

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

**C.T. BAUER COLLEGE OF BUSINESS****Small Business Development Center**

**Investigator:** Young, Frederick Dr. 100%  
**Award Amount:** \$481,598.00  
**Cost Center:** 00730 / 5013 / H0053 / C0001 / G110560 / 58226  
**Agency:** U.S. Small Business Administration  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 59.037 Small Business Development Center  
**CB Designation:** Non Research  
**Project Type:** Co-Op Agreement - Public Service  
**Project Title:** Small Business Development Center

---

**COLLEGE OF EDUCATION****Dean, Education**

**Investigator:** Daire, Andrew Dr. 100%  
**Award Amount:** \$5,360.00  
**Cost Center:** 00730 / 5013 / H0058 / B0100 / G108808 / 56863  
**Agency:** University of Central Florida  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2014 to 9/30/2016  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** COMPASS (Convincing Outstanding Math Potential Admits to Succeed in STEM)

---

**Psychological, Health, and Learning Sciences**

**Investigator:** Horn, Catherine Dr. 25%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 1119 / H0104 / A0001 / G111079 / 58515  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 6/16/2014 to 7/1/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** A Comprehensive Student Success Program Toolkit for Introductory Biology Courses

---

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

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

**Investigator:** CorreaFernandez, Virmarie Dr. 50%  
**Award Amount:** \$1,303.50  
**Cost Center:** 00730 / 5016 / H0064 / B0001 / G109385 / 56532  
**Agency:** Rice University  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 12/1/2014 to 11/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Taking Texas Tobacco-Free: Expanding the Integral Care Campus and Community Model into a Statewide Cancer Prevention Program

**Investigator:** Reitzel, Lorraine Dr. 50%  
**Award Amount:** \$1,303.50  
**Cost Center:** 00730 / 5016 / H0064 / B0001 / G109385 / 56532  
**Agency:** Rice University  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 12/1/2014 to 11/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Taking Texas Tobacco-Free: Expanding the Integral Care Campus and Community Model into a Statewide Cancer Prevention Program

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Health and Human Performance**

**Investigator:** Simpson, Richard Dr. 40%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G108758 / 56643  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/13/2014 to 11/12/2017  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during DECEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Cirino, Paul Dr. 3%**Award Amount:** \$50,581.80**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978**Agency:** National Institute of Child Health and Human Development**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 12/1/2011 to 11/30/2016**CFDA:** 93.865 Center for Research for Mothers and Children**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Learning Disabilities Research Center

---

**Investigator:** Neighbors, Clayton Dr. 100%**Award Amount:** \$5,000.00**Cost Center:** 00730 / 5021 / H0125 / B0100 / C110471 / 58379**Agency:** Texas Research Society on Alcoholism**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 9/1/2015 to 8/31/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Peer Influence on Drinking: A Longitudinal Social Network Analysis

---

**Investigator:** Francis, David Dr. 3%**Award Amount:** \$50,581.80**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978**Agency:** National Institute of Child Health and Human Development**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 12/1/2011 to 11/30/2016**CFDA:** 93.865 Center for Research for Mothers and Children**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Learning Disabilities Research Center

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during DECEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Fletcher, Jack Dr. 25%  
**Award Amount:** \$421,515.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2011 to 11/30/2016  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Learning Disabilities Research Center

---

**Investigator:** Alfano, Candice Dr. 18%  
**Award Amount:** \$9,000.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G108758 / 56643  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/13/2014 to 11/12/2017  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS

---

## Sociology

**Investigator:** Savage, Scott Dr. 100%  
**Award Amount:** \$9,429.00  
**Cost Center:** 00730 / 5013 / H0126 / B0001 / G110411 / 58431  
**Agency:** University of California - Riverside  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:** 47.075 Social, Behavioral, and Economic Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Study of Social Structure, Identity, and Exchange

---

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

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

**Investigator:** Wells, Dan E. Dr. 25%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 1119 / H0104 / A0001 / G111079 / 58515  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 6/16/2014 to 7/1/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** A Comprehensive Student Success Program Toolkit for Introductory Biology Courses

---

**Investigator:** Pennings, Steve Dr. 50%  
**Award Amount:** \$6,073.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G108975 / 56022  
**Agency:** U.S. Geological Survey  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/7/2014 to 1/23/2016  
**CFDA:** 66.001 Air Pollution Control Program Support  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Establishing A Foundation For Evaluating The Ecological Implications of Climate Change Along A Gradient in Macroclimatic Drivers of Coastal Wetland Ecosystems

---

**Investigator:** Pattison, Donna Dr. 25%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 1119 / H0104 / A0001 / G111079 / 58515  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 6/16/2014 to 7/1/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** A Comprehensive Student Success Program Toolkit for Introductory Biology Courses

---

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

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

**Investigator:** Dryer, Stuart E. Dr. 100%  
**Award Amount:** \$332,252.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G109841 / 58483  
**Agency:** National Institutes of Health  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/15/2015 to 11/30/2016  
**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Pathophysiology of FSGS

---

**Investigator:** Cheek, Ann Dr. 25%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 1119 / H0104 / A0001 / G111079 / 58515  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 6/16/2014 to 7/1/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** A Comprehensive Student Success Program Toolkit for Introductory Biology Courses

---

**Earth & Atmospheric Sciences**

**Investigator:** Snow, Jonathan Dr. 33%  
**Award Amount:** \$16,500.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

---

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

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

**Investigator:** Choi, Yunsoo Dr. 50%  
**Award Amount:** \$32,500.00  
**Cost Center:** 00730 / 5016 / H0429 / B0001 / G110132 / 57465  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 5/21/2015 to 7/1/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CMAQ Modeling Archive for Exceptional Events Analyses

---

**Investigator:** Hall, Stuart A. Dr. 33%  
**Award Amount:** \$16,500.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

---

**Investigator:** Murphy, Michael Dr. 34%  
**Award Amount:** \$17,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

---

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during DECEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Earth &amp; 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

---

**Investigator:** Goloshubin, Gennady Dr. 100%  
**Award Amount:** \$37,800.00  
**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?

---

**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

---



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

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

**Investigator:** Flynn, James Dr. 50%  
**Award Amount:** \$37,752.00  
**Cost Center:** 00730 / 5016 / H0429 / B0001 / G110357 / 57689  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 7/16/2015 to 1/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Coastal Measurement by DOAS of Halogen Compounds that may Explain Low-Zzone Concentrations in Onshore Flow from the Gulf of Mexico

---

**Houston Coastal Center**

**Investigator:** Pennings, Steve Dr. 50%  
**Award Amount:** \$6,073.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G108975 / 56022  
**Agency:** U.S. Geological Survey  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/7/2014 to 1/23/2016  
**CFDA:** 66.001 Air Pollution Control Program Support  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Establishing A Foundation For Evaluating The Ecological Implications of Climate Change Along A Gradient in Macroclimatic Drivers of Coastal Wetland Ecosystems

---

**Institute for Climate and Atmospheric Science**

**Investigator:** Flynn, James Dr. 50%  
**Award Amount:** \$37,752.00  
**Cost Center:** 00730 / 5016 / H0429 / B0001 / G110357 / 57689  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 7/16/2015 to 1/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Coastal Measurement by DOAS of Halogen Compounds that may Explain Low-Zzone Concentrations in Onshore Flow from the Gulf of Mexico

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during DECEMBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Institute for Climate and Atmospheric Science****Investigator:** Choi, Yunsoo Dr. 50%**Award Amount:** \$32,500.00**Cost Center:** 00730 / 5016 / H0429 / B0001 / G110132 / 57465**Agency:** Texas Commission on Environmental Quality**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 5/21/2015 to 7/1/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CMAQ Modeling Archive for Exceptional Events Analyses

---

**Mathematics****Investigator:** Tomforde, Mark Dr. 100%**Award Amount:** \$7,000.00**Cost Center:** 00730 / 5021 / H0110 / B0001 / G103227 / 49385**Agency:** The Simons Foundation**Pass\_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 7/1/2011 to 8/31/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Classification of graph C\*-algebras

---

**COLLEGE OF OPTOMETRY****Optometry Vision Sciences****Investigator:** Burns, Alan Dr. 100%**Award Amount:** \$29,675.00**Cost Center:** 00730 / 5015 / H0114 / B0001 / G110350 / 57684**Agency:** University of Texas Health Science Center at Houston**Pass\_Thru Agency:** National Eye Institute**Agency Type:** FEDERAL**Duration:** 5/1/2015 to 4/30/2016**CFDA:** 93.867 Vision Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Houston Area Vision Training Program 2015(Hargrave)

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

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

**Investigator:** Burns, Alan Dr. 100%  
**Award Amount:** \$167,227.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G110632 / 58116  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** National Eye Institute  
**Agency Type:** FEDERAL  
**Duration:** 9/30/2015 to 9/29/2016  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** (Baylor/Smith) Ocular Surface Injury: Inflammatory Cascade and Healing of Corneal Wounds

---

**COLLEGE OF PHARMACY****Institute for Drug Education and Research**

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$10,323.00  
**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

---

**Pharmacological and Pharmaceutical Sciences**

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$10,323.00  
**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

---

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

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

**Investigator:** Myers, Michael Dr. 100%  
**Award Amount:** \$67,146.00  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / C107577 / 55176  
**Agency:** ConocoPhillips  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2014 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of a Quantitative Petrographic Interpretation (QPI) System

---

**Investigator:** Economou, Demetre J. Dr. 50%  
**Award Amount:** \$98,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G098399 / 45821  
**Agency:** University of Michigan  
**Pass\_Thru Agency:** U.S. Department of Energy - Office of Science  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2009 to 8/14/2016  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** PLASMA SCIENCE CENTER: Predictive Control of Plasma Kinetics: Multi-Phase and Bounded Systems

---

**Investigator:** Donnelly, Vincent Dr. 50%  
**Award Amount:** \$98,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G098399 / 45821  
**Agency:** University of Michigan  
**Pass\_Thru Agency:** U.S. Department of Energy - Office of Science  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2009 to 8/14/2016  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** PLASMA SCIENCE CENTER: Predictive Control of Plasma Kinetics: Multi-Phase and Bounded Systems

---

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

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

**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5021 / H0070 / B0001 / C110335 / 57686  
**Agency:** TIRR Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 7/1/2015 to 6/30/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Smart Powered Exoskeleton for Children with Lower Body Paralysis

---

**Investigator:** Pan, Miao Dr. 100%  
**Award Amount:** \$167,568.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110994 / 58471  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/23/2015 to 7/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: SpecMax: Spectrum Trading and Harvesting Designs for Multi-Hop Communications in Cognitive Radio Networks

---

**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5021 / H0070 / B0001 / C110395 / 58466  
**Agency:** TIRR Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2015 to 8/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multi-session stability and anatomical sources of EEG signals for a brain-machine interface to a lower-body powered exoskeleton for SCI survivors

---

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

**CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**Investigator:** Song, Gangbing Dr. 100%  
**Award Amount:** \$18,910.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C110975 / 58484  
**Agency:** Cameron  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2015 to 10/1/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impedance based real time bolt pre-load monitoring of flanged structures using smart piezoceramic tape

---

**Investigator:** Song, Gangbing Dr. 100%  
**Award Amount:** \$33,071.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C110736 / 58452  
**Agency:** OneSubsea LLC  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/30/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Numerical evaluation of the impact and optimal location of flow meter on a jumper and feasibility study of associated vibration mitigation using PTMD

---

**Investigator:** Song, Gangbing Dr. 100%  
**Award Amount:** \$49,531.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C110373 / 58423  
**Agency:** OneSubsea LLC  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 5/1/2015 to 4/30/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** To conduct Test of PTMD Control of a Jumper in NASA JSC's NBL and To Perform Post-Test Data Analysis

---

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

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

**Investigator:** Fletcher, Jack Dr. 45%  
**Award Amount:** \$758,727.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2011 to 11/30/2016  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Learning Disabilities Research Center

---

**Investigator:** Alfano, Candice Dr. 42%  
**Award Amount:** \$21,000.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G108758 / 56643  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/13/2014 to 11/12/2017  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS

---

**Investigator:** Francis, David Dr. 12%  
**Award Amount:** \$202,327.20  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2011 to 11/30/2016  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Learning Disabilities Research Center

---

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

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

**Investigator:** Cirino, Paul Dr. 12%  
**Award Amount:** \$202,327.20  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G103717 / 49978  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2011 to 11/30/2016  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Learning Disabilities Research Center

---

**GRADUATE COLLEGE OF SOCIAL WORK****Child & Family for Innovative Research**

**Investigator:** Dearing, Ronda Dr. 100%  
**Award Amount:** \$17,640.00  
**Cost Center:** 00730 / 5013 / H0509 / B0001 / G110931 / 58475  
**Agency:** State University of New York - Buffalo  
**Pass\_Thru Agency:** National Institute on Alcohol Abuse and Alcoholism  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2015 to 3/31/2016  
**CFDA:** 93.273 Alcohol Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Enhancing Therapeutic Alliances in Alcoholism Treatment

---

**Investigator:** Narendorf, Sarah Dr. 100%  
**Award Amount:** \$55.56  
**Cost Center:** 00730 / 5021 / H0509 / B0100 / C108516 / 55537  
**Agency:** Greater Houston Community Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 6/1/2014 to 6/30/2015  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Homeless Youth Count & Survey in Houston/Harris County

---



# UNIVERSITY OF HOUSTON

## Division of Research

### New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during DECEMBER

#### VICE PRESIDENT FOR ADMINISTRATION

##### KUHF - Radio

**Investigator:** Shumate, Lisa Trapani Ms. 100%

**Award Amount:** \$646,432.00

**Cost Center:** 00730 / 5021 / H0018 / C0001 / C111013 / 58432

**Agency:** Corporation for Public Broadcasting

**Pass\_Thru Agency:**

**Agency Type:** NON PROFIT

**Duration:** 10/1/2015 to 9/30/2017

**CFDA:**

**CB Designation:** Non Research

**Project Type:** Grant - Public Service

**Project Title:** Radio Community Service Grant 2016

---

##### KUHT-TV

**Investigator:** Shumate, Lisa Trapani Ms. 100%

**Award Amount:** \$1,661,421.00

**Cost Center:** 00730 / 5021 / H0436 / C0001 / C111014 / 58435

**Agency:** Corporation for Public Broadcasting

**Pass\_Thru Agency:**

**Agency Type:** NON PROFIT

**Duration:** 10/1/2015 to 9/30/2017

**CFDA:**

**CB Designation:** Non Research

**Project Type:** Grant - Public Service

**Project Title:** Television Community Service Grant 2016

---

# UNIVERSITY OF HOUSTON

## Division of Research

### New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during DECEMBER

#### VICE PRESIDENT FOR ADMINISTRATION

##### KUHT-TV

**Investigator:** Shumate, Lisa Trapani Ms. 100%

**Award Amount:** \$30,469.00

**Cost Center:** 00730 / 5021 / H0436 / C0001 / C111012 / 58434

**Agency:** Corporation for Public Broadcasting

**Pass\_Thru Agency:**

**Agency Type:** NON PROFIT

**Duration:** 10/1/2015 to 9/30/2016

**CFDA:**

**CB Designation:** Non Research

**Project Type:** Grant - Public Service

**Project Title:** Television Interconnection Grant 2016

---

#### REPORTING PERIOD ACTIVITY SUMMARY

**Federal Funding:** \$3,175,601.00

**State Funding:** \$163,111.00

**Local Funding:** \$0.00

**Profit Funding:** \$378,658.00

**Non Profit Funding:** \$2,343,322.00

**Foundation Funding:** \$87,055.56

**University Funding:** \$37,800.00

**Total:** **\$6,185,547.56**