### COLLEGE OF EDUCATION

#### Consistency Mgmt and Coop Disc

**Investigator:** Freiberg, H. Jerome Dr.  
**Award Amount:** $615,728.33  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

#### Educational Psychology

**Investigator:** Horn, Catherine Dr.  
**Award Amount:** $140,877.00  
**Cost Center:** 00730 / 5013 / H0064 / H0001 / G104866 / 51970  
**Agency:** U.S. Department of Education  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/16/2012 to 8/15/2015  
**CFDA:** 84.200 Graduate Assistance in Areas of National Need  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Fellowships in Educational Evaluation, Research, and Statistics (FEERS)
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Communication Disorders

Investigator: Bunta, Ferenc Dr. 96%
Award Amount: $144,480.00
Cost Center: 00730 / 5013 / H0087 / B0001 / G105999 / 53505
Agency: National Institute on Deafness and Other Communication Disorders
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 8/1/2013 to 7/31/2016
CFDA: 93.173 Research Related to Deafness and Communication Disorders
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Phonological acquisition in bilingual children with cochlear implants

Cynthia Woods Mitchell Center for the Arts

Investigator: Farber, Karen Ms. 100%
Award Amount: $240,000.00
Cost Center: 00730 / 5022 / H0473 / B0100 / C107485 / 54624
Agency: Association of Performing Arts Presenters
Pass_Thru Agency: PROFIT
Agency Type: Duration: 1/1/2014 to 1/31/2016
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: INTERSECTIONS

Psychology

Investigator: Francis, David Dr. 2%
Award Amount: $17,344.46
Cost Center: 00730 / 5013 / H0063 / B0001 / G107513 / 55526
Agency: U.S. Department of Education
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 7/1/2014 to 6/30/2015
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools
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**Psychology**

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### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

**Psychology**

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**Project Type:** Restricted Research

**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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**Project Type:** Restricted Research

**Project Title:** Phonological acquisition in bilingual children with cochlear implants

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**Project Type:** Non Restricted Research

**Project Title:** Panic-Relevant Sensations and Smoking Motivation
**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

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| **Investigator:** Pennings, Steve Dr. | 50% |
| **Award Amount:** $153,551.00 |
| **Cost Center:** 00730 / 5015 / H0104 / B0001 / G107110 / 55696 |
| **Agency:** Texas A&M University |
| **Pass_Thru Agency:** U.S. Department of Commerce - National Oceanic and Atmospheric Administration |
| **Agency Type:** FEDERAL |
| **Duration:** 2/1/2014 to 1/31/2015 |
| **CFDA:** 00730 / 5015 / H0104 / B0001 / G107110 / 55696 |
| **C B Designation:** Restricted Research |
| **Project Type:** Co-Op Agreement - Research |
| **Project Title:** Mangroves are invading Texas salt marshes: what are the consequences? |
UNIVERSITY OF HOUSTON
Division of Research
New/ Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during JULY

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Gilbertson, Scott Dr. 100%
Award Amount: $255,590.00
Cost Center: 00730 / 5015 / H0107 / B0001 / G108384 / 55210
Agency: University of Texas Medical Branch at Galveston
Pass_ Thru Agency: National Institute on Drug Abuse
Agency Type: FEDERAL
Duration: 5/1/2014 to 4/30/2015
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: NOVEL PROBES FOR THE STUDY OF 5-HT2AR: 5-HT2CR BALANCE AND DIMERIZATION - year 2

Investigator: Hoffman, David M. Dr. 62.5%
Award Amount: $1,662,500.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C107492 / 55556
Agency: The Welch Foundation
Pass_ Thru Agency: FOUNDATION
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2019
CFDA: 
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Center of Excellence in Polymer Chemistry

Investigator: Yang, Ding-Shyue Prof. 100%
Award Amount: $55,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G107689 / 55674
Agency: American Chemical Society
Pass_ Thru Agency: NON PROFIT
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2016
CFDA: 
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Direct Visualization of Interfacial Energy-Transfer and Charge-Transfer Dynamics of Thin Ionic Liquid Films by Ultrafast Electron Imaging
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Lee, T. Randall Dr. 60%
Award Amount: $36,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / C108389 / 55592
Pass_Thru Agency: FEDERAL
Agency Type: Restricted Research
Duration: 6/25/2014 to 12/24/2015
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Project Type: Project Title:
Metal Nanoshells for Plasmonically Enhanced Solar-to-Fuel Photocatalytic Conversion

Investigator: Bittner, Eric R. Dr. 100%
Award Amount: $280,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G107454 / 55596
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Restricted Research
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Project Type: Theory and models for electronic dynamics in organic type II semiconductors.

Computer Science

Investigator: Kakadiaris, Ioannis Dr. 16%
Award Amount: $12,574.08
Cost Center: 00730 / 5013 / H0110 / B0001 / G106180 / 53725
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Restricted Research
Duration: 8/1/2013 to 7/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Project Type: Project Title:
Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Hall, Stuart A. Dr.
Award Amount: $8,250.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C107283 / 55458
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Agency Type: Duration: 6/1/2014 to 5/31/2015
CFDA: 00730 / 5022 / H0109 / B0001 / C107283 / 55458

CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

Investigator: Murphy, Michael Dr.
Award Amount: $8,500.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C107283 / 55458
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Agency Type: Duration: 6/1/2014 to 5/31/2015
CFDA: 00730 / 5022 / H0109 / B0001 / C107283 / 55458

CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

Investigator: Han, De-Hua Dr.
Award Amount: $40,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C106965 / 53599
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Agency Type: Duration: 5/30/2013 to 12/31/2020
CFDA: 00730 / 5022 / H0109 / B0001 / C106965 / 53599

CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Fluid & Rock Properties and Seismic Hydrocarbon Indicators
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Snow, Jonathan Dr.
Award Amount: $8,250.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C107283 / 55458
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Duration: 6/1/2014 to 5/31/2015
CFDA: 00730 / 5022 / H0109 / B0001 / C107283 / 55458
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

Mathematics

Investigator: Labate, Demetrio Dr.
Award Amount: $25,148.16
Cost Center: 00730 / 5013 / H0110 / B0001 / G106180 / 53725
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 8/1/2013 to 7/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

Investigator: Ott, William Dr.
Award Amount: $188,000.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G107839 / 55557
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 7/1/2014 to 6/30/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Delay dynamics: biochemical importance, large deviations, and statistical coherence
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Gorb, Yuliya Dr. 100%
Award Amount: $62,647.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G107263 / 55558
Agency: National Science Foundation
Pass_Thru Agency: Agency Type: FEDERAL
Duration: 8/1/2014 to 7/31/2019
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Multiscale Modeling, Analysis and Simulation for High Contrast Media

Investigator: Auchmuty, James F. G. Dr. 100%
Award Amount: $50,385.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G108245 / 55635
Agency: National Science Foundation
Pass_Thru Agency: Agency Type: FEDERAL
Duration: 6/1/2014 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Steklov Spectra and Div-curl Analysis - supplement

Investigator: Papadakis, Emanuel Dr. 36%
Award Amount: $28,291.68
Cost Center: 00730 / 5013 / H0110 / B0001 / G106180 / 53725
Agency: National Science Foundation
Pass_Thru Agency: Agency Type: FEDERAL
Duration: 8/1/2013 to 7/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging
**Physics**

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<td>9/1/2010 to 8/31/2015</td>
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<td>Grant - Research</td>
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<td>Restricted Research</td>
<td>Grant - Research</td>
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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Weglein, Arthur Dr. 100%
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Cost Center: 00730 / 5022 / H0112 / B0001 / C106694 / 52863
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFlT
Agency Type: Duration: 1/1/2013 to 12/31/2014
CFDA: 00730 / 5012 / H0112 / B0001 / G101368 / 52863
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Mission-Oriented Seismic Research Program

Investigator: Pinsky, Lawrence S. Dr. 100%
Award Amount: $39,638.00
Cost Center: 00730 / 5016 / H0112 / B0001 / G108055 / 55068
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: STATE
Agency Type: Duration: 2/1/2014 to 1/31/2015
CFDA: 00730 / 5013 / H0114 / B0001 / G102705 / 49271
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Implementation of radiosensitive gel to verify dose distributions for MR-guided treatment delivery systems

COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Smith III, Earl L. Dr. 100%
Award Amount: $367,500.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G102705 / 49271
Agency: National Institutes of Health
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 8/1/2011 to 7/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Optically Induced Anisometropia
### Optometry, Community

**Investigator:** Smith III, Earl L. Dr.  
**Award Amount:** $184,860.00  
**Cost Center:** 00730 / 5021 / H0114 / B0001 / G090297 / 35093  
**Agency:** Brien Holden Vision Institute  
**Pass_Thru Agency:** UNIVERSITY  
**Agency Type:**  
**Duration:** 6/1/2004 to 6/30/2015  
**CFDA:** 00730 / 5021 / H0114 / B0001 / G090297 / 35093  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Optical Intervention

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**Investigator:** Smith III, Earl L. Dr.  
**Award Amount:** $102,000.00  
**Cost Center:** 00730 / 5021 / H0114 / B0001 / G106923 / 53765  
**Agency:** Brien Holden Vision Institute  
**Pass_Thru Agency:** UNIVERSITY  
**Agency Type:**  
**Duration:** 7/1/2013 to 6/30/2015  
**CFDA:** 00730 / 5013 / H0114 / B0001 / G106923 / 53765  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Optical Intervention - Supplement

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**Investigator:** Frishman, PhD, Laura J. Dr.  
**Award Amount:** $602,000.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G108713 / 55658  
**Agency:** National Eye Institute  
**Pass_Thru Agency:** FEDERAL  
**Agency Type:**  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 93.867  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CENTER CORE GRANT FOR VISION RESEARCH - Year 27
COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Ostrin, Lisa Dr. 100%
Award Amount: $165,283.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G107383 / S4545
Agency: National Eye Institute
Pass_Thru Agency: FEDERAL
Agency Type: Federal
Duration: 8/1/2013 to 7/31/2017
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural and Functional Changes in Myopia and Susceptibility to Glaucoma

COLLEGE OF PHARMACY

Clinical Sciences and Administration

Investigator: Fleming, Marc Dr. 100%
Award Amount: $4,000.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C107312 / S4375
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Pfizer, Inc.
Agency Type: PROFIT
Duration: 10/16/2013 to 11/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Emergency Department Pain Registry: Impact Evaluation of the 2012 American College of Physicians Opioid Prescribing Guidelines

Investigator: Garey, Kevin Dr. 100%
Award Amount: $83,076.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C107660 / S4785
Agency: Cubist Pharmaceuticals
Pass_Thru Agency: PROFIT
Agency Type: PROFIT
Duration: 12/4/2013 to 11/14/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A RANDOMIZED, DOUBLE-BLINDED, ACTIVE-CONTROLLED STUDY OF CB-183,315 IN PATIENTS WITH CLOSTRIDIUM DIFFICILE ASSOCIATED DIARRHEA
### COLLEGE OF PHARMACY

#### Heart and Kidney Institute

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| Investigator          | Banday, Anees Ahmad Dr.    | 10%  |
| Award Amount          | $32,733.80                 |      |
| Cost Center           | 00730 / 5013 / H0117 / B0001 / G106060 / 53524 |      |
| Agency                | National Institute of Diabetes and Digestive and Kidney Diseases |      |
| Pass_Thru Agency      | FEDERAL                    |      |
| Agency Type           | FEDERAL                    |      |
| Duration              | 7/1/2013 to 6/30/2017      |      |
| CFDA                  | 93.847                     | Diabetes, Endocrinology and Metabolism Research |
| CB Designation        | Restricted Research        |      |
| Project Type          | Grant - Research           |      |
| Project Title         | Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress |      |

### Pharmacological and Pharmaceutical Sciences

| Investigator          | Banday, Anees Ahmad Dr.    | 10%  |
| Award Amount          | $32,733.80                 |      |
| Cost Center           | 00730 / 5013 / H0117 / B0001 / G106060 / 53524 |      |
| Agency                | National Institute of Diabetes and Digestive and Kidney Diseases |      |
| Pass_Thru Agency      | FEDERAL                    |      |
| Agency Type           | FEDERAL                    |      |
| Duration              | 7/1/2013 to 6/30/2017      |      |
| CFDA                  | 93.847                     | Diabetes, Endocrinology and Metabolism Research |
| CB Designation        | Restricted Research        |      |
| Project Type          | Grant - Research           |      |
| Project Title         | Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress |      |
COLLEGE OF PHARMACY

Pharmacological and Pharmaceutical Sciences

Investigator: Lokhandwala, Mustafa F. Dr. 40%
Award Amount: $130,935.20
Cost Center: 00730 / 5013 / H0117 / B0001 / G106060 / 53524
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 7/1/2013 to 6/30/2017
CFDA: 93.847 Diabetes, Endocrinology and Metabolism Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress

CULLEN COLLEGE OF ENGINEERING

Biomedical Engineering

Investigator: Larin, Kirill Dr. 100%
Award Amount: $388,129.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G103851 / 51329
Agency: National Eye Institute
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 6/1/2012 to 5/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Optical Coherence Elastography of the Cornea

Investigator: May, Elebeoba Dr. 100%
Award Amount: $300,000.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G108500 / 55642
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 7/1/2014 to 6/30/2016
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: EAGER: A Systems Biology Based Mathematical Abstraction for Programming Engineered Microbes
CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Varadarajan, Navin Dr.  95%
Award Amount: $434,644.95
Cost Center: 00730 / 5013 / H0067 / B0001 / G104904 / 51804
Agency: National Cancer Institute
Pass_Thru Agency: FEDERAL
Duration: 9/19/2012 to 6/30/2016
CFDA: 93.310    Trans-NIH Research Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantitative single-cell biomarkers of T-cells to optimize tumor immunotherapy

Investigator: Harold, Michael Dr.  37.5%
Award Amount: $997,500.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C107492 / 55556
Agency: The Welch Foundation
Pass_Thru Agency: FOUNDATION
Duration: 6/1/2014 to 5/31/2019
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Center of Excellence in Polymer Chemistry

Investigator: Conrad, Jacinta Prof.  100%
Award Amount: $13,414.06
Cost Center: 00730 / 5013 / H0067 / B0001 / G108654 / 55595
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency: FEDERAL
Duration: 5/1/2014 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: Conrad: Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N
CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Lee, Hyongki Dr. 100%
Award Amount: $23,157.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G107397 / 55536
Agency: Northeastern University
Agency Type: FEDERAL
Duration: 3/21/2014 to 3/20/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Decomposing the Water Storage Signal from Basins in Varied Climate Settings with Remote Sensing and Modeling

Investigator: Lee, Hyongki Dr. 100%
Award Amount: $83,308.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G107387 / 55633
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 4/28/2014 to 4/27/2017
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Estimating Two-Dimensional Surface Water Depths in the Congo Wetlands using Multiple Remote Sensing Measurements

Investigator: Carter, William Dr. 20%
Award Amount: $2,900.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G106637 / 53710
Agency: National Science Foundation
Pass_Thru Agency: National Science Foundation
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)
Civil Engineering

Investigator: Glennie, Craig Dr.  
Award Amount: $2,900.00  
Cost Center: 00730 / 5013 / H0068 / B0001 / G106637 / 53710  
Agency: National Science Foundation  
Pass_Thru Agency: 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.  
Award Amount: $8,700.00  
Cost Center: 00730 / 5013 / H0068 / B0001 / G106637 / 53710  
Agency: National Science Foundation  
Pass_Thru Agency: 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.  
Award Amount: $152,550.00  
Cost Center: 00730 / 5013 / H0068 / B0001 / G105108 / 51357  
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
Pass_Thru Agency: FEDERAL  
Duration: 5/26/2012 to 5/25/2016  
CFDA: 43.001 Aerospace Education Services Program  
CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: Enhancement of GRACE Temporal Gravity Field Solutions to Study Terrestrial Water Dynamics in the Congo Basin
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: $97,561.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104489 / 51850
Agency: Rice University
Pass_Thru Agency: National Institute of Health - Office of Extramural Research
Agency Type: FEDERAL
Duration: 8/1/2012 to 6/30/2015
CFDA: 93.853  Clinical Research Related to Neurological Disorders
Project Type: Restricted Research
Project Title: NRI-Small: Collaborative Research: BMI Control of a Therapeutic Exoskeleton to Facilitate Personalized Robotic Rehabilitation of the Upper Limb

Investigator: Kayali, Mohammad Dr. 20%
Award Amount: $12,000.00
Cost Center: 00730 / 5022 / H0070 / B0100 / C108687 / 55637
Agency: Micro Systems Engineering
Pass_Thru Agency: PROFIT
Agency Type: PROFIT
Duration: 1/1/2014 to 12/31/2014
Project Type: Restricted Research
Project Title: Addendum A to Consortium Membership - Center for Electromagnetic Compatibility Research

Investigator: Kayali, Mohammad Dr. 20%
Award Amount: $6,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / C106693 / 52848
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Agency Type: PROFIT
Duration: 2/1/2013 to 1/31/2020
Project Type: Restricted Research
Project Title: Membership - Center for Electromagnetic Compatibility Research
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Chen, Ji Dr.  80%
Award Amount: $24,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / C106693 / 52848
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Agency Type: Micro Systems Engineering
Duration: 2/1/2013 to 1/31/2020
CFDA: 00730 / 5022 / H0070 / B0100 / C108687 / 55637
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Membership - Center for Electromagnetic compatibility Research

Investigator: Chen, Ji Dr.  80%
Award Amount: $48,000.00
Cost Center: 00730 / 5022 / H0070 / B0100 / C108687 / 55637
Agency: Micro Systems Engineering
Pass_Thru Agency: PROFIT
Agency Type: Micro Systems Engineering
Duration: 1/1/2014 to 12/31/2014
CFDA: 00730 / 5022 / H0070 / B0100 / C108687 / 55637
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Addendum A to Consortium Membership - Center for Electromagnetic Compatibility Research

Investigator: Roysam, Badrinath Dr.  5%
Award Amount: $22,876.05
Cost Center: 00730 / 5013 / H0067 / B0001 / G104904 / 51804
Agency: National Cancer Institute
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/19/2012 to 6/30/2016
CFDA: 93.310  Trans-NIH Research Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantitative single-cell biomarkers of T-cells to optimize tumor immunotherapy
### Industrial Engineering

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### Mechanical Engineering

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CULLEN COLLEGE OF ENGINEERING

Mechanical Engineering

Investigator: Majkic, Goran Dr. 50%
Award Amount: $24,997.50
Cost Center: 00730 / 5022 / H0452 / B0001 / G099090 / 44962
Agency: Bruker Advanced Supercon
Pass_Thru Agency: PROFIT
Agency Type: Duration: 6/1/2009 to 12/31/2014
CFDA: 00730 / 5022 / H0452 / B0001 / G099090 / 44962
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evaluation of YBCO Coated Conductor Architectures

Investigator: Franchek, Matthew Dr. 50%
Award Amount: $50,625.00
Cost Center: 00730 / 5022 / H0073 / B0001 / C105780 / 52026
Agency: National Oilwell Varco, L.P.
Pass_Thru Agency: PROFIT
Agency Type: 8/15/2012 to 2/28/2015
CFDA: 00730 / 5022 / H0073 / B0001 / C105780 / 52026
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Erosion Analysis of Ram BOPs and Annulars in Operating Environments

DIVISION OF RESEARCH

Center for Advanced Computing and Data Systems

Investigator: Fox, George E. Dr. 10%
Award Amount: $14,079.10
Cost Center: 00730 / 5013 / H0104 / B0001 / G107122 / 55649
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency: FEDERAL
Agency Type: Duration: 7/1/2014 to 6/30/2017
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evolutionary History of the Translation Machinery
Center for Advanced Computing and Data Systems

Investigator: Kakadiaris, Ioannis Dr. 16%
Award Amount: $12,574.08
Cost Center: 00730 / 5013 / H0110 / B0001 / G106180 / S3725
Agency: National Science Foundation

Pass_Thru Agency: FEDERAL
Agency Type: Duration: 8/1/2013 to 7/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

Center for Neuromotor & Biomechanics Research

Investigator: Clarke, Mark Dr. 5%
Award Amount: $2,600.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center

Pass_Thru Agency: FEDERAL
Agency Type: Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

Investigator: O'Connor, Daniel Dr. 5%
Award Amount: $2,600.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center

Pass_Thru Agency: FEDERAL
Agency Type: Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity
### Center for Neuromotor & Biomechanics Research

**Investigator:** Lowder, Thomas Dr.  
**Award Amount:** $5,200.00  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  

**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/3/2011 to 11/2/2015  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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### Investigator: Simpson, Richard Dr.  
**Award Amount:** $41,600.00  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  

**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/3/2011 to 11/2/2015  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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### TcSUH

**Investigator:** Ren, Zhifeng Dr.  
**Award Amount:** $117,365.50  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G106779 / 53093  
**Agency:** Ohio State University  

**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2013 to 11/15/2014  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** MURI: Cryogenic Peltier Cooling
UNIVERSITY OF HOUSTON  
Division of Research  
New/Continuation Sponsored Research Grants and Contracts  
Fiscal Year 2014 - Received during JULY

DIVISION OF RESEARCH

TcSUH

**Investigator:** Lee, T. Randall Dr.  
**Award Amount:** $24,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / C108389 / 55592  
**Agency:** U.S. Air Force - Asian Office of Aerospace Research & Development  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/25/2014 to 12/24/2015  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Metal Nanoshells for Plasmonically Enhanced Solar-to-Fuel Photocatalytic Conversion

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**Investigator:** Majkic, Goran Dr.  
**Award Amount:** $24,997.50  
**Cost Center:** 00730 / 5022 / H0452 / B0001 / G099090 / 44962  
**Agency:** Bruker Advanced Supercon  
**Pass_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2009 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evaluation of YBCO Coated Conductor Architectures

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TIMES

**Investigator:** Francis, David Dr.  
**Award Amount:** $60,705.61  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools
<table>
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<tr>
<th>Investigator</th>
<th>Award Amount</th>
<th>Cost Center</th>
<th>Agency</th>
<th>Agency Type</th>
<th>Duration</th>
<th>CFDA</th>
<th>Project Type</th>
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<td>Carlson, Coleen Dr.</td>
<td>$138,755.68</td>
<td>00730 / 5013 / H0063 / B0001 / G107513 / 55526</td>
<td>U.S. Department of Education</td>
<td>FEDERAL</td>
<td>7/1/2014 to 6/30/2015</td>
<td>84.305 National Institute on Student Achievement, Curriculum and Assessment</td>
<td>Restricted Research</td>
<td>Consistency Management &amp; Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools</td>
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<td>Mehta, Paras Dr.</td>
<td>$8,857.10</td>
<td>00730 / 5013 / H0288 / B0001 / G108467 / 55444</td>
<td>Michael E. DeBakey Veterans Affairs Medical Center</td>
<td>FEDERAL</td>
<td>4/1/2014 to 9/30/2014</td>
<td>27.011 Intergovermental Personnel Act (IPA) Mobility Program</td>
<td>Restricted Research</td>
<td>Peer Facilities VISN Contract FY 14-15 - Sonya Stokes</td>
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<td>Mehta, Paras Dr.</td>
<td>$9,905.70</td>
<td>00730 / 5043 / H0288 / B0001 / G108407 / 55410</td>
<td>Michael E. DeBakey Veterans Affairs Medical Center</td>
<td>FEDERAL</td>
<td>4/1/2014 to 9/30/2014</td>
<td>27.011 Intergovermental Personnel Act (IPA) Mobility Program</td>
<td>Restricted Research</td>
<td>Peer Facilities VISN Contract FY 14-15</td>
</tr>
</tbody>
</table>
UNIVERSITY OF HOUSTON
Division of Research
New/ Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during JULY

GRADUATE COLLEGE OF SOCIAL WORK

Child & Family for Innovative Research

Investigator: Cheung, Monit Dr.  25%
Award Amount: $206,167.99
Cost Center: 00730 / 5015 / H0509 / B0100 / C108501 / 55583
Agency: Texas Department of Family and Protective Services
Pass_Thru Agency: Department of Health and Human Services
Agency Type: FEDERAL
Duration: 6/1/2014 to 6/30/2015
CFDA: 93.658 Foster Care
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Companion Project for National Center for Child Welfare Curriculum Development Child Welfare Education
Project-HHS-2013-ACF-ACYF-CT-0595

Investigator: Bordnick, Patrick Dr.  75%
Award Amount: $618,503.96
Cost Center: 00730 / 5015 / H0509 / B0100 / C108501 / 55583
Agency: Texas Department of Family and Protective Services
Pass_Thru Agency: Department of Health and Human Services
Agency Type: FEDERAL
Duration: 6/1/2014 to 6/30/2015
CFDA: 93.658 Foster Care
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Companion Project for National Center for Child Welfare Curriculum Development Child Welfare Education
Project-HHS-2013-ACF-ACYF-CT-0595

Investigator: Torres-Hostos, Luis Dr.  100%
Award Amount: $45,050.00
Cost Center: 00730 / 5043 / H0509 / B0001 / G107836 / 54843
Agency: Urban Strategies
Pass_Thru Agency: Administration for Children and Families
Agency Type: FEDERAL
Duration: 9/30/2013 to 9/29/2014
CFDA: 00.000 Not Elsewhere Classified
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Evaluation and Human Trafficking content support under Urban Strategies: Prime Administration for Children and Families (ACF) Enhancing the Health Care Systems Response to Human Trafficking Initiative
SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

Undergraduate Studies

Investigator: Longacre, Teri Dr.  100%
Award Amount: $13,000.00
Cost Center: 00730 / 1119 / H0454 / C0001 / G105903 / 53229
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency: STATE
Agency Type: STATE
Duration: 8/1/2012 to 8/31/2015
CFDA: 00730 / 1119 / H0454 / C0001 / G105903 / 53229
CB Designation: Non Research
Project Type: Contract - Public Service
Project Title: Texas College and Career Readiness Network (TXCCRN)

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: $7,125,257.01
State Funding: $52,638.00
Local Funding: $27,400.00
Profit Funding: $732,721.00
Non Profit Funding: $55,000.00
Foundation Funding: $2,660,000.00
University Funding: $286,860.00
Total: $10,939,876.01