

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

COLLEGE OF EDUCATION**Consistency Mgmt and Coop Disc**

Investigator: Freiberg, H. Jerome Dr. 100%
Award Amount: \$4,550.00
Cost Center: 00730 / 5019 / H0063 / B0100 / C108780 / 56522
Agency: Harris County Department of Education
Pass_Thru Agency:
Agency Type: LOCAL
Duration: 10/22/2014 to 12/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Harris County Department of Education - Head Start program 2014-2015

Educational Psychology

Investigator: Carey, Sharon L. Dr. 50%
Award Amount: \$39,250.00
Cost Center: 00730 / 5021 / H0064 / C0001 / G108970 / 56323
Agency: EveryChild, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2015
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Family Based Alternatives Project

Investigator: Townsend, Shelley Ms. 50%
Award Amount: \$39,250.00
Cost Center: 00730 / 5021 / H0064 / C0001 / G108970 / 56323
Agency: EveryChild, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2015
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Family Based Alternatives Project

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**Blaffer Gallery****Investigator:** Schmuckli, Claudia Ms. 100%**Award Amount:** \$14,000.00**Cost Center:** 00730 / 5016 / H0097 / C0001 / C108315 / 56530**Agency:** Texas Commission on the Arts**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 8/31/2015**CFDA:****CB Designation:** Non Research**Project Type:** Grant - Public Service**Project Title:** Arts Create Yr 2

Health and Human Performance**Investigator:** Layne, Charles S. Dr. 100%**Award Amount:** \$20,000.00**Cost Center:** 00730 / 5013 / H0065 / B0001 / G105384 / 52168**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/31/2012 to 7/30/2015**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** University of Houston SLS Graduate Research Stipend (ST-II)

Psychology**Investigator:** Lu, Qian Dr. 100%**Award Amount:** \$1,000.00**Cost Center:** 00730 / 5021 / H0125 / B0100 / C109407 / 56544**Agency:** American Psychological Association**Pass_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 12/1/2014 to 11/30/2015**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Adjustment to Caregiving among Chinese Husbands of Women with Breast Cancer: Application of the Stress and Coping Model

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during DECEMBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

Investigator: Leasure, J. Leigh Dr. 100%
Award Amount: \$23,286.00
Cost Center: 00730 / 5016 / H0125 / B0001 / G105390 / 56339
Agency: Baylor College of Medicine
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 3/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Blocking TNFRI Increases Tumor Radiosensitivity and Ameliorates Radiation-Induced Cognitive Impairments

Investigator: Zvolensky, Michael Dr. 100%
Award Amount: \$1,000.00
Cost Center: 00730 / 5021 / H0125 / B0100 / C109356 / 56529
Agency: American Psychological Association
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 12/1/2014 to 11/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Anxiety Sensitivity and Smoking Topography: A Multi-Method Experimental Investigation

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

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$45,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G109264 / 56446
Agency: Sanford-Burnham Institute of Medical Research
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 8/30/2014 to 3/31/2015
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: microRNAs and integrative control of cardiopoiesis

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Moeller, Angela Dr. 50%
Award Amount: \$42,608.50
Cost Center: 00730 / 5013 / H0107 / B0001 / G104098 / 50130
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/15/2012 to 12/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Low-Dimensional Spin Systems: Interplay of Chemical Pressure on Triangular Lattices with Spin- and Orbital Degrees of Freedom

Investigator: Lubchenko, Vassiliy Dr. 50%
Award Amount: \$94,999.50
Cost Center: 00730 / 5013 / H0107 / B0001 / G105354 / 52177
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2012 to 11/30/2015
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Kinetically stabilized mesoscopic aggregates of proteins

Investigator: Lee, T. Randall Dr. 60%
Award Amount: \$252,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G107706 / 56507
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2014 to 10/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Stable But Conflicted Interfaces

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Chapman, Barbara M. Dr. 50%**Award Amount:** \$70,000.00**Cost Center:** 00730 / 5021 / H0246 / B0001 / G106248 / 53943**Agency:** UT-Battelle, LLC**Pass_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 11/1/2012 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** OpenSHMEM Support

Investigator: Pandurangan, Gopal Mr. 100%**Award Amount:** \$13,000.00**Cost Center:** 00730 / 5021 / H0108 / B0001 / C109143 / 56427**Agency:** United States - Israel Binational Science Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 9/1/2014 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Distributed Approximation Algorithms

Earth & Atmospheric Sciences**Investigator:** Han, De-Hua Dr. 100%**Award Amount:** \$80,000.00**Cost Center:** 00730 / 5022 / H0109 / B0001 / C106965 / 53599**Agency:** Various Private Profit Agencies**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

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Kuznetsov, Yuri Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5043 / H0110 / B0001 / G108993 / 56362
Agency: Los Alamos National Laboratories
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2014 to 9/30/2015
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Develop and Investigate Coarsening and Homogenization Algorithms for Mimetic Discretizations of the Diffusion Equations

Physics

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$34,887.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106942 / 53260
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Office of Scientific Research
Agency Type: FEDERAL
Duration: 5/3/2013 to 5/4/2015
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: High-Bandwidth Laser-Based Measurements and Modeling for Thermo-acoustic Instabilities in High-Pressure Combustors for Aerospace Fuels and Emerging Alternatives

Investigator: Bellwied, Rene Dr. 50%
Award Amount: \$240,500.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107154 / 54314
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2013 to 11/14/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Selected Problems in Relativistic Heavy Ion Physics in ALICE at the LHC - Renewal

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Pinsky, Lawrence S. Dr. 25%
Award Amount: \$120,250.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107154 / 54314
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2013 to 11/14/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Selected Problems in Relativistic Heavy Ion Physics in ALICE at the LHC - Renewal

Investigator: Pinsky, Lawrence S. Dr. 100%
Award Amount: \$31,750.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G108589 / 56485
Agency: Planetary Science Institute
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/19/2014 to 9/18/2016
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Deep Mapping of Small Solar System Bodies with Galactic Cosmic Ray Secondary Particle Showers - Phase II

Investigator: Weglein, Arthur Dr. 100%
Award Amount: \$49,700.00
Cost Center: 00730 / 5022 / H0112 / B0001 / C106694 / 52863
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2013 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Mission-Oriented Seismic Research Program

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during DECEMBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$242,783.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 4/30/2015
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

Investigator: Pinsky, Lawrence S. Dr. 100%
Award Amount: \$36,744.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G109378 / 56484
Agency: Planetary Science Institute
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/19/2014 to 9/18/2016
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Deep Mapping of Small Solar System Bodies with Galactic Cosmic Ray Secondary Particle Showers - Phase II

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$88,664.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106940 / 54078
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Office of Scientific Research
Agency Type: FEDERAL
Duration: 9/9/2013 to 9/7/2015
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: SBIR: Spatiotemporal Dynamical System Analysis Tools for Very Large Data Sets

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2015 - Received during DECEMBER

COLLEGE OF OPTOMETRY**Optometry Vision Sciences**

Investigator: Nichols, Jason Dr. 100%
Award Amount: \$1,505.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C107773 / 54541
Agency: Alcon Research Limited
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2014 to 12/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A01337: Effectiveness of a Marketed One-Step Peroxide Lens Care Solution in Symptomatic Contact Lens Wearers

COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Zouridakis, George Dr. 100%
Award Amount: \$60,911.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G109171 / 56374
Agency: Huntington Medical Research Institutes (HMRI)
Pass_Thru Agency: U.S. Army Medical Research Acquisition Activity
Agency Type: FEDERAL
Duration: 6/1/2014 to 5/31/2015
CFDA: 12.420 Military Medical Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Neural Connectivity Networks in Mild Traumatic Brain Injury

Investigator: Gurkan, Deniz Dr. 100%
Award Amount: \$135,628.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G108600 / 55769
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2014 to 9/30/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: EAGER: Programmable Network Function Instantiation

COLLEGE OF TECHNOLOGY

Human Development and Consumer Science

Investigator: Hines, Andrew Dr. 100%
Award Amount: \$24,279.48
Cost Center: 00730 / 5043 / H0140 / A0001 / G109028 / 56110
Agency: U.S. Marines Corps
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/22/2014 to 9/26/2014
CFDA: 12.000 DEPARTMENT OF DEFENSE
CB Designation: Non Research
Project Type: Contract - Instruction
Project Title: Strategic Foresight Training

CULLEN COLLEGE OF ENGINEERING

Biomedical Engineering

Investigator: Shevkoplyas, Sergey Dr. 100%
Award Amount: \$49,179.00
Cost Center: 00730 / 5013 / H0071 / B0001 / C108471 / 56622
Agency: Halcyon Biomedical Inc
Pass_Thru Agency: National Heart, Lung, and Blood Institute
Agency Type: FEDERAL
Duration: 11/1/2014 to 10/31/2015
CFDA: 93.839 Blood Diseases and Resources Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing a paper-based diagnostic test for sickle cell disease

Investigator: Shevkoplyas, Sergey Dr. 100%
Award Amount: \$338,625.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G107605 / 54523
Agency: National Heart, Lung, and Blood Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 12/31/2017
CFDA: 93.839 Blood Diseases and Resources Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Eliminating Mediators of Toxicity from Stored Blood

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Krishnamoorti, Ramanan Dr. 100%**Award Amount:** \$160,000.00**Cost Center:** 00730 / 5022 / H0067 / B0001 / C109426 / 56563**Agency:** ExxonMobil Chemical Company**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 12/1/2014 to 11/30/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Surface Roughness of Santoprene Elastomer

Investigator: Balakotaiah, Vemuri Dr. 100%**Award Amount:** \$50,000.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106992 / 54688**Agency:** NASA - National Aeronautics and Space Administration - 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

Investigator: Vekilov, Peter Dr. 50%**Award Amount:** \$94,999.50**Cost Center:** 00730 / 5013 / H0107 / B0001 / G105354 / 52177**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 12/1/2012 to 11/30/2015**CFDA:** 47.074 Biological Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Kinetically stabilized mesoscopic aggregates of proteins

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Shrestha, Ramesh Dr. 60%
Award Amount: \$146,887.20
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2015
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

Investigator: Glennie, Craig Dr. 20%
Award Amount: \$48,962.40
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2015
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

Investigator: Carter, William Dr. 20%
Award Amount: \$48,962.40
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2015
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during DECEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Belarbi, Abdeldjelil Dr. 25%**Award Amount:** \$26,314.50**Cost Center:** 00730 / 5016 / H0068 / B0001 / G109042 / 56133**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 8/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Vipulanandan, Cumaraswamy D|25%**Award Amount:** \$26,314.50**Cost Center:** 00730 / 5016 / H0068 / B0001 / G109042 / 56133**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 8/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Carter, William Dr. 20%**Award Amount:** \$17,207.40**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Glennie, Craig Dr. 20%**Award Amount:** \$17,207.40**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

Investigator: Shrestha, Ramesh Dr. 60%**Award Amount:** \$51,622.20**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

Investigator: Lee, Hyongki Dr. 100%**Award Amount:** \$48,194.00**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106490 / 54168**Agency:** Ohio State University**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center**Agency Type:** FEDERAL**Duration:** 9/5/2013 to 9/3/2015**CFDA:** 43.001 Aerospace Education Services Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Improved Quantification of Global Mountain Glacier Mass Balance Estimate

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Glennie, Craig Dr. 15%
Award Amount: \$35,972.55
Cost Center: 00730 / 5021 / H0070 / B0001 / G105128 / 51968
Agency: Gulf of Mexico Alliance, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2012 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Novel sensor system for the early detection and monitoring of offshore oil spills

Investigator: Dawood, Mina Dr. 50%
Award Amount: \$52,629.00
Cost Center: 00730 / 5016 / H0068 / B0001 / G109042 / 56133
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2014 to 8/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Repair Systems for Deteriorated Bridge Piles

Electrical & Computer Engineering

Investigator: Han, Zhu Dr. 15%
Award Amount: \$35,972.55
Cost Center: 00730 / 5021 / H0070 / B0001 / G105128 / 51968
Agency: Gulf of Mexico Alliance, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2012 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Novel sensor system for the early detection and monitoring of offshore oil spills

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during DECEMBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

Investigator: Shih, Wei-Chuan Dr. 70%
Award Amount: \$167,871.90
Cost Center: 00730 / 5021 / H0070 / B0001 / G105128 / 51968
Agency: Gulf of Mexico Alliance, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2012 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Novel sensor system for the early detection and monitoring of offshore oil spills

Investigator: Han, Zhu Dr. 100%
Award Amount: \$38,391.00
Cost Center: 00730 / 5021 / H0070 / B0001 / G103074 / 52369
Agency: Qatar National Research Fund
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 4/1/2012 to 3/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Context Aware Framework for Optimized Network Management in 4G Wireless Systems

Industrial Engineering

Investigator: Lim, Gino Jinho Dr. 100%
Award Amount: \$4,757.00
Cost Center: 00730 / 5016 / H0072 / B0100 / G105789 / 52052
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Four- and Five-Dimensional Robustness Quantification and Adaptive 4D Robust Optimization of Intensity-Modulated Proton Therapy for Lung Cancers

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2015 - Received during DECEMBER

DIVISION OF RESEARCH**Center for Advanced Computing and Data Systems**

Investigator: Pinsky, Lawrence S. Dr. 25%
Award Amount: \$120,250.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107154 / 54314
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2013 to 11/14/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Selected Problems in Relativistic Heavy Ion Physics in ALICE at the LHC - Renewal

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$242,783.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 4/30/2015
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$70,000.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G106248 / 53943
Agency: UT-Battelle, LLC
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 11/1/2012 to 12/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: OpenSHMEM Support

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2015 - Received during DECEMBER

DIVISION OF RESEARCH

Division of Research

Investigator: Colbert-Delcour, Anne Dr. 100%
Award Amount: \$55,000.00
Cost Center: 00730 / 5013 / H0233 / H0001 / G101855 / 49283
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/15/2011 to 6/30/2016
CFDA: 47.076 Education and Human Resources
CB Designation: Non Research
Project Type: Grant - Scholarship/Fellowship
Project Title: Graduate Research Fellowship Program-Master

TcSUH

Investigator: Lee, T. Randall Dr. 40%
Award Amount: \$168,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G107706 / 56507
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2014 to 10/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Stable But Conflicted Interfaces

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during DECEMBER

DIVISION OF RESEARCH

TcSUH

Investigator: Moeller, Angela Dr. 50%

Award Amount: \$42,608.50

Cost Center: 00730 / 5013 / H0107 / B0001 / G104098 / 50130

Agency: National Science Foundation

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 1/15/2012 to 12/31/2016

CFDA: 47.049 Mathematical and Physical Sciences

CB Designation: Restricted Research

Project Type: Grant - Research

Project Title: CAREER: Low-Dimensional Spin Systems: Interplay of Chemical Pressure on Triangular Lattices with Spin- and Orbital Degrees of Freedom

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$3,071,492.48

State Funding: \$147,301.00

Local Funding: \$4,550.00

Profit Funding: \$291,205.00

Non Profit Funding: \$460,317.00

Foundation Funding: \$51,391.00

University Funding: \$0.00

Total: \$4,026,256.48