### COLLEGE OF EDUCATION

**Dean, Education**

Investigator: Hawkins, Jacqueline Dr. 15%
Award Amount: $45,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute

**Pass_Thru Agency:**
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2019

**Project Type:** Grant - Research
**Project Title:** Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.

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### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

**Psychology**

Investigator: Massman, Paul Dr. 100%
Award Amount: $18,915.05
Cost Center: 00730 / 5015 / H0125 / B0100 / G108881 / 56023
Agency: University of Texas Health Science Center at Houston

**Pass_Thru Agency:**
Agency Type: FEDERAL
Duration: 9/1/2014 to 7/31/2015

**CFDA:** 93.853 Clinical Research Related to Neurological Disorders
**CB Designation:** Non Restricted Research
**Project Type:** Grant - Research
**Project Title:** Clinical Neuropsychology Training-UTHSCCH Ewing-Cobbs

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Investigator: Sharp, Carla Dr. 100%
Award Amount: $48,170.00
Cost Center: 00730 / 5021 / H0125 / B0001 / G101988 / 47486
Agency: The Menninger Clinic

**Pass_Thru Agency:**
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2015

**CFDA:** Restricted Research
**Project Type:** Grant - Research
**Project Title:** Development of Personality and Other Disorders in Adolescents -FY 14 Allison Kalpakci and Mary Madison Eagle Student Placements
**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

| Psychology |
|-----------------|-----------------|
| **Investigator:** | Massman, Paul Dr. |
| **Award Amount:** | $20,215.00 |
| **Cost Center:** | 00730 / 5016 / H0125 / B0100 / G108884 / 56068 |
| **Agency:** | University of Texas Health Science Center at Houston |
| **Pass Thru Agency:** | STATE |
| **Agency Type:** | STATE |
| **Duration:** | 9/1/2014 to 8/31/2015 |
| **CFDA:** | 00730 / 5016 / H0125 / B0100 / G108884 / 56068 |
| **CB Designation:** | Non Restricted Research |
| **Project Type:** | Grant - Research |
| **Project Title:** | Clinical Neuropsychology Training-UTHSCH Breier: Student - Emily Huston-Warren |

| Psychology |
|-----------------|-----------------|
| **Investigator:** | Massman, Paul Dr. |
| **Award Amount:** | $21,507.00 |
| **Cost Center:** | 00730 / 5022 / H0125 / B0100 / G108873 / 56059 |
| **Agency:** | Houston Neuropsychology Group |
| **Pass Thru Agency:** | PROFIT |
| **Agency Type:** | PROFIT |
| **Duration:** | 9/1/2014 to 8/31/2015 |
| **CFDA:** | 00730 / 5022 / H0125 / B0100 / G108873 / 56059 |
| **CB Designation:** | Non Restricted Research |
| **Project Type:** | Grant - Research |
| **Project Title:** | Clinical Neuropsychology Training-Houston Neuropsychology Group-Largen/Davis: Student - Marika Faytell |

| Psychology |
|-----------------|-----------------|
| **Investigator:** | Carlson, Coleen Dr. |
| **Award Amount:** | $74,751.90 |
| **Cost Center:** | 00730 / 5013 / H0500 / B0001 / G103586 / 49817 |
| **Agency:** | Centers for Disease Control |
| **Pass Thru Agency:** | FEDERAL |
| **Agency Type:** | FEDERAL |
| **Duration:** | 9/30/2011 to 9/29/2015 |
| **CFDA:** | 93.535 |
| **CB Designation:** | Affordable Care Act (ACA) Childhood Obesity Research Demonstration |
| **Project Type:** | Restricted Research |
| **Project Title:** | Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions) |
### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

**Psychology**

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### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

**Biology/Biochemistry**

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<th>Zhang, Xiaoliu Dr.</th>
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UNIVERSITY OF HOUSTON
Division of Research
New/ Continuation Sponsored Research Grants and Contracts
Fiscal Year 2015 - Received during SEPTEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/ Biochemistry

Investigator: Bose, Rathindra Dr.
Award Amount: $1,582.50
Cost Center: 00730 / 5016 / H0104 / B0001 / G107709 / 54463
Agency: Cancer Prevention and Research Institute of Texas
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 6/1/2013 to 5/31/2016
CFDA: 00730 / 5016 / H0104 / B0001 / G107709 / 54463
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Exploration of multi-layer synergy between two novel antitumor agents against hard-to-treat solid tumors

Investigator: Briggs, James M. Dr.
Award Amount: $45,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute
Pass_Thru Agency: 
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2019
CFDA: 
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.

Center for Nuclear Receptors and Cell Signaling

Investigator: Zhang, Xiaoliu Dr.
Award Amount: $791.25
Cost Center: 00730 / 5016 / H0104 / B0001 / G107709 / 54463
Agency: Cancer Prevention and Research Institute of Texas
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 6/1/2013 to 5/31/2016
CFDA: 00730 / 5016 / H0104 / B0001 / G107709 / 54463
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Exploration of multi-layer synergy between two novel antitumor agents against hard-to-treat solid tumors
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Hoffman, David M. Dr. 15%
Award Amount: $45,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2019
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.

Investigator: Miljanic, Ognjen Dr. 100%
Award Amount: $25,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108978 / 56040
Agency: Research Corporation for Science Advancement
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 11/1/2014 to 10/31/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: 3D-MoChl: Three-Dimensional Models for Chemistry Instruction

Computer Science

Investigator: Solorio, Thamar Dr. 100%
Award Amount: $85,664.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G109036 / 56114
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/31/2014 to 12/31/2018
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Authorship Analysis Across Domains
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Yun, Changhoon Dr. 25%
Award Amount: $145,899.25
Cost Center: 00730 / 5013 / H0108 / B0100 / G107318 / 55914
Agency: National Science Foundation

Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Preparing Computer Science Students for Global Challenges of the Twenty-first Century

Investigator: Gabriel, Edgar Dr. 33%
Award Amount: $66,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G105009 / 51679
Agency: U.S. Department of Energy

Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: An eXascale PRogramming Environment and System Software (XPRESS)

Investigator: Solorio, Thamar Dr. 100%
Award Amount: $130,500.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G109031 / 56115
Agency: National Science Foundation

Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 8/31/2014 to 8/31/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: HCC: Small: Collaborative Research: Analysis of Language Samples for Detecting Language Impairment in Monolingual and Bilingual Children
## COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

### Computer Science

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<td>Preparing Computer Science Students for Global Challenges of the Twenty-first Century</td>
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UNIVERSITY OF HOUSTON
Division of Research
New/ Continuation Sponsored Research Grants and Contracts
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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Pavlidis, Ioannis Dr. 50%
Award Amount: $8,635.50
Cost Center: 00730 / 5016 / H0288 / B0001 / G108988 / 56085
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: STATE
Agency Type: Education and Human Resources
Duration: 9/1/2014 to 5/31/2015
CFDA: 00730 / 5016 / H0288 / B0001 / G108988 / 56085
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Bridging genetic and phenotypic methods in human studies (Grad Student: Kamil Khanipov)

Investigator: Verma, Rakesh M. Dr. 25%
Award Amount: $145,899.25
Cost Center: 00730 / 5013 / H0108 / B0100 / G107318 / 55914
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Education and Human Resources
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.076
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Preparing Computer Science Students for Global Challenges of the Twenty-first Century

Dean, Natural Sciences and Mathematics

Investigator: Wells, Dan E. Dr. 15%
Award Amount: $45,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute
Pass_Thru Agency: NON PROFIT
Agency Type: Education and Human Resources
Duration: 9/1/2014 to 8/31/2019
CFDA: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.
UNIVERSITY OF HOUSTON
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Fiscal Year 2015 - Received during SEPTEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Jadamec, Margarete Ms. 100%
Award Amount: $144,999.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G108987 / 56042
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2016
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Numerical Modeling of Three-dimensional subduction driven mantle wedge weakening and plate-mantle decoupling

Investigator: Fu, Qi Dr. 100%
Award Amount: $41,119.00
Cost Center: 00730 / 5021 / H0109 / B0001 / C107635 / 55590
Agency: American Chemical Society
Pass_Thru Agency: NON PROFIT
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2016
CFDA: 00730 / 5021 / H0109 / B0001 / C107635 / 55590
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Experimental Study of Carbon and Hydrogen Isotope Equilibria among CO2 and Hydrocarbons in Sedimentary

Mathematics

Investigator: Azencott, Robert Dr. 50%
Award Amount: $148,864.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G107710 / 55883
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Application of large deviations to genetic evolution of bacterial populations
Mathematics

Investigator: Bodmann, Bernhard Dr. 100%
Award Amount: $229,156.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G107692 / 55904
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Frame builder: Greedy Construction Methods for Near-Optimal Signal Sparsification, Transmission and Recovery

Investigator: Timofeyev, Ilya Dr. 50%
Award Amount: $148,864.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G107710 / 55883
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Application of large deviations to genetic evolution of bacterial populations

Investigator: Morgan, Jeff Dr. 15%
Award Amount: $45,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute
Pass_Thru Agency: 
Agency Type: NON PROFIT
Duration: 9/1/2014 to 8/31/2019
CFDA: 
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.
### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

**Physics**

- **Investigator:** Cheung, Margaret Dr.  
- **Award Amount:** $202,679.10  
- **Cost Center:** 00730 / 5013 / H0112 / B0001 / G102142 / 49699  
- **Agency:** National Institute of General Medical Sciences  
- **Pass Thru Agency:**  
  - **Agency Type:** FEDERAL  
  - **Duration:** 9/30/2011 to 8/31/2016  
  - **CFDA:** Pharmacology, Physiology, and Biological Chemistry Research  
- **CB Designation:** Restricted Research  
- **Project Type:** Grant - Research  
- **Project Title:** Manipulating Signaling Proteins for Target Binding and Recognition

### COLLEGE OF OPTOMETRY

**Optometry, Community**

- **Investigator:** Roberts, Tawna Dr.  
- **Award Amount:** $117,971.00  
- **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:** 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

- **Investigator:** Otteson, Deborah Dr.  
- **Award Amount:** $330,750.00  
- **Cost Center:** 00730 / 5013 / H0114 / B0001 / G102456 / 49358  
- **Agency:** National Eye Institute  
- **Pass Thru Agency:**  
  - **Agency Type:** FEDERAL  
  - **Duration:** 9/1/2011 to 8/31/2016  
  - **CFDA:** Vision Research  
- **CB Designation:** Restricted Research  
- **Project Type:** Grant - Research  
- **Project Title:** Regulation of Ephrin Receptor Expression in the Retina
UNIVERSITY OF HOUSTON  
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COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Joshi, Anand Dr.  100%
Award Amount: $56,978.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G106169 / 53920
Agency: National Institutes of Health
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 93.867  Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accommodation influences in strabismus (Dr. Anand Joshi)

Investigator: Manny, Ruth E. Dr.  100%
Award Amount: $200,405.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G106062 / 53772
Agency: NIH/Division of Research Grants
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2015
CFDA: 93.867  Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Preschool Vision Screening by Parental Risk Factor Questionnaire

Investigator: Redfern, Rachel Dr.  100%
Award Amount: $368,725.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G105894 / 53798
Agency: National Eye Institute
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2015
CFDA: 93.867  Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Toll-Like receptors in dry eye inflammation and infection
**COLLEGE OF OPTOMETRY**

<table>
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<td><strong>Investigator:</strong></td>
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<td><strong>Award Amount:</strong></td>
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<td><strong>Cost Center:</strong></td>
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<td><strong>Project Title:</strong></td>
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</table>
COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Bergmanson, Jan P. G. Dr.  100%
Award Amount: $52,000.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G099822 / 45027
Agency: CooperVision, Inc.

Pass_Thru Agency: None
Agency Type: Private
Duration: 8/3/2009 to 2/28/2015
CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: CLINICAL EVALUATION OF BIOFINITY LENSES IN AN EXTENDED RANGE CV-13-47

Investigator: Porter, Jason Dr.  100%
Award Amount: $360,640.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G102467 / 49379
Agency: National Eye Institute

Pass_Thru Agency: None
Agency Type: Federal
Duration: 9/1/2011 to 8/31/2016
CFDA: 93.867 Vision Research

CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High-resolution imaging of the normal and diseased retina

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Robertson, Megan Prof.  100%
Award Amount: $100,000.00
Cost Center: 00730 / 1011 / H0067 / B0261 / C108185 / 55756
Agency: Texas Higher Education Coordinating Board - ARP

Pass_Thru Agency: None
Agency Type: State
Duration: 9/1/2014 to 8/31/2016
CFDA:

CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Tough Epoxy Resins Containing Sustainable Components for Wind Energy
### Cullen College of Engineering

**Chemical Engineering**

<table>
<thead>
<tr>
<th>Investigator</th>
<th>Robertson, Megan Prof.</th>
<th>100%</th>
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<tr>
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<td>National Science Foundation</td>
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**Pass_Thru Agency:** FEDERAL  
**Agency Type:** Federal  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 47.041  Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Dynamics, Exchange Kinetics, and Structuring of Block Copolymer Micelles

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<tr>
<th>Investigator</th>
<th>Conrad, Jacinta Prof.</th>
<th>100%</th>
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**Pass_Thru Agency:** FEDERAL  
**Agency Type:** Federal  
**Duration:** 10/1/2014 to 9/30/2017  
**CFDA:** 47.041  Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Role of Attractions in Modifying the Confined Flow of Colloids

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<tr>
<th>Investigator</th>
<th>Cirino, Patrick Dr.</th>
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**Pass_Thru Agency:** FEDERAL  
**Agency Type:** Federal  
**Duration:** 9/1/2012 to 8/31/2015  
**CFDA:** 47.041  Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Metabolite-responsive regulators for polyketide pathway engineering
### Cullen College of Engineering

#### Chemical Engineering

Investigator: Rimer, Jeffrey Dr.  
Award Amount: $81,836.00  
Cost Center: 00730 / 5013 / H0067 / B001 / G104113 / 51569  
Agency: National Science Foundation  
Pass_Thru Agency: FEDERAL  
Duration: 9/1/2012 to 8/31/2017  
CFDA: 47.041 Engineering Grants  
CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: CAREER: A Bio-Inspired Approach to Engineer Zeolite Catalysts

#### Civil Engineering

Investigator: Rodrigues, Debora Dr.  
Award Amount: $82,865.00  
Cost Center: 00730 / 5013 / H0068 / B001 / G104093 / 50203  
Agency: National Science Foundation  
Pass_Thru Agency: FEDERAL  
Duration: 1/15/2012 to 12/31/2016  
CFDA: 47.041 Engineering Grants  
CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: CAREER: Toxicology of graphene-based nanomaterials: A molecular biotechnology approach

#### Investigator

Investigator: Rifai, Hanadi Dr.  
Award Amount: $118,357.18  
Cost Center: 00730 / 5013 / H0500 / B001 / G103586 / 49817  
Agency: Centers for Disease Control  
Pass_Thru Agency: FEDERAL  
Duration: 9/30/2011 to 9/29/2015  
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration  
CB Designation: Restricted Research  
Project Type: Grant - Research  
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Chen, Jinghong  100%
Award Amount: $175,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G108865 / 56066
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 9/6/2014 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: MRI Consortium: Acquisition of Instrumentation for High-Speed/Radiation-Hard Optical Electronics Design and Testing

Investigator: Han, Zhu Dr.  100%
Award Amount: $227,501.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G108396 / 56067
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 1/1/2015 to 12/31/2017
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: EARS: Collaborative Research: When Social Meets Wireless in Cellular Device-to-Device Communications

Investigator: Jackson, David R. Dr.  50%
Award Amount: $21,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G107045 / 54584
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 9/13/2013 to 9/12/2015
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Development of Novel Integrated Antennas for CubeSats
### Electrical & Computer Engineering

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<tr>
<th>Investigator</th>
<th>Award Amount</th>
<th>Cost Center</th>
<th>Agency</th>
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<td>Chen, Ji Dr.</td>
<td>$21,000.00</td>
<td>00730 / 5013 / H0070 / B0001 / G107045 / 54584</td>
<td>NASA - National Aeronautics and Space Administration - Johnson Space Center</td>
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<td>Investigator</td>
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<td>00730 / 5013 / H0070 / B0001 / G108192 / 55692</td>
<td>National Science Foundation</td>
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<tr>
<td>Han, Zhu Dr.</td>
<td>$204,819.16</td>
<td>00730 / 5013 / H0070 / B0001 / G107625 / 55884</td>
<td>National Science Foundation</td>
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<tr>
<td>Han, Zhu Dr.</td>
<td>$185,000.00</td>
<td>00730 / 5013 / H0070 / B0001 / G107625 / 55884</td>
<td>National Science Foundation</td>
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**Investigator:**
- **Award Amount:** $21,000.00
- **Cost Center:** 00730 / 5013 / H0070 / B0001 / G107045 / 54584
- **Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center

**Investigator:**
- **Award Amount:** $204,819.16
- **Cost Center:** 00730 / 5013 / H0070 / B0001 / G108192 / 55692
- **Agency:** National Science Foundation

**Investigator:**
- **Award Amount:** $185,000.00
- **Cost Center:** 00730 / 5013 / H0070 / B0001 / G107625 / 55884
- **Agency:** National Science Foundation

**Cost Center**: 00730 / 5013 / H0070 / B0001 / G107045 / 54584

**Agency**
- NASA - National Aeronautics and Space Administration - Johnson Space Center
- National Science Foundation

**Investigator**
- Chen, Ji Dr.
- Han, Zhu Dr.
- Han, Zhu Dr.

**Award Amount**
- $21,000.00
- $204,819.16
- $185,000.00

**Project Title**
- Development of Novel Integrated Antennas for CubeSats
- Collaborative Research: Proactive Recovery of Electric Power Assets for Resiliency Enhancement (PREPARE)
- Collaborative Research: CCSS: D2D Wireless Networks: An Interference Nightmare or Resource Allocation Auspice
CULLEN COLLEGE OF ENGINEERING

Industrial Engineering

Investigator: Khator, Suresh Dr. 16.4%
Award Amount: $40,179.84
Cost Center: 00730 / 5013 / H0070 / B0001 / G108192 / 55692
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Engineering Grants
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.041
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Proactive Recovery of Electric Power Assets for Resiliency Enhancement (PREPARE)

Mechanical Engineering

Investigator: Franchek, Matthew Dr. 50%
Award Amount: $160,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G108194 / 55763
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Engineering Grants
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.041
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Automated Computational Modeling and Multi-Model Adaptive Control for Critical Patient Resuscitation

Investigator: Grigoriadis, Karolos M. Dr. 50%
Award Amount: $160,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G108194 / 55763
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Agency Type: Engineering Grants
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.041
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Automated Computational Modeling and Multi-Model Adaptive Control for Critical Patient Resuscitation
CULLEN COLLEGE OF ENGINEERING

Mechanical Engineering

Investigator: Agrawal, Ashutosh Dr.  100%
Award Amount: $226,605.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G108183 / 55772
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 9/1/2014 to 8/31/2017
CFDA: 47.041   Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative research: mechanics of the nuclear lipid bilayers

Investigator: Dunbar, Bonnie Dr.  25%
Award Amount: $75,000.00
Cost Center: 00730 / 5021 / H0102 / B0100 / C107517 / 55882
Agency: Howard Hughes Medical Institute
Pass_Thru Agency: NON PROFIT
Duration: 9/1/2014 to 8/31/2019
CFDA: 
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Sustaining Excellence: Introduction of Freshmen Course Instructional Changes and Student Academic Support to Increase the Six Year Graduation Rate (Persistence) of STEM Majors.

DIVISION OF RESEARCH

Center for Advanced Computing and Data Systems

Investigator: Cheung, Margaret Dr.  25%
Award Amount: $77,953.50
Cost Center: 00730 / 5013 / H0112 / B0001 / G102142 / 49699
Agency: National Institute of General Medical Sciences
Pass_Thru Agency: FEDERAL
Duration: 9/30/2011 to 8/31/2016
CFDA: 93.859   Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Manipulating Signaling Proteins for Target Binding and Recognition
Center for Biomedical & Environmental Genomics

- **Investigator:** Chapman, Barbara M. Dr. 33%
- **Award Amount:** $66,000.00
- **Cost Center:** 00730 / 5013 / H0108 / B0001 / G105009 / 51679
- **Agency:** U.S. Department of Energy

**Pass_Thru Agency:**
- **Agency Type:** FEDERAL
- **Duration:** 9/1/2012 to 8/31/2015
- **CFDA:** 81.049 Office of Energy Research Financial Assistance Program

**CB Designation:** Restricted Research
**Project Type:** Co-Op Agreement - Research
**Project Title:** An eXascale PRogramming Environment and System Software (XPRESS)

Institute for Molecular Design

- **Investigator:** Cheung, Margaret Dr. 10%
- **Award Amount:** $31,181.40
- **Cost Center:** 00730 / 5013 / H0112 / B0001 / G102142 / 49699

**Agency:** National Institute of General Medical Sciences

**Pass_Thru Agency:**
- **Agency Type:** FEDERAL
- **Duration:** 9/30/2011 to 8/31/2016
- **CFDA:** 93.859 Pharmacology, Physiology, and Biological Chemistry Research

**CB Designation:** Restricted Research
**Project Type:** Grant - Research
**Project Title:** Manipulating Signaling Proteins for Target Binding and Recognition

Texas Obesity Research Center

- **Investigator:** Layne, Charles S. Dr. 6%
- **Award Amount:** $74,751.90
- **Cost Center:** 00730 / 5013 / H0500 / B0001 / G103586 / 49817

**Agency:** Centers for Disease Control

**Pass_Thru Agency:**
- **Agency Type:** FEDERAL
- **Duration:** 9/30/2011 to 9/29/2015
- **CFDA:** 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration

**CB Designation:** Restricted Research
**Project Type:** Grant - Research
**Project Title:** Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)
DIVISION OF RESEARCH

Texas Obesity Research Center

Investigator: O'Connor, Daniel Dr. 45%
Award Amount: $560,639.25
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2015
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Investigator: Ledoux, Tracey Dr. 8.5%
Award Amount: $105,898.53
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2015
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

TIMES

Investigator: Carlson, Coleen Dr. 24%
Award Amount: $299,007.60
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2015
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)
DIVISION OF RESEARCH

TIMES

Investigator: Stuebing, Karla Dr.  5%
Award Amount: $15,668.75
Cost Center: 00730 / 5013 / H0114 / B0001 / G107557 / 55916
Agency: National Eye Institute
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/1/2014 to 6/30/2019
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of optimum spectacle prescriptions for patients with Down syndrome

Investigator: Pavidis, Ioannis Dr.  50%
Award Amount: $8,635.50
Cost Center: 00730 / 5016 / H0288 / B0001 / G108988 / 56085
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: STATE
Agency Type: STATE
Duration: 9/1/2014 to 5/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Bridging genetic and phenotypic methods in human studies (Grad Student: Kamil Khanipov)

GRADUATE COLLEGE OF SOCIAL WORK

Child & Family for Innovative Research

Investigator: Kao, Dennis Dr.  1%
Award Amount: $12,458.65
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency: FEDERAL
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2015
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)
LEARNING AND ASSESSMENT SERVICES

**Investigator:** Anderson, Franklin J. Mr. 100%

**Award Amount:** $301,376.00

**Cost Center:** 00730 / 5013 / H0219 / A0001 / G100798 / 47172

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

**Pass_ Thru Agency:**

**Agency Type:** FEDERAL

**Duration:** 9/1/2010 to 9/30/2014

**CFDA:** 84.042 TRIO - Student Support Services

**CB Designation:** Non Research

**Project Type:** Grant - Instruction

**Project Title:** Student Support Services (The Challenger Program)

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**REPORTING PERIOD ACTIVITY SUMMARY**

- Federal Funding: $8,214,829.05
- State Funding: $140,651.00
- Local Funding: $0.00
- Profit Funding: $73,507.00
- Non Profit Funding: $389,289.00
- Foundation Funding: $25,000.00
- University Funding: $0.00

**Total:** $8,843,276.05