

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

**C.T. BAUER COLLEGE OF BUSINESS****Dean, Business Administration**

**Investigator:** Ramchand, Latha Dr. 100%  
**Award Amount:** \$900,000.00  
**Cost Center:** 00730 / 5999 / H0041 / B0100 / C109821 / 57012  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 8/31/2099  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP MATCH 15 - BUSINESS - CT BAUER FOUNDATION

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**Small Business Development Center**

**Investigator:** Young, Frederick Dr. 100%  
**Award Amount:** \$2,440,944.00  
**Cost Center:** 00730 / 5013 / H0053 / C0001 / G108748 / 56284  
**Agency:** U.S. Small Business Administration  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2014 to 9/30/2015  
**CFDA:** 59.037 Small Business Development Center  
**CB Designation:** Non Research  
**Project Type:** Co-Op Agreement - Public Service  
**Project Title:** Small Business Development Center

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**COLLEGE OF EDUCATION****Curriculum and Instruction**

**Investigator:** White, Cathryn Dr. 10%  
**Award Amount:** \$524.70  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**UNIVERSITY OF HOUSTON**  
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**COLLEGE OF EDUCATION****Curriculum and Instruction**

**Investigator:** Hawkins, Jacqueline Dr. 10%  
**Award Amount:** \$524.70  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**Psychological, Health, and Learning Sciences**

**Investigator:** Horn, Catherine Dr. 100%  
**Award Amount:** \$48,410.00  
**Cost Center:** 00730 / 5021 / H0064 / B0100 / G107390 / 57013  
**Agency:** Michigan State University  
**Pass\_Thru Agency:** William T. Grant Foundation  
**Agency Type:** FOUNDATION  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Amici and the Courts: A Case Study of the Research use Process of Intermediary Actors

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**UH Charter School**

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$2,000.00  
**Cost Center:** 00730 / 5014 / H0441 / C0001 / C104228 / 49775  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 9/30/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: School Breakfast Program FY12

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**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Communication**

**Investigator:** Ni, Lan Dr. 100%  
**Award Amount:** \$1,200.40  
**Cost Center:** 00730 / 5021 / H0084 / B0100 / C107370 / 54408  
**Agency:** Penn State University - The Arthur W. Page Center Research Center  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 11/5/2013 to 6/30/2015  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Ethical Community Stakeholder Engagement in the Global Environment: Impact on Relationship Management and Conflict Resolution

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**Communication Disorders**

**Investigator:** Maher, Lynn Dr. 100%  
**Award Amount:** \$47,911.00  
**Cost Center:** 00730 / 5021 / H0087 / C0001 / C109687 / 57255  
**Agency:** United Way of Greater Houston  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** United Way Support for Services: 2015

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**Investigator:** Ivey, Michelle Dr. 25%  
**Award Amount:** \$1,311.75  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2015 - Received during APRIL

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Cynthia Woods Mitchell Center for the Arts

**Investigator:** Farber, Karen Ms. 100%  
**Award Amount:** \$8,000.00  
**Cost Center:** 00730 / 5016 / H0473 / C0001 / C108311 / 57193  
**Agency:** Texas Commission on the Arts  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2014 to 8/31/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Contract - Research  
**Project Title:** Arts Create Yr2

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## Health and Human Performance

**Investigator:** Lee, Dong Hun Dr. 20%  
**Award Amount:** \$870.00  
**Cost Center:** 00730 / 5021 / H0065 / C0001 / C109357 / 57079  
**Agency:** United States Tennis Association  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 3/1/2015 to 2/28/2016  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Programmatic advancements of wheelchair tennis through Adaptive Athletics at UH

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**Investigator:** Cottingham, Michael Dr. 80%  
**Award Amount:** \$3,480.00  
**Cost Center:** 00730 / 5021 / H0065 / C0001 / C109357 / 57079  
**Agency:** United States Tennis Association  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 3/1/2015 to 2/28/2016  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Programmatic advancements of wheelchair tennis through Adaptive Athletics at UH

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during APRIL****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology****Investigator:** Leasure, J. Leigh Dr. 5.9%**Award Amount:** \$23,579.17**Cost Center:** 00730 / 5013 / H0117 / B0001 / G108391 / 57162**Agency:** National Institute on Alcohol Abuse and Alcoholism**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 3/20/2015 to 2/29/2016**CFDA:** 93.077 Family Smoking Prevention and Tobacco Control Act Regulatory Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Role of Munc13-1 as a presynaptic effector of ethanol action

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**Investigator:** Spitzmueller, Christiane Dr. 100%**Award Amount:** \$16,157.00**Cost Center:** 00730 / 5013 / H0125 / B0100 / G109707 / 57194**Agency:** Michael E. DeBakey Veterans Affairs Medical Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 10/1/2014 to 9/30/2015**CFDA:** 64.033 VA Supportive Services for Veteran Families Program**CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** IPA 2: Linking Clinician Interaction and Coordination to Clinical Performance in VA PACT

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**Investigator:** Spitzmueller, Christiane Dr. 100%**Award Amount:** \$5,700.00**Cost Center:** 00730 / 5022 / H0125 / B0001 / C109104 / 56333**Agency:** Convergent Performance**Pass\_Thru Agency:****Agency Type:** PROFIT**Duration:** 8/1/2014 to 8/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Second Survey-Based Safety Culture Assessment for Convergent Performance

**UNIVERSITY OF HOUSTON**  
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**Fiscal Year 2015 - Received during APRIL**

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

**Investigator:** Fletcher, Jack Dr. 10%  
**Award Amount:** \$524.70  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**Investigator:** Barr, Christopher Dr. 20%  
**Award Amount:** \$9,217.60  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G109063 / 56124  
**Agency:** University of Miami  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 2/28/2015  
**CFDA:** 84.324 Special Education Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Reading Achievement Multi-Component Program (RAMP-UP)

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**School of Music**

**Investigator:** Austin, Alan Mr. 100%  
**Award Amount:** \$9,000.00  
**Cost Center:** 00730 / 5016 / H0090 / C0001 / C108232 / 57060  
**Agency:** Texas Commission on the Arts  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2014 to 8/31/2015  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Contract - Public Service  
**Project Title:** Yr2- Arts Create

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Biology/Biochemistry

**Investigator:** Kelleher Meisel, Erin Dr. 100%  
**Award Amount:** \$330,173.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G108847 / 57092  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/15/2015 to 2/28/2019  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Disentangling the Roles of Mutation and Selection in the Evolution of Host-Repression of Transposable Elements

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**Investigator:** Willson, Richard Dr. 10%  
**Award Amount:** \$18,812.50  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108761 / 56852  
**Agency:** National Institute of Allergy and Infectious Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2017  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Viral nanoparticles as ultrasensitive reporters in lateral-flow assays

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**Investigator:** Wells, Dan E. Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5999 / H0104 / B0100 / C109862 / 57016  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 8/31/2099  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP MATCH 15 - NSM - CONOCO PHILLIPS

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Biology/Biochemistry

**Investigator:** Chung, Sang-Hyuk Dr. 50%**Award Amount:** \$172,134.50**Cost Center:** 00730 / 5013 / H0515 / B0001 / G108706 / 57074**Agency:** National Cancer Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 4/1/2015 to 3/31/2016**CFDA:** 93.393 Cancer Cause and Prevention Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Mechanism of Progesterone Receptor in Cervical Cancer

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**Investigator:** Gunaratne, Preethi Dr. 100%**Award Amount:** \$40,558.00**Cost Center:** 00730 / 5021 / H0104 / B0001 / G107308 / 56482**Agency:** NYU Langone Medical Center**Pass\_Thru Agency:** State University of New York**Agency Type:** UNIVERSITY**Duration:** 6/1/2014 to 8/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Regulatory Networks Determining Sox2 Dependence of Osteosarcoma Stem Cells

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**Investigator:** Pennings, Steve Dr. 25%**Award Amount:** \$7,030.75**Cost Center:** 00730 / 5013 / H0104 / B0001 / G109352 / 56466**Agency:** University of Georgia**Pass\_Thru Agency:** National Science Foundation**Agency Type:** FEDERAL**Duration:** 9/1/2014 to 11/30/2015**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** LTER: Georgia Coastal Ecosystems-III

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

**Investigator:** Roman, Gregg Dr. 31.6%  
**Award Amount:** \$126,288.45  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G108391 / 57162  
**Agency:** National Institute on Alcohol Abuse and Alcoholism  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/20/2015 to 2/29/2016  
**CFDA:** 93.077 Family Smoking Prevention and Tobacco Control Act Regulatory Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Role of Munc13-1 as a presynaptic effector of ethanol action

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**Investigator:** Wells, Dan E. Dr. 100%  
**Award Amount:** \$207,187.50  
**Cost Center:** 00730 / 5999 / H0104 / B0100 / C109861 / 57017  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 8/31/2099  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP MATCH 15 - NSM - WELCH FOUNDATION

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**Investigator:** Pennings, Steve Dr. 50%  
**Award Amount:** \$27,005.00  
**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 1/31/2016  
**CFDA:** 11.417 Sea Grant Support  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Mangroves are invading Texas salt marshes: what are the consequences?

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Biology/Biochemistry

**Investigator:** Wells, Dan E. Dr. 100%  
**Award Amount:** \$166,666.75  
**Cost Center:** 00730 / 5999 / H0104 / B0100 / C109863 / 57014  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 8/31/2099  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP MATCH 15 - NSM - ENTERPRISE PRODUCTS

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**Investigator:** Garbey, Marc Dr. 37.5%  
**Award Amount:** \$10,546.13  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G109352 / 56466  
**Agency:** University of Georgia  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 11/30/2015  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LTER: Georgia Coastal Ecosystems-III

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**Investigator:** Weihua, Zhang Dr. 100%  
**Award Amount:** \$182,481.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G107184 / 55782  
**Agency:** National Institute on Aging  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2014 to 3/31/2016  
**CFDA:** 93.866 Aging Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Per1 Regulated SGLT1 Expression in the Pathogenesis of BPH During Aging

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Center for Nuclear Receptors and Cell Signaling

**Investigator:** Zhang, Xiaoliu Dr. 100%  
**Award Amount:** \$30,191.00  
**Cost Center:** 00730 / 5013 / H0515 / B0001 / G099896 / 45068  
**Agency:** National Cancer Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/14/2009 to 5/31/2015  
**CFDA:** 93.395 Cancer Treatment Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of an HSV-2 Based Oncolytic Virus

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**Investigator:** Chung, Sang-Hyuk Dr. 50%  
**Award Amount:** \$172,134.50  
**Cost Center:** 00730 / 5013 / H0515 / B0001 / G108706 / 57074  
**Agency:** National Cancer Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2016  
**CFDA:** 93.393 Cancer Cause and Prevention Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Mechanism of Progesterone Receptor in Cervical Cancer

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## Chemistry

**Investigator:** Hoffman, David M. Dr. 100%  
**Award Amount:** \$117,500.00  
**Cost Center:** 00730 / 5999 / H0107 / B0001 / C106945 / 55398  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 5/1/2013 to 8/31/2099  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP - CHEMISTRY WELCH

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Chemistry

**Investigator:** Cai, Chengzhi Dr. 20%  
**Award Amount:** \$73,745.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G104189 / 50786  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2012 to 4/30/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

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**Investigator:** Lubchenko, Vassiliy Dr. 100%  
**Award Amount:** \$152,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G109161 / 57056  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2018  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Structure and Electronic Anomalies of Amorphous Chalcogenides

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## Computer Science

**Investigator:** Chapman, Barbara M. Dr. 50%  
**Award Amount:** \$70,000.00  
**Cost Center:** 00730 / 5021 / H0246 / B0001 / G106248 / 53943  
**Agency:** UT-Battelle, LLC  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 11/1/2012 to 10/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** OpenSHMEM Support

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Computer Science

**Investigator:** Verma, Rakesh M. Dr. 25%**Award Amount:** \$34,250.00**Cost Center:** 00730 / 5013 / H0108 / B0001 / G108123 / 55751**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2014 to 7/31/2019**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Research**Project Title:** Scholarships for Service: Increasing Talented Trusted Computing Professionals

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**Investigator:** Shi, Weidong Dr. 25%**Award Amount:** \$34,250.00**Cost Center:** 00730 / 5013 / H0108 / B0001 / G108123 / 55751**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2014 to 7/31/2019**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Research**Project Title:** Scholarships for Service: Increasing Talented Trusted Computing Professionals

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**Investigator:** Huang, Shou-Hsuan Dr. 25%**Award Amount:** \$34,250.00**Cost Center:** 00730 / 5013 / H0108 / B0001 / G108123 / 55751**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2014 to 7/31/2019**CFDA:** 47.076 Education and Human Resources**CB Designation:** Non Research**Project Type:** Grant - Research**Project Title:** Scholarships for Service: Increasing Talented Trusted Computing Professionals

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

**Investigator:** Pavlidis, Ioannis Dr. 50%  
**Award Amount:** \$85,099.00  
**Cost Center:** 00730 / 5022 / H0288 / B0001 / G106793 / 55148  
**Agency:** Toyota Motor Corporation  
**Pass\_Thru Agency:** Texas Transportation Institute  
**Agency Type:** STATE  
**Duration:** 1/17/2014 to 1/17/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Toyota Economic Loss Settlement Safety Research

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**Investigator:** Leiss, Ernst L. Dr. 25%  
**Award Amount:** \$34,250.00  
**Cost Center:** 00730 / 5013 / H0108 / B0001 / G108123 / 55751  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2014 to 7/31/2019  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Research  
**Project Title:** Scholarships for Service: Increasing Talented Trusted Computing Professionals

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**Investigator:** Gnawali, Omprakash Dr. 100%  
**Award Amount:** \$7,000.00  
**Cost Center:** 00730 / 5013 / H0108 / B0001 / G109677 / 56975  
**Agency:** People Power  
**Pass\_Thru Agency:** U.S. Navy Office of Naval Research  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 4/1/2015  
**CFDA:** 12.300 Basic and Applied Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Effectiveness of User Engagement in Reducing Residential Energy Use and the Stickiness of the Habits Formed by the Users During the Phase of Engagement

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**Fiscal Year 2015 - Received during APRIL**

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

**Investigator:** Lefer, Barry Dr. 25%  
**Award Amount:** \$34,197.50  
**Cost Center:** 00730 / 5016 / H0109 / B0001 / G109865 / 57072  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/20/2015 to 3/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis of Impacts of Nitrogen Oxides , Volatile Organic Compound, and Meteorological Variables on Ozone and Ozone Production at two Key Sites in Houston

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**Investigator:** Jiang, Xun Dr. 50%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5013 / H0429 / B0001 / G103623 / 53806  
**Agency:** California Institute of Technology  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Agency Type:** FEDERAL  
**Duration:** 5/22/2013 to 3/31/2016  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Enhancing the Speed and Quality of CO2 Retrievals From the OCO-2 Mission

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**Investigator:** Choi, Yunsoo Dr. 100%  
**Award Amount:** \$84,927.00  
**Cost Center:** 00730 / 5018 / H0109 / B0001 / G107737 / 57006  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** Texas Commission on Environmental Quality  
**Agency Type:** STATE  
**Duration:** 1/27/2015 to 9/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Constraining NOx Emissions Using Satellite NO2 Column Measurements Over the Southeast Texas

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Earth &amp; Atmospheric Sciences

**Investigator:** Snow, Jonathan Dr. 33%  
**Award Amount:** \$8,250.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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**Investigator:** Hall, Stuart A. Dr. 33%  
**Award Amount:** \$8,250.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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**Investigator:** Murphy, Michael Dr. 34%  
**Award Amount:** \$8,500.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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

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

**Investigator:** Flynn, James Dr. 25%  
**Award Amount:** \$34,197.50  
**Cost Center:** 00730 / 5016 / H0109 / B0001 / G109865 / 57072  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/20/2015 to 3/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis of Impacts of Nitrogen Oxides , Volatile Organic Compound, and Meteorological Variables on Ozone and Ozone Production at two Key Sites in Houston

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**Investigator:** Sager, William Dr. 100%  
**Award Amount:** \$71,006.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G108868 / 57075  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2016  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Proposal: How Did the World's Largest Single Volcano Form at a Triple Junction? A Magnetic and Bathymetry Survey of Tamu Massif, Shatsky Rise

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**Investigator:** Robinson, Alexander Dr. 100%  
**Award Amount:** \$76,751.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G108731 / 56851  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2018  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Investigating Mesozoic deformation in the Pamir: Implications for crustal thickening in the Pamir and the evolution of the Tibetan orogen

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during APRIL****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Earth & Atmospheric Sciences**

**Investigator:** Han, De-Hua Dr. 100%  
**Award Amount:** \$40,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C106965 / 53599  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 5/30/2013 to 12/31/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Fluid & Rock Properties and Seismic Hydrocarbon Indicators

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**Institute for Climate and Atmospheric Science**

**Investigator:** Flynn, James Dr. 25%  
**Award Amount:** \$34,197.50  
**Cost Center:** 00730 / 5016 / H0109 / B0001 / G109865 / 57072  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/20/2015 to 3/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis of Impacts of Nitrogen Oxides , Volatile Organic Compound, and Meteorological Variables on Ozone and Ozone Production at two Key Sites in Houston

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**Investigator:** Lefer, Barry Dr. 25%  
**Award Amount:** \$34,197.50  
**Cost Center:** 00730 / 5016 / H0109 / B0001 / G109865 / 57072  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/20/2015 to 3/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis of Impacts of Nitrogen Oxides , Volatile Organic Compound, and Meteorological Variables on Ozone and Ozone Production at two Key Sites in Houston

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

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Institute for Climate and Atmospheric Science**

**Investigator:** Jiang, Xun Dr. 50%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5013 / H0429 / B0001 / G103623 / 53806  
**Agency:** California Institute of Technology  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Agency Type:** FEDERAL  
**Duration:** 5/22/2013 to 3/31/2016  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Enhancing the Speed and Quality of CO2 Retrievals From the OCO-2 Mission

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**Mathematics**

**Investigator:** Quaini, Annalisa Dr. 50%  
**Award Amount:** \$58,244.50  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G105931 / 53979  
**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

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**Investigator:** Canic, Suncica Dr. 50%  
**Award Amount:** \$58,244.50  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G105931 / 53979  
**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

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Mathematics

**Investigator:** Onofrei, Daniel Dr. 100%  
**Award Amount:** \$120,000.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G105545 / 52748  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/15/2013 to 3/14/2016  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Control of electromagnetic fields

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## Physics

**Investigator:** Timmins, Anthony Dr. 100%  
**Award Amount:** \$120,000.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G108591 / 56734  
**Agency:** U.S. Department of Energy - Office of Science  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2017  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Characterization of the initial state and medium properties of heavy-ion collisions at ALICE

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**Investigator:** Pinsky, Lawrence S. Dr. 100%  
**Award Amount:** \$37,120.00  
**Cost Center:** 00730 / 5016 / H0112 / B0001 / G108055 / 55068  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/1/2014 to 1/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Implementation of radiosensitive gel to verify dose distributions for MR-guided treatment delivery systems

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

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Ren, Zhifeng Dr. 17%  
**Award Amount:** \$39,100.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**Investigator:** Chen, Shuo Dr. 16.5%  
**Award Amount:** \$37,950.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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

**Investigator:** Berntsen, David Dr. 100%  
**Award Amount:** \$530,914.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G109914 / 57091  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2016  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** NIH U10-Soft Bifocal Contact Lens Myopia Control

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

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

**Investigator:** Frishman, Laura J. Dr. 100%  
**Award Amount:** \$109,653.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G109905 / 57102  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2016  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Short-term Training in Health Professional Schools

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**Investigator:** Smith III, Earl L. Dr. 100%  
**Award Amount:** \$219,159.48  
**Cost Center:** 00730 / 5021 / H0114 / B0001 / C108818 / 55752  
**Agency:** Brien Holden Vision Institute  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 7/1/2014 to 6/30/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Optical Intervention

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**Investigator:** McDermott, Alison Dr. 80%  
**Award Amount:** \$294,980.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G104189 / 50786  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2012 to 4/30/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

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

**COLLEGE OF PHARMACY****Clinical Pharmacy & Administration**

**Investigator:** Trivedi, Meghana Dr. 100%  
**Award Amount:** \$224,400.00  
**Cost Center:** 00730 / 5013 / H0118 / B0001 / C108239 / 56453  
**Agency:** U.S. Army Medical Research Acquisition Activity  
**Pass\_Thru Agency:** U.S. Department of Defense  
**Agency Type:** FEDERAL  
**Duration:** 9/30/2014 to 9/29/2017  
**CFDA:** 12.420 Military Medical Research and Development  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Targeting GPR110 in HER2-Overexpressing Breast Cancer

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**Heart and Kidney Institute**

**Investigator:** McConnell, Bradley Dr. 5%  
**Award Amount:** \$3,500.00  
**Cost Center:** 00730 / 5021 / H0117 / B0001 / C108899 / 56910  
**Agency:** American Heart Association-SouthWest Affiliate  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Probes to Elucidate the Role of BMP Signaling in Vasculature Calcification

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**Institute for Community Health**

**Investigator:** Fleming, Marc Dr. 2.5%  
**Award Amount:** \$2,487.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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

**COLLEGE OF PHARMACY****Institute for Community Health**

**Investigator:** Abughosh, Susan Dr. 2.5%  
**Award Amount:** \$2,487.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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**Investigator:** Sansgiry, Sujit Dr. 45%  
**Award Amount:** \$44,769.60  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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**Pharm Health Outcomes & Policy**

**Investigator:** Fleming, Marc Dr. 2.5%  
**Award Amount:** \$2,487.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2015 - Received during APRIL****COLLEGE OF PHARMACY****Pharm Health Outcomes & Policy**

**Investigator:** Sansgiry, Sujit Dr. 45%  
**Award Amount:** \$44,769.60  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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**Investigator:** Abughosh, Susan Dr. 2.5%  
**Award Amount:** \$2,487.20  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C109236 / 56974  
**Agency:** GlaxoSmithKline  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2014 to 12/9/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Of Medicare Advantage Prescription Drug Coverage Gap Among COPD Patients: Analysis Of Risk Of Hospitalization

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**Pharmacological and Pharmaceutical Sciences**

**Investigator:** Das, Joydip Dr. 62.5%  
**Award Amount:** \$249,779.38  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G108391 / 57162  
**Agency:** National Institute on Alcohol Abuse and Alcoholism  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/20/2015 to 2/29/2016  
**CFDA:** 93.077 Family Smoking Prevention and Tobacco Control Act Regulatory Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Role of Munc13-1 as a presynaptic effector of ethanol action

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

**COLLEGE OF PHARMACY****Pharmacological and Pharmaceutical Sciences**

**Investigator:** Udugamasooriya, Damith      100%  
**Award Amount:** \$294,707.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G109953 / 57161  
**Agency:** National Cancer Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2015 to 3/31/2018  
**CFDA:** 93.395      Cancer Treatment Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Phosphatidylserine Targeted Tumor Cell Lytic Peptides

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**Investigator:** McConnell, Bradley Dr.      5%  
**Award Amount:** \$3,500.00  
**Cost Center:** 00730 / 5021 / H0117 / B0001 / C108899 / 56910  
**Agency:** American Heart Association-SouthWest Affiliate  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Probes to Elucidate the Role of BMP Signaling in Vasculature Calcification

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**Investigator:** Cuny, Gregory Dr.      90%  
**Award Amount:** \$63,000.00  
**Cost Center:** 00730 / 5021 / H0117 / B0001 / C108899 / 56910  
**Agency:** American Heart Association-SouthWest Affiliate  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Probes to Elucidate the Role of BMP Signaling in Vasculature Calcification

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

**COLLEGE OF PHARMACY****Pharmacological and Pharmaceutical Sciences**

**Investigator:** Eriksen, Jason Dr. 100%  
**Award Amount:** \$15,000.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G107212 / 56650  
**Agency:** University of Maryland  
**Pass\_Thru Agency:** National Institute on Aging  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 4/30/2015  
**CFDA:** 93.866 Aging Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Secretary Chaperone 7B2 as an Endogenous Regulator of Amyloid Pathology

---

**COLLEGE OF TECHNOLOGY****Engineering Technology**

**Investigator:** Taylor, Shelton Dr. 100%  
**Award Amount:** \$350,845.00  
**Cost Center:** 00730 / 5013 / H0139 / B0001 / G109477 / 56662  
**Agency:** National Institute on Deafness and Other Communication Disorders  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/24/2014 to 8/31/2015  
**CFDA:** 93.121 Oral Diseases and Disorders Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Role of Biofilm on Margin Stability and the Development of Secondary Caries

---

**Investigator:** Pascali, Raresh Dr. 14%  
**Award Amount:** \$89,585.30  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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

**COLLEGE OF TECHNOLOGY****Engineering Technology**

**Investigator:** Moges, Mequanint Dr. 14%  
**Award Amount:** \$89,585.30  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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**Investigator:** El Nahas, Medhat Dr. 14%  
**Award Amount:** \$89,585.30  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

---

**Investigator:** Attarzadeh, Farrokh Dr. 14%  
**Award Amount:** \$89,585.30  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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

**COLLEGE OF TECHNOLOGY****Engineering Technology**

**Investigator:** Yuan, Xiaojing Dr. 15%  
**Award Amount:** \$95,984.25  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

---

**Investigator:** Malki, Heidar A. Dr. 15%  
**Award Amount:** \$95,984.25  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

---

**Investigator:** Robles-Hernande, Francisco Dr. 14%  
**Award Amount:** \$89,585.30  
**Cost Center:** 00730 / 5013 / H0139 / H0001 / G109119 / 57021  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2015 to 5/31/2020  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Succeed in Engineering Technology Scholars (SETS):  
Identifying and Developing Future Technology Leaders

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

**COLLEGE OF TECHNOLOGY****Human Development and Consumer Science**

**Investigator:** Hines, Andrew Dr. 100%  
**Award Amount:** \$6,480.00  
**Cost Center:** 00730 / 5021 / H0140 / B0100 / C107983 / 54627  
**Agency:** Lumina Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 10/9/2013 to 9/30/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Lumina Project

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

**Investigator:** Stein, Gila Dr. 100%  
**Award Amount:** \$16,972.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G104102 / 50569  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2012 to 5/31/2017  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Controlling the Morphology of Polymer/Fullerene Solar Cells

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**Investigator:** Rimer, Jeffrey Dr. 100%  
**Award Amount:** \$81,069.00  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / C107559 / 54403  
**Agency:** Shell Oil Company  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2014 to 12/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Tailored Zeolite Synthesis

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

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

**Investigator:** Donnelly, Vincent Dr. 100%  
**Award Amount:** \$71,385.00  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / C107484 / 54758  
**Agency:** Samsung Electronics  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/11/2014 to 9/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Investigate Plasma Wall Interactions

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**Investigator:** Conrad, Jacinta Dr. 50%  
**Award Amount:** \$82,500.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106744 / 54700  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/21/2014 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:** Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

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**Investigator:** Vekilov, Peter Dr. 50%  
**Award Amount:** \$82,500.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106744 / 54700  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/21/2014 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:** Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

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CULLEN COLLEGE OF ENGINEERING

## Chemical Engineering

**Investigator:** Willson, Richard Dr. 60%  
**Award Amount:** \$112,875.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108761 / 56852  
**Agency:** National Institute of Allergy and Infectious Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2017  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Viral nanoparticles as ultrasensitive reporters in lateral-flow assays

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**Investigator:** Conrad, Jacinta Dr. 20%  
**Award Amount:** \$37,625.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108761 / 56852  
**Agency:** National Institute of Allergy and Infectious Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2017  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Viral nanoparticles as ultrasensitive reporters in lateral-flow assays

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**Investigator:** Kourentzi, Ekaterini Dr. 10%  
**Award Amount:** \$18,812.50  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108761 / 56852  
**Agency:** National Institute of Allergy and Infectious Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2015 to 1/31/2017  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Viral nanoparticles as ultrasensitive reporters in lateral-flow assays

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**UNIVERSITY OF HOUSTON**  
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**Fiscal Year 2015 - Received during APRIL**

**CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

**Investigator:** Hu, Yandi Dr. 100%  
**Award Amount:** \$800.00  
**Cost Center:** 00730 / 5021 / H0068 / B0100 / C109855 / 57095  
**Agency:** Oak Ridge Associated Universities  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 3/1/2015 to 9/30/2015  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ORAU Travel Grants Program

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**Investigator:** Lee, Hyongki Dr. 100%  
**Award Amount:** \$159,607.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G105108 / 51357  
**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** 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

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**Investigator:** Glennie, Craig Dr. 100%  
**Award Amount:** \$96,312.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107166 / 55166  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2014 to 3/31/2016  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Open Source Tools for Processing of Raw LiDAR Observations

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

**Investigator:** Prasad, Saurabh Dr. 100%  
**Award Amount:** \$89,941.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G107380 / 55615  
**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2014 to 5/30/2017  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Novel Bayesian Image Analysis for Robust Multisensor Remote Sensing with Applications to Coastal Ecosystem Monitoring

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**Mechanical Engineering**

**Investigator:** Franchek, Matthew Dr. 100%  
**Award Amount:** \$37,500.00  
**Cost Center:** 00730 / 5999 / H0073 / B0100 / C109820 / 57010  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 3/1/2015 to 8/31/2099  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TRIP MATCH 15 - ENGINEER - NATIONAL OILWELL VARCO

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**Investigator:** Franchek, Matthew Dr. 50%  
**Award Amount:** \$135,499.98  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C109602 / 57059  
**Agency:** Transocean  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis Led Design of BOP Control Systems

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**UNIVERSITY OF HOUSTON**  
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**CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**Investigator:** Grigoriadis, Karolos M. Dr. 50%  
**Award Amount:** \$135,499.98  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C109602 / 57059  
**Agency:** Transocean  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2015 to 12/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Analysis Led Design of BOP Control Systems

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**Investigator:** Hadjiev, Viktor Dr. 30%  
**Award Amount:** \$9,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107520 / 54264  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 12/31/2015  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL COLLABORATION PROGRAM - MATERIALS and MANUFACTURING RESEARCH  
Raman Microscopy Characterization and Computational Simulations of Refractory Matrices and Nanocrystalline Carbides

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**Investigator:** Selvamanickam, Venkat Dr. 60%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G104069 / 50171  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2012 to 6/30/2015  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** High Performance, Low Cost Superconducting Wires and Coils for High Power Wind Generators

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**UNIVERSITY OF HOUSTON**  
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**Fiscal Year 2015 - Received during APRIL**

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

**Investigator:** Chapman, Barbara M. Dr.      50%  
**Award Amount:** \$70,000.00  
**Cost Center:** 00730 / 5021 / H0246 / B0001 / G106248 / 53943  
**Agency:** UT-Battelle, LLC  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 11/1/2012 to 10/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** OpenSHMEM Support

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**Houston Coastal Center**

**Investigator:** Pennings, Steve Dr.      37.5%  
**Award Amount:** \$10,546.13  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G109352 / 56466  
**Agency:** University of Georgia  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 11/30/2015  
**CFDA:** 47.050      Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LTER: Georgia Coastal Ecosystems-III

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**TcSUH**

**Investigator:** Hadjiev, Viktor Dr.      70%  
**Award Amount:** \$21,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G107520 / 54264  
**Agency:** Clarkson Aerospace Corporation  
**Pass\_Thru Agency:** U.S. Air Force Research Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 12/31/2015  
**CFDA:** 12.800      Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AFRL COLLABORATION PROGRAM - MATERIALS and MANUFACTURING RESEARCH  
Raman Microscopy Characterization and Computational Simulations of Refractory Matrices and Nanocrystalline Carbides

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
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**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Selvamanickam, Venkat Dr. 40%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G104069 / 50171  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2012 to 6/30/2015  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** High Performance, Low Cost Superconducting Wires and Coils for High Power Wind Generators

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**Investigator:** Chen, Shuo Dr. 16.5%  
**Award Amount:** \$37,950.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$115,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G106483 / 52950  
**Agency:** U.S. Air Force Academy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 4/30/2018  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Vibration Spectrometer for Detecting Single Atoms Using Carbon Nanotube Resonator Arrays

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
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**DIVISION OF RESEARCH****TIMES**

**Investigator:** Pavlidis, Ioannis Dr. 50%  
**Award Amount:** \$85,099.00  
**Cost Center:** 00730 / 5022 / H0288 / B0001 / G106793 / 55148  
**Agency:** Toyota Motor Corporation  
**Pass\_Thru Agency:** Texas Transportation Institute  
**Agency Type:** STATE  
**Duration:** 1/17/2014 to 1/17/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Toyota Economic Loss Settlement Safety Research

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**Investigator:** Barr, Christopher Dr. 80%  
**Award Amount:** \$36,870.40  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G109063 / 56124  
**Agency:** University of Miami  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 2/28/2015  
**CFDA:** 84.324 Special Education Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Reading Achievement Multi-Component Program (RAMP-UP)

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**GRADUATE COLLEGE OF SOCIAL WORK****Community Projects - Social Work**

**Investigator:** Steinberg, Catherine Dr. 25%  
**Award Amount:** \$1,311.75  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**UNIVERSITY OF HOUSTON**  
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**GRADUATE COLLEGE OF SOCIAL WORK**

**Dean, Social Work**

**Investigator:** Colby, Ira Dr. 10%  
**Award Amount:** \$524.70  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**UH LAW CENTER**

**Law-UH**

**Investigator:** Roberts, Jessica Dr. 10%  
**Award Amount:** \$524.70  
**Cost Center:** 00730 / 5015 / H0087 / B0001 / G106839 / 52975  
**Agency:** University of Texas Medical School at Houston  
**Pass\_Thru Agency:** Health Resources and Services Administration  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2012 to 6/30/2015  
**CFDA:** 93.110 Maternal and Child Health Federal Consolidated Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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**UNIVERSITY OF HOUSTON**  
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UH LAW CENTER

Law-UH

**Investigator:** Evans, Barbara Dr. 100%  
**Award Amount:** \$17,927.00  
**Cost Center:** 00730 / 5013 / H0099 / B0001 / G109738 / 57093  
**Agency:** University of Washington  
**Pass\_Thru Agency:** National Human Genome Research Institute  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2014 to 11/30/2015  
**CFDA:** 93.172 Human Genome Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** -Clinical sequencing in cancer: Clinical, ethical, and technological studies-

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**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$8,268,594.00  
**State Funding:** \$1,906,889.25  
**Local Funding:** \$0.00  
**Profit Funding:** \$593,641.96  
**Non Profit Funding:** \$262,261.00  
**Foundation Funding:** \$54,890.00  
**University Funding:** \$261,717.88  
**Total:** **\$11,347,994.09**