / 56285  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2014 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:** Periodic Material-Based Seismic Base Isolators for Small Modular Reactors

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## Electrical &amp; Computer Engineering

**Investigator:** Chen, Ji Dr. 100%  
**Award Amount:** \$80,000.00  
**Cost Center:** 00730 / 5021 / H0070 / B0001 / C111419 / 58812  
**Agency:** St. Jude Medical  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2016 to 12/31/2016  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Pathway study

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

**Investigator:** Becker, Aaron Dr. 100%  
**Award Amount:** \$132,315.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G111180 / 59555  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2016 to 6/30/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** RI: Small: Collaborative Research: Micro-Assembly Exploiting SOFT Robotics (MAESTRO)

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**Mechanical Engineering**

**Investigator:** Prosperetti, Andrea Dr. 100%  
**Award Amount:** \$3,060,500.00  
**Cost Center:** 00730 / 5016 / H0073 / B0001 / G111705 / 59948  
**Agency:** Governor - Executive  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 7/8/2016 to 8/31/2019  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Governors University Research Initiative for Andrea Prosperetti

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**Petroleum Engineering**

**Investigator:** Thakur, Ganesh Dr. 100%  
**Award Amount:** \$3,044,350.00  
**Cost Center:** 00730 / 5016 / H0591 / B0001 / G112173 / 59949  
**Agency:** Governor - Executive  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 7/8/2016 to 8/31/2019  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Governors University Research Initiative for Ganesh Thakur

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**UNIVERSITY OF HOUSTON**

**Division of Research**

**New/Continuation Sponsored Research Grants and Contracts**

**Fiscal Year 2017 - Received during SEPTEMBER**

**CULLEN COLLEGE OF ENGINEERING**

**SSPEED**

**Investigator:** Rifai, Hanadi Dr. 50%  
**Award Amount:** \$62,500.00  
**Cost Center:** 00730 / 5014 / H0068 / B0001 / G112403 / 59781  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:** U.S. Environmental Protection Agency  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:** 66.419 Water Pollution Control - State and Interstate Program Support  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Water Quality Data Collection for Indicator Bacteria in the Neches River Watershed

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**DIVISION OF RESEARCH**

**TIMES**

**Investigator:** Stuebing, Karla Dr. 5%  
**Award Amount:** \$16,931.25  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G107557 / 55916  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Identification of optimum spectacle prescriptions for patients with Down syndrome

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# UNIVERSITY OF HOUSTON

## Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during SEPTEMBER

### VICE PRESIDENT FOR STUDENT AFFAIRS

#### Childrens Learning Centers

**Investigator:** Skopal, Jennifer Ms. 100%

**Award Amount:** \$375,000.00

**Cost Center:** 00730 / 5013 / H0229 / C0001 / G107084 / 56561

**Agency:** U.S. Department of Education

**Pass\_Thru Agency:**

**Agency Type:** FEDERAL

**Duration:** 10/1/2014 to 9/30/2018

**CFDA:** 84.335 Discretionary Grants for Institutions of Higher Education

**CB Designation:** Non Research

**Project Type:** Grant - Public Service

**Project Title:** Child Care Access Means Parents In School (CCAMPIS)

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### REPORTING PERIOD ACTIVITY SUMMARY

**Federal Funding:** \$3,066,275.01

**State Funding:** \$8,807,550.00

**Local Funding:** \$0.00

**Profit Funding:** \$78,458.66

**Non Profit Funding:** \$339,728.00

**Foundation Funding:** \$0.00

**University Funding:** \$0.00

**Total:** \$12,292,011.67