COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Dominey, Wallace Dr.  25%
Award Amount: $13,125.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076  Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

Dean, Education

Investigator: Hawkins, Jacqueline Dr.  50%
Award Amount: $26,250.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076  Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

Educational Psychology

Investigator: Horn, Catherine Dr.  100%
Award Amount: $134,172.00
Cost Center: 00730 / 5013 / H0064 / H0001 / G104866 / 51970
Agency: U.S. Department of Education
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 8/16/2012 to 8/15/2014
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 EDUCATION

Educational Psychology

Investigator: Keller-Margulis, Milena Dr. 100%
Award Amount: $19,530.53
Cost Center: 00730 / 5021 / H0064 / B0001 / C106717 / 54050
Agency: Society for the Study of School Psychology

Pass_Thru Agency: 
Agency Type: NON PROFIT
Duration: 7/1/2013 to 6/30/2014
CFDA: 00730 / 5021 / H0064 / B0001 / C106717 / 54050
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Early Indicators of Academic and Behavioral Difficulties among Children Born Preterm

Investigator: Tolar, Tammy Dr. 25%
Award Amount: $13,125.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin

Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: $15,000.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104441 / 49964
Agency: Texas Education Agency

Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA: 
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: UH Charter School Instructional Materials Allotment FY 2011-2013
UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during OCTOBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: $21,470.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104229 / 49776
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 9/1/2011 to 10/31/2014
CFDA: 10.555
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: National School Lunch Program FY 12

Investigator: Black, Carolyn Dr. 100%
Award Amount: $610,330.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104216 / 49772
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA: 
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School; Foundation School Program Teacher S&W FY12

Investigator: Black, Carolyn Dr. 100%
Award Amount: $30,062.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104226 / 49774
Agency: Texas Education Agency
Pass_Thru Agency: USE DED000; U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/1/2011 to 9/30/2014
CFDA: 84.010
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Title I, Part A FY 12
UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during OCTOBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: $350.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C105879 / 51980
Agency: State of Texas
Pass_Thru Agency: Texas Education Agency
Agency Type: STATE
Duration: 8/1/2011 to 8/31/2016
CFDA: 00730 / 5017 / H0441 / C0001 / C105879 / 51980

CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: School Lunch Matching

Investigator: Black, Carolyn Dr. 100%
Award Amount: $7,883.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104228 / 49775
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 9/1/2011 to 10/31/2014
CFDA: 10.553

CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: School Breakfast Program FY12

Investigator: Black, Carolyn Dr. 100%
Award Amount: $124,800.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104215 / 49771
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA: 00730 / 5017 / H0441 / C0001 / C104215 / 49771

CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Foundation School Program Administration S&W FY 12
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Page 5 of 40
### Cynthia Woods Mitchell Center for the Arts

**Investigator:** Farber, Karen Ms.  
**Award Amount:** $700.00  
**Cost Center:** 00730 / 5021 / H0473 / B0100 / C107437 / 54103  
**Agency:** New England Foundation for the Arts

### Health and Human Performance

**Investigator:** Layne, Charles S. Dr.  
**Award Amount:** $12,269.60  
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G105748 / 51652  
**Agency:** WYLE Laboratories

### Health and Human Performance

**Investigator:** Layne, Charles S. Dr.  
**Award Amount:** $13,098.96  
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G105749 / 51653  
**Agency:** WYLE Laboratories

### Health and Human Performance

**Investigator:** Layne, Charles S. Dr.  
**Award Amount:** $13,098.96  
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G105749 / 51653  
**Agency:** WYLE Laboratories

**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 10/31/2013  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Enhanced Development of the Office of Scientific Data Review and Dissemination - Elizabeth Goetchius

### Health and Human Performance

**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 10/31/2013  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Enhanced Development of the Office of Scientific Data Review and Dissemination - Meghan Everett
### Health and Human Performance

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Health and Human Performance

**Investigator:** Layne, Charles S. Dr. 100%
**Award Amount:** $13,862.45
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G105751 / 51654
**Agency:** WYLE Laboratories
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center
**Agency Type:** FEDERAL
**Duration:** 9/1/2012 to 10/31/2013
**CFDA:** 43.001 Aerospace Education Services Program
**CB Designation:** Restricted Research
**Project Type:** Contract - Research
**Project Title:** Enhanced Development of the Office of Scientific Data Review and Dissemination - John Flores-McLaughlin

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**Investigator:** Layne, Charles S. Dr. 100%
**Award Amount:** $9,864.71
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G105759 / 51663
**Agency:** WYLE Laboratories
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center
**Agency Type:** FEDERAL
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**CFDA:** 43.001 Aerospace Education Services Program
**CB Designation:** Restricted Research
**Project Type:** Contract - Research
**Project Title:** Enhanced Development of the Office of Scientific Data Review and Dissemination - Mitzi Laughlin

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**Psychology**

**Investigator:** Sharp, Carla Dr. 100%
**Award Amount:** $42,078.00
**Cost Center:** 00730 / 5021 / H0125 / B0001 / G101988 / 47486
**Agency:** The Menninger Clinic
**Pass_Thru Agency:**
**Agency Type:** NON PROFIT
**Duration:** 9/1/2010 to 8/31/2014
**CFDA:**
**CB Designation:** Restricted Research
**Project Type:** Grant - Research
**Project Title:** Development of Personality and Other Disorders in Adolescents -Carolyn Ha and Chastity Farr Student Placements
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator:  Fletcher, Jack Dr.  20%
Award Amount:  $60,000.00
Cost Center:  00730 / 5014 / H0288 / B0001 / G107349 / 53863
Agency:  Texas Education Agency
Pass_Thru Agency:  U.S. Department of Education
Agency Type:  FEDERAL
Duration:  9/1/2013 to 8/31/2014
CFDA:  84.027 Special Education Grants to States
CB Designation:  Restricted Research
Project Type:  Grant - Research
Project Title:  Texas Center for Learning Disabilities Intervention Project

Investigator:  Barth, Amy Dr.  20%
Award Amount:  $919.99
Cost Center:  00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency:  National Institute of Child Health and Human Development
Pass_Thru Agency:  FEDERAL
Agency Type:  FEDERAL
Duration:  1/2/2012 to 8/31/2013
CFDA:  93.865 Center for Research for Mothers and Children
CB Designation:  Restricted Research
Project Type:  Grant - Research
Project Title:  Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator:  Massman, Paul Dr.  100%
Award Amount:  $37,480.00
Cost Center:  00730 / 5021 / H0125 / B0100 / G107304 / 53909
Agency:  TIRR Memorial Hermann
Pass_Thru Agency:  NON PROFIT
Agency Type:  NON PROFIT
Duration:  9/1/2013 to 8/31/2014
CFDA:  CB Designation:  Non Restricted Research
Project Type:  Grant - Research
Project Title:  Clinical Neuropsychology Training-TIRR Mem Hermann-Struchen
### Psychology

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**Pass_Thru Agency:**
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- **Duration:** 9/1/2013 to 8/31/2014
- **CFDA:** 93.273 Alcohol Research Programs

**CB Designation:** Restricted Research

**Project Type:** Grant - Research

**Project Title:** Brain Damage and Exercise Neurorestoration After Repeated Binge Alcohol Exposure

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**Pass_Thru Agency:**
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- **Duration:** 9/1/2013 to 8/31/2014
- **CFDA:** 64.016 Veterans State Hospital Care

**CB Designation:** Non Restricted Research

**Project Type:** Grant - Research

**Project Title:** Clinical Neuropsychology Training-Michael E. DeBakey, VA Epilepsy Ctr. of Excellence (ECE), Neurology Care Line-Collins: Student J. Grabyan

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**Pass_Thru Agency:**
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- **Duration:** 9/17/2012 to 8/31/2014
- **CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment

**CB Designation:** Restricted Research

**Project Type:** Grant - Research

**Project Title:** Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers
### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

**Psychology**

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### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

**Biology/ Biochemistry**

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<td>Motivating Treatment Seeking and Behavior Change by Untreated Military Personnel Abusing Alcohol or Drugs</td>
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- **Investigator** refers to the researcher leading the project.
- **Award Amount** is the total amount of funding received.
- **Cost Center** includes various codes related to the funding organization and project.
- **Agency** is the organization providing the funding.
- **Pass_Thru Agency** indicates if the funding was provided directly or through another entity.
- **Agency Type** specifies if the funding is from a federal, state, or other source.
- **Duration** indicates the period of the project.
- **CB Designation** and **Project Type** provide additional context about the nature and funding type of the project.
- **Project Title** gives a concise description of the project's focus or mission.
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

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

Investigator: Colbert-Delcour, Anne Dr. 100%
Award Amount: $50,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G103305 / 49920
Agency: Research Foundation of the State University of New York
Pass_Thru Agency: National Institute of General Medical Sciences
Agency Type: FEDERAL
Duration: 9/30/2011 to 8/31/2014
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanism of the Usher in Assembly and Secretion of Pili

Chemistry

Investigator: Gilbertson, Scott Dr. 83%
Award Amount: $62,250.00
Cost Center: 00730 / 5015 / H0107 / B0001 / G101701 / 47739
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute on Drug Abuse
Agency Type: FEDERAL
Duration: 9/30/2010 to 8/31/2014
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The 5-HT2cR Protein Complex: Mining a New Therapeutic Target for Addiction
### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

**Computer Science**

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**Earth & Atmospheric Sciences**

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### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

**Earth & Atmospheric Sciences**

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**Mathematics**

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## Mathematics

**Investigator:** Canic, Suncica Dr.  
**Award Amount:** 50%  
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**Agency:** National Science Foundation  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2013 to 9/30/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Advancing the diagnosis and quantification of mitral valve regurgitation with mathematical modeling

**Investigator:** Nicol, Matthew Dr.  
**Award Amount:** 100%  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G105461 / 51556  
**Agency:** Methodist Hospital Research Institute  
**Pass_Thru Agency:** National Institutes of Health  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 8/31/2014  
**CFDA:** 93.121 Oral Diseases and Disorders Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A Novel Imaging Informatics Platform for Craniomaxillofacial Surgery

**Investigator:** Segura, Perri Dr.  
**Award Amount:** 50%  
**Cost Center:** 00730 / 5021 / H0110 / B0001 / G101267 / 46069  
**Agency:** Bernard Harris Foundation  
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**Duration:** 1/29/2010 to 1/29/2011  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Harris Camp 2010
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Evans, Paige Dr. 50%
Award Amount: $12,15
Cost Center: 00730 / 5021 / H0110 / B0001 / G101267 / 46069
Agency: Bernard Harris Foundation
Pass_Thru Agency:
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Duration: 1/29/2010 to 1/29/2011
CFDA: 00730 / 5021 / H0110 / B0001 / G101267 / 46069
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Harris Camp 2010

Investigator: Bodmann, Bernhard Dr. 100%
Award Amount: $49,714.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G101641 / 49392
Agency: University of Missouri
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2014
CFDA: 00730 / 5013 / H0110 / B0001 / G101641 / 49392
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Frames for Compressive Sensing

Physics

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: $22,500.00
Cost Center: 00730 / 5013 / H0453 / B0100 / C107311 / 54228
Agency: Acree Technologies, Inc
Agency Type: FEDERAL
Duration: 6/10/2013 to 3/9/2014
CFDA: 00730 / 5013 / H0453 / B0100 / C107311 / 54228
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Ceria Barrier Layer Analysis and Testing for Solid Oxide Fuel Cells
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Ignatiev, Alex Dr.  50%
Award Amount: $124,984.50
Cost Center: 00730 / 5013 / H0453 / B0001 / G105565 / 52355
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 1/1/2013 to 12/31/2014
CFDA: 43.009  Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Hydrogen Content Nanostructured Polymer Radiation Protection System

Investigator: Gunaratne, Gemunu H. Dr.  100%
Award Amount: $86,336.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106940 / 54078
Agency: Spectral Energies, LLC
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

Investigator: Bering, Edgar A. Dr.  33%
Award Amount: $4,950.00
Cost Center: 00730 / 5015 / H0073 / C0001 / G106786 / 54166
Agency: University of Texas at Austin
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/1/2013 to 4/1/2015
CFDA: 43.001  Aerospace Education Services Program
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions
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COLLEGE OF OPTOMETRY

Optometry, Community

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Agency: Vistakon, Inc.
Pass_Thru Agency: PROFIT
Agency Type: Restricted Research
Duration: 10/1/2013 to 8/31/2014
CFDA: 00730 / 5022 / H0114 / B0001 / G107438 / 54102

Project Title: JJVCI CR-5477 A Non-Dispensing Fit Evaluation of etafilcon A Investigational Limbal Ring Contact Lenses with polyvinylpyrrolidone (PVP) in an Asian Population

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: $106,121.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C107389 / 54145
Agency: Essilor International
Pass_Thru Agency: PROFIT
Agency Type: Restricted Research
Duration: 9/18/2013 to 5/31/2014
CFDA: 00730 / 5022 / H0114 / B0001 / C107388 / 54165

Project Title: Ultraviolet Radiation and Eye Protection Factor

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: $107,500.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C107388 / 54165
Agency: Clearlab US, Inc.
Pass_Thru Agency: PROFIT
Agency Type: Restricted Research
Duration: 9/1/2013 to 3/1/2014
CFDA: 00730 / 5022 / H0114 / B0001 / C107388 / 54165

Project Title: Clinical Evaluation of Silicone Hydrogel (SiHy) Contact Lenses
UNIVERSITY OF HOUSTON  
Division of Research  
New/Continuation Sponsored Research Grants and Contracts  
Fiscal Year 2014 - Received during OCTOBER

COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Smith III, Earl L. Dr.  
Award Amount: $91,630.00  
Cost Center: 00730 / 5021 / H0114 / B0001 / G090297 / 35093  
Agency: Brien Holden Vision Institute

Pass_Thru Agency:  
Agency Type: UNIVERSITY  
Duration: 6/1/2004 to 6/30/2015  
CFDA: 

CB Designation: Restricted Research  
Project Type: Special Research Agreement - Research  
Project Title: Optical Intervention

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Investigator: Roberts, Tawna Dr.  
Award Amount: $91,528.00  
Cost Center: 00730 / 5013 / H0114 / B0001 / G107143 / 54176  
Agency: National Eye Institute

Pass_Thru Agency:  
Agency Type: FEDERAL  
Duration: 9/1/2013 to 8/31/2017  
CFDA: 93.867 Vision Research  

CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: The Roles of the Afferent and Efferent Visual Systems in Guiding Human Visual Dev

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COLLEGE OF PHARMACY

Clinical Sciences and Administration

Investigator: Shah, Dhara Dr.  
Award Amount: $72,300.00  
Cost Center: 00730 / 5022 / H0118 / B0001 / C106758 / 54190  
Agency: Optimer Pharmaceuticals, Inc.

Pass_Thru Agency:  
Agency Type: PROFIT  
Duration: 9/16/2013 to 12/4/2014

CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: A nationwide analysis of fidaxomicin use
### COLLEGE OF PHARMACY

#### Clinical Sciences and Administration

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<thead>
<tr>
<th>Investigator</th>
<th>Award Amount</th>
<th>Cost Center</th>
<th>Agency</th>
<th>Pass_Thru Agency</th>
<th>Agency Type</th>
<th>Duration</th>
<th>CFDA</th>
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<tr>
<td>Garey, Kevin Dr.</td>
<td>$18,075.00</td>
<td>00730 / 5022 / H0118 / B0001 / C106758 / 54190</td>
<td>Optimer Pharmaceuticals, Inc.</td>
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<td>9/16/2013 to 12/4/2014</td>
<td>00730 / 5022 / H0118 / B0001 / C106758 / 54190</td>
<td>A nationwide analysis of fidaxomicin use</td>
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#### Pharmacological and Pharmaceutical Sciences

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<th>Duration</th>
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<td>Cuny, Gregory Dr.</td>
<td>$64,356.00</td>
<td>00730 / 5013 / H0117 / B0001 / G106037 / 52094</td>
<td>Massachusetts General Hospital - East</td>
<td>National Institute of Diabetes and Digestive and Kidney Diseases</td>
<td>FEDERAL</td>
<td>9/22/2012 to 8/31/2014</td>
<td>00730 / 5013 / H0117 / B0001 / G106037 / 52094</td>
<td>Identification of novel integrin antagonists</td>
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<th>Cost Center</th>
<th>Agency</th>
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<th>Duration</th>
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<td>Tejada-Simon, Maria Dr.</td>
<td>$88,961.00</td>
<td>00730 / 5021 / H0117 / B0001 / G103169 / 48891</td>
<td>FRAXA Research Foundation</td>
<td>FEDERAL</td>
<td>FOUNDATION</td>
<td>8/1/2011 to 7/31/2014</td>
<td>00730 / 5021 / H0117 / B0001 / G103169 / 48891</td>
<td>Small Rho GTPases, a potential therapeutic target for Fragile X syndrome</td>
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COLLEGE OF TECHNOLOGY

Engineering Technology

Investigator: Gurkan, Deniz Dr. 100%
Award Amount: $900,000.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G106735 / 53977
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2013 to 8/31/2015
CFDA: 47.040 Computer and Information Science and Engineering
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CC-NIE Integration: Houston, We have Troubleshooting for the 100 Gbps Network!

CULLEN COLLEGE OF ENGINEERING

Biomedical Engineering

Investigator: Akay, Metin Dr. 100%
Award Amount: $10,000.00
Cost Center: 00730 / 5013 / H0071 / B0100 / G105874 / 53936
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: 6th International IEEE EMBS Conference on Neural Engineering, Nov 3-6, 2013, San Diego, CA

Investigator: Gifford, Howard 100%
Award Amount: $361,799.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G105040 / 50466
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 8/31/2014
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reliable Human-Model Observers for Emission Tomography
**Biomedical Engineering**

- **Investigator:** Larin, Kirill Dr.  
- **Award Amount:** $90,000.00  
- **Cost Center:** 00730 / 5013 / H0071 / B0001 / G106400 / S4093  
- **Agency:** Baylor College of Medicine  
- **Pass_Thru Agency:** National Human Genome Research Institute  
- **Agency Type:** FEDERAL  
- **Duration:** 8/1/2013 to 7/31/2014  
- **CFDA:** 93.310 Trans-NIH Research Support  
- **CB Designation:** Restricted Research  
- **Project Type:** Grant - Research  
- **Project Title:** A consortium for broad based disease phenotyping of knockout mice.

**Center for Innovative Grouting Materials and Tech**

- **Investigator:** Vipulanandan, Cumaraswamy Dr.  
- **Award Amount:** $18,000.00  
- **Cost Center:** 00730 / 5018 / H0069 / B0001 / G106856 / S4230  
- **Agency:** Lamar University  
- **Pass_Thru Agency:** Lamar University (THWRC)  
- **Agency Type:** STATE  
- **Duration:** 9/1/2013 to 7/15/2015  
- **CFDA:**  
- **CB Designation:** Restricted Research  
- **Project Type:** Grant - Research  
- **Project Title:** Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

**Chemical Engineering**

- **Investigator:** Rimer, Jeffrey Dr.  
- **Award Amount:** $30,000.00  
- **Cost Center:** 00730 / 5021 / H0067 / B0001 / G106050 / S3777  
- **Agency:** United States - Israel Binational Science Foundation  
- **Pass_Thru Agency:** FOUNDATION  
- **Agency Type:** FOUNDATION  
- **Duration:** 9/1/2013 to 8/31/2014  
- **CFDA:**  
- **CB Designation:** Restricted Research  
- **Project Type:** Grant - Research  
- **Project Title:** Tailoring Zeolite Crystallization Using De Novo Peptoid Growth Modifiers
CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Economou, Demetre J. Dr.  50%
Award Amount: $120,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G098399 / 45821
Agency: University of Michigan
Agency Type: FEDERAL
Duration: 8/15/2009 to 8/14/2014
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: Vekilov, Peter Dr.  100%
Award Amount: $37,289.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G107424 / 54076
Agency: Rice University
Pass_Thru Agency: NIH/Division of Research Grants
Agency Type: FEDERAL
Duration: 7/1/2013 to 6/30/2014
CFDA: 93.286  Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Nanobiology interdisciplinary graduate training program

Investigator: Harold, Michael Dr.  50%
Award Amount: $70,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C107395 / 54101
Agency: Total E&P USA, Inc.
Pass_Thru Agency: PROFIT
Agency Type: PROFIT
Duration: 9/1/2013 to 5/30/2014
CFDA: 93.286  Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation and Evaluation of Conventional and Nano Mixed Metal Oxides (MMO) for Oxidative Coupling of Methane (OCM)
CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Rimer, Jeffrey Dr.  
Award Amount: $70,000.00 
Cost Center: 00730 / 5022 / H0067 / B0001 / C107395 / 54101 
Agency: Total E&P USA, Inc. 
Pass_Thru Agency: PROFIT 
Agency Type: 
Duration: 9/1/2013 to 5/30/2014 
CFDA: 
CB Designation: Restricted Research 
Project Type: Contract - Research 
Project Title: Preparation and Evaluation of Conventional and Nano Mixed Metal Oxides (MMO) for Oxidative Coupling of Methane (OCM)

Investigator: Donnelly, Vincent Dr.  
Award Amount: $120,000.00 
Cost Center: 00730 / 5013 / H0067 / B0001 / G098399 / 45821 
Agency: University of Michigan 
Agency Type: FEDERAL 
Duration: 8/15/2009 to 8/14/2014 
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

Civil Engineering

Investigator: Shrestha, Ramesh Dr.  
Award Amount: $450,000.00 
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 7/31/2014 
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
CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Carter, William Dr. 20%
Award Amount: $150,000.00
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 7/31/2014
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: $150,000.00
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 7/31/2014
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: Rifai, Hanadi Dr. 100%
Award Amount: $50,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107216 / 53935
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs) for Indicator Bacteria in Jarbo Bayou
CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: $15,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107211 / 53934
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for TMDLs for Indicator Bacteria in the Armand Bayou Watershed

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: $53,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107210 / 53930
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs) for Indicator Bacteria in Rolling Fork Creek

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: $95,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107209 / 53929
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Total Maximum Daily Loads (TMDLs) for Polychlorinated Biphenyls (PCBs) in the Houston Ship Channel (HSC) System and Upper Galveston Bay
### Civil Engineering

**Investigator:** Vipulanandan, Cumaraswamy D 20%
**Award Amount:** $6,000.00
**Cost Center:** 00730 / 5018 / H0069 / B0001 / G106856 / 54230
**Agency:** Lamar University
**Pass_Thru Agency:** Lamar University (THWRC)
**Agency Type:** STATE
**Duration:** 9/1/2013 to 7/15/2015
**CFDA:** 00730 / 5018 / H0069 / B0001 / G106856 / 54230

**Project Type:** Restricted Research
**Project Title:** Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

---

**Investigator:** Strom, Kyle Dr. 100%
**Award Amount:** $166,405.50
**Cost Center:** 00730 / 5022 / H0068 / B0001 / C105438 / 54098
**Agency:** ExxonMobil Upstream Research Co.
**Pass_Thru Agency:** ExxonMobil Upstream Research Co.
**Agency Type:** PROFIT
**Duration:** 9/1/2013 to 12/31/2016
**CFDA:** 00730 / 5022 / H0068 / B0001 / C105438 / 54098

**Project Type:** Restricted Research
**Project Title:** Hydraulics and Deposit Structure in Distributive Systems

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**Investigator:** Gencturk, Bora Dr. 100%
**Award Amount:** $174,634.00
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106851 / 53737
**Agency:** National Science Foundation
**Pass_Thru Agency:** National Science Foundation
**Agency Type:** FEDERAL
**Duration:** 9/1/2013 to 8/31/2015
**CFDA:** 47.041 Engineering Grants

**CB Designation:** Restricted Research
**Project Type:** Grant - Research
**Project Title:** BRIGE: DAMAGE EVALUATION AND LIFE-CYCLE ASSESSMENT OF REINFORCED HPFRC BEAM-COLUMN JOINTS UNDER MULTI-AXIAL LOADING
### Cullen College of Engineering

#### Civil Engineering

**Investigator:** Strom, Kyle Dr.  
**Award Amount:** $242,020.00  
**Cost Center:** 00730 / 5022 / H0068 / B0001 / C106732 / 54183  
**Agency:** ExxonMobil Upstream Research Co.  
**Pass_Thru Agency:** PROFIT  
**Duration:** 9/1/2013 to 12/31/2016  
**Project Title:** Mud Floc Transformations In Turbulent Flows: Driving Influences And Modeling

**Investigator:** Lee, Hyongki Dr.  
**Award Amount:** $10,000.00  
**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  
**Duration:** 9/5/2013 to 3/4/2014  
**Project Title:** Improved Quantification of Global Mountain Glacier Mass Balance Estimate

#### Electrical & Computer Engineering

**Investigator:** Chen, Yuhua Dr.  
**Award Amount:** $30,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / C107488 / 54232  
**Agency:** Halliburton Company  
**Pass_Thru Agency:** PROFIT  
**Duration:** 8/1/2013 to 7/31/2014  
**Project Title:** High Speed Ethernet Communications with Low End Processors
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

**Investigator:** Contreras-Vidal, Jose Dr.  
**Award Amount:** $37,500.00  
**Cost Center:** 00730 / 5021 / H0070 / B0001 / G107376 / S4080  
**Agency:** Methodist Hospital Research Institute  
**Pass_Thru Agency:** Cullen Foundation  
**Agency Type:** FOUNDATION  
**Duration:** 8/1/2013 to 8/1/2014  
**CFDA:**  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** REX, an Exoskeleton for the Robotic Restoration and Rehabilitation of Human Gait after Spinal Cord Injury and other Forms of Paraplegia and Quadriplegia

**Investigator:** Freundlich, Alexandre Dr.  
**Award Amount:** $10,000.00  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G099644 / 49437  
**Agency:** Arizona State University  
**Pass_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2011 to 7/31/2014  
**CFDA:** 47.041 Engineering Grants  
**Project Type:** Grant - Research  
**Project Title:** ERC for Quantum Energy and Sustainable Solar Technologies

**Investigator:** Prasad, Saurabh Dr.  
**Award Amount:** $47,300.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105579 / S1803  
**Agency:** Purdue University  
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2012 to 7/31/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**Project Type:** Grant - Research  
**Project Title:** An Advanced Learning Framework for High Dimensional Multi-Sensor Remote Sensing Data
### Electrical & Computer Engineering

**CulLEN COLLEGE OF ENGINEERING**

**Investigator:** Roysam, Badrinath Dr. 
**Award Amount:** 100% 
**Cost Center:** 00730 / 5021 / H0070 / B0001 / C107125 / 54155 
**Agency:** TIRR Foundation 
**Pass_Thru Agency:** FOUNDATION 
**Duration:** 9/1/2013 to 8/31/2014 
**CFDA:** 00730 / 5021 / H0070 / B0001 / C107125 / 54155 
**Project Title:** Comprehensive Profiling of Brain Cytoarchitectural Alterations Associated with Combined Lithium and Valproate Treatment for mFPI-associated Memory Impairments

**Investigator:** Contreras-Vidal, Jose Dr. 
**Award Amount:** 100% 
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104795 / 50178 
**Agency:** National Science Foundation 
**Pass_Thru Agency:** FEDERAL 
**Duration:** 11/1/2011 to 5/31/2015 
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE) 
**Project Title:** HCC: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroposthetics

### Industrial Engineering

**Investigator:** Lim, Gino Dr. 
**Award Amount:** 100% 
**Cost Center:** 00730 / 5016 / H0072 / B0100 / G105789 / 52052 
**Agency:** University of Texas MD Anderson Cancer Center 
**Pass_Thru Agency:** STATE 
**Duration:** 9/1/2012 to 8/31/2014 
**CFDA:** 
**Project Title:** Four- and Five-Dimensional Robustness Quantification and Adaptive 4D Robust Optimization of Intensity-Modulated Proton Therapy for Lung Cancers
CULLEN COLLEGE OF ENGINEERING

Industrial Engineering

Investigator: Peng, Jiming Dr. 100%
Award Amount: $132,655.00
Cost Center: 00730 / 5013 / H0072 / B0001 / G107377 / 54094
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 8/16/2013 to 8/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Sparse Solutions to Classes of Quadratic Programming Problems: Theoretical Fundamentals, Solving Strategies and Applications

Mechanical Engineering

Investigator: Metcalfe, Ralph W. Dr. 100%
Award Amount: $59,029.00
Cost Center: 00730 / 5022 / H0073 / B0001 / C107474 / 54184
Agency: Kalsi Engineering, Inc.
Pass_Thru Agency: 
Agency Type: PROFIT
Duration: 6/1/2013 to 8/31/2014
CFDA: 
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research on Elastomeric Seals

Investigator: Selvamanickam, Venkat Dr. 100%
Award Amount: $12,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G107379 / 54159
Agency: Superpower, Inc.
Agency Type: FEDERAL
Duration: 8/13/2013 to 8/12/2016
CFDA: 81.135 Advanced Research and Projects Agency - Energy Financial
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: SuperPower's Support of Equipment Maintenance
### Cullen College of Engineering

#### Mechanical Engineering

**Investigator:** Dunbar, Bonnie Dr.  
**Award Amount:** $5,100.00  
**Cost Center:** 00730 / 5015 / H0073 / C0001 / G106786 / 54166  
**Agency:** University of Texas at Austin  
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Duration:** 9/1/2013 to 4/1/2015  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

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**Investigator:** Sharma, Pradeep Dr.  
**Award Amount:** $4,950.00  
**Cost Center:** 00730 / 5015 / H0073 / C0001 / G106786 / 54166  
**Agency:** University of Texas at Austin  
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Duration:** 9/1/2013 to 4/1/2015  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

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**Investigator:** Dunbar, Bonnie Dr.  
**Award Amount:** $16,500.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G106783 / 54063  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Duration:** 9/18/2013 to 9/17/2015  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** An Undergraduate Student Instrumentation Project to Develop New Instrument Technology to Study the Auroral Ionosphere and Stratospheric Ozone Layer Using Ultralight Balloon Payloads
Cullen College of Engineering

Texas Hurricane Center for Innovative Technology

Investigator: Vipulanandan, Cumaraswamy D 20%
Award Amount: $6,000.00
Cost Center: 00730 / 5018 / H0069 / B0001 / G106856 / 54230
Agency: Lamar University
Pass_Thru Agency: Lamar University (THWRC)
Agency Type: STATE
Duration: 9/1/2013 to 7/15/2015
CFDA: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

Division of Research

Center for Advanced Computing and Data Systems

Investigator: Barth, Amy Dr. 10%
Award Amount: $460.00
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/2/2012 to 8/31/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: $49,483.80
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Agency Type: FEDERAL
Duration: 11/28/2011 to 10/31/2013
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
DIVISION OF RESEARCH

Center for Advanced Materials

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: $22,500.00
Cost Center: 00730 / 5013 / H0453 / B0100 / C107311 / 54228
Agency: Acree Technologies, Inc
Agency Type: FEDERAL
Duration: 6/10/2013 to 3/9/2014
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Ceria Barrier Layer Analysis and Testing for Solid Oxide Fuel Cells

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: $124,984.50
Cost Center: 00730 / 5013 / H0453 / B0001 / G105565 / 52355
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 1/1/2013 to 12/31/2014
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Hydrogen Content Nanostructured Polymer Radiation Protection System

Investigator: Freundlich, Alexandre Dr. 60%
Award Amount: $30,000.00
Cost Center: 00730 / 5013 / H0453 / B0001 / G099644 / 49437
Agency: Arizona State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ERC for Quantum Energy and Sustainable Solar Technologies
DIVISION OF RESEARCH

Center for Neuromotor & Biomechanics Research

Investigator: Simpson, Richard Dr.  80%
Award Amount: $24,000.00
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

Investigator: Clarke, Mark Dr.  5%
Award Amount: $1,500.00
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

Investigator: O'Connor, Daniel Dr.  5%
Award Amount: $1,500.00
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
## DIVISION OF RESEARCH

### Center for Neuromotor & Biomechanics Research

<table>
<thead>
<tr>
<th>Investigator</th>
<th>Award Amount</th>
<th>Cost Center</th>
<th>Agency</th>
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<tr>
<td>Lowder, Thomas Dr.</td>
<td>$3,000.00</td>
<td>00730 / 5013 / H0521 / B0001 / G102913 / 50107</td>
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**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center

**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

**Project Type:** Restricted Research

**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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### TIMES

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<td>Vilalta, Ricardo Dr.</td>
<td>$90,000.00</td>
<td>00730 / 5022 / H0288 / B0001 / C106149 / 54079</td>
<td>Repsol Services Company</td>
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**Pass_Thru Agency:** Repsol Services Company

**Agency Type:** PROFIT

**Duration:** 5/1/2013 to 4/30/2014

**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration

**Project Type:** Restricted Research

**Project Title:** Data Mining Techniques Applied to Seismic Data

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<td>Fletcher, Jack Dr.</td>
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<td>00730 / 5014 / H0288 / B0001 / G107349 / 53863</td>
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**Pass_Thru Agency:** U.S. Department of Education

**Agency Type:** FEDERAL

**Duration:** 9/1/2013 to 8/31/2014

**CFDA:** 84.027 Special Education Grants to States

**Project Type:** Restricted Research

**Project Title:** Texas Center for Learning Disabilities Intervention Project
DIVISION OF RESEARCH

TIMES

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<th>Investigator</th>
<th>Barth, Amy Dr.</th>
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<td>Duration</td>
<td>1/2/2012 to 8/31/2013</td>
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<td>CFDA</td>
<td>93.865 Center for Research for Mothers and Children</td>
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<td>Project Type</td>
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<td>Project Title</td>
<td>Language, Cognitive, and Neuropsychological Processes in Reading Comprehension</td>
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<td>Agency</td>
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<td>Pass_Thru Agency</td>
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<td>Project Type</td>
<td>Grant - Research</td>
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<tr>
<td>Project Title</td>
<td>Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers</td>
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VICE PRESIDENT FOR ADMINISTRATION

UH Police Department

Investigator: Collier, Bret Mr. 100%
Award Amount: $3,000.00
Cost Center: 00730 / 5014 / H0169 / C0001 / G107426 / 54055
Agency: Texas Department of Transportation
Agency Type: FEDERAL
Duration: 10/1/2012 to 9/30/2013
CFDA: 20.600 State and Community Highway Safety
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: CIOT: Click IT or Ticket

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: $5,992,165.10
State Funding: $986,995.00
Local Funding: $0.00
Profit Funding: $1,315,935.26
Non Profit Funding: $136,568.53
Foundation Funding: $207,185.29
University Funding: $91,630.00
Total: $8,730,479.18