

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF ARCHITECTURE****Community Design Resource Center**

**Investigator:** Rogers, Susan Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5021 / H0574 / C0001 / C112400 / 59980  
**Agency:** KaBoom!, Inc  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 8/29/2016 to 12/23/2016  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** The Play Everywhere Challenge

---

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

**Investigator:** Freiberg, H. Jerome Dr. 100%  
**Award Amount:** \$99,009.00  
**Cost Center:** 00730 / 5019 / H0063 / B0100 / C111867 / 59989  
**Agency:** Aldine Independent School District  
**Pass\_Thru Agency:**  
**Agency Type:** LOCAL  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CMCD: Aldine ISD - Hoffman Middle School FY17

---

**Investigator:** Freiberg, H. Jerome Dr. 100%  
**Award Amount:** \$85,995.00  
**Cost Center:** 00730 / 5019 / H0063 / B0100 / C111868 / 60016  
**Agency:** Aldine Independent School District  
**Pass\_Thru Agency:**  
**Agency Type:** LOCAL  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CMCD: Aldine ISD - Drew Academy FY17

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF EDUCATION****Consistency Mgmt and Coop Disc**

**Investigator:** Freiberg, H. Jerome Dr. 100%  
**Award Amount:** \$99,009.00  
**Cost Center:** 00730 / 5019 / H0063 / B0100 / C111866 / 59988  
**Agency:** Aldine Independent School District  
**Pass\_Thru Agency:**  
**Agency Type:** LOCAL  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CMCD: Aldine ISD - Stovall Middle School FY17

---

**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  
**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.

---

**UH Charter School**

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$290.00  
**Cost Center:** 00730 / 5016 / H0441 / C0001 / C105879 / 51918  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** Governor - Executive  
**Agency Type:** STATE  
**Duration:** 8/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** School Lunch Matching

---

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during OCTOBER

COLLEGE OF EDUCATION

## UH Charter School

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$213,108.58  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104213 / 49761  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation School Program Leadership S&W FY 12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$4,650.00  
**Cost Center:** 00730 / 5014 / H0441 / C0001 / C104228 / 49775  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:** 10.553  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: School Breakfast Program FY12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$656,168.80  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104216 / 49772  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School; Foundation School Program Teacher S&W FY12

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF EDUCATION****UH Charter School**

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$6,000.00  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C109232 / 56379  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** Governor - Executive  
**Agency Type:** STATE  
**Duration:** 9/1/2014 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation School Program Administration - Bilingual Education Allotment

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$16,000.00  
**Cost Center:** 00730 / 5014 / H0441 / C0001 / C104229 / 49776  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:** 10.555  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: National School Lunch Program FY 12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$89,000.00  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104214 / 49770  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation School Program Special Education S&W FY12

---

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during OCTOBER

COLLEGE OF EDUCATION

## UH Charter School

**Investigator:** Paquin, Patricia Mrs. 100%  
**Award Amount:** \$2,714.00  
**Cost Center:** 00730 / 5014 / H0441 / C0001 / C104225 / 49773  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:** 84.367 Improving Teacher Quality State Grants  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Title II, Part A FY12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$15,155.00  
**Cost Center:** 00730 / 5014 / H0441 / C0001 / C104226 / 49774  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:** 84.010  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Title I, Part A FY 12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104212 / 49760  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation Fund Program Fund TEA

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF EDUCATION****UH Charter School**

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$76,207.02  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104215 / 49771  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation School Program Administration S&W FY 12

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$42,421.60  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C109231 / 56380  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** Governor - Executive  
**Agency Type:** STATE  
**Duration:** 9/1/2014 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Charter School: Foundation School Program Administration - Compensatory Education Allotment

---

**Investigator:** Black, Carolyn Dr. 100%  
**Award Amount:** \$19,726.00  
**Cost Center:** 00730 / 5017 / H0441 / C0001 / C104441 / 49964  
**Agency:** Texas Education Agency  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** UH Charter School Instructional Materials Allotment FY 2011-2013

---

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Communication Sciences and Disorders

**Investigator:** Johnson, Kia Dr. 100%  
**Award Amount:** \$7,496.00  
**Cost Center:** 00730 / 5021 / H0087 / B0001 / C111833 / 60101  
**Agency:** American Speech-Language-Hearing Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 8/1/2016 to 10/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Differential Diagnosis of Stuttering in Bilingual Spanish-English Speaking Children

---

## Economics

**Investigator:** Juhn, Chinhui Dr. 100%  
**Award Amount:** \$44,948.00  
**Cost Center:** 00730 / 5021 / H0122 / B0001 / C111358 / 59745  
**Agency:** Russell Sage Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2016 to 1/31/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Visiting Scholar

---

## Health and Human Performance

**Investigator:** Lee, Beom-Chan Dr. 100%  
**Award Amount:** \$12,148.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G112056 / 59631  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center in Houston  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2016 to 9/30/2017  
**CFDA:** 64.000 Department of Veterans Affairs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of accurate and reliable algorithms for evaluating Parkinsonian tremor

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Health and Human Performance**

**Investigator:** Simpson, Richard Dr. 50%  
**Award Amount:** \$4,886.00  
**Cost Center:** 00730 / 5022 / H0500 / B0001 / C111498 / 58921  
**Agency:** ORRECO  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2016 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Biomarker Profiling of Professional Athletes

---

**Investigator:** Lee, Beom-Chan Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5021 / H0065 / B0001 / C111592 / 59533  
**Agency:** American Parkinson's Disease Association  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Validation of smartphone-based sensory augmentation technology for home-based balance training of people with Parkinson's Disease

---

**Investigator:** Lee, Beom-Chan Dr. 100%  
**Award Amount:** \$26,978.00  
**Cost Center:** 00730 / 5021 / H0065 / B0001 / C112209 / 59982  
**Agency:** Korea Institute of Robot and Convergence (KIRO)  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The effects of exercise training combined with assistive technologies on spasticity, balance, and gait in individuals with post-stroke hemiparesis

---



**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****History**

**Investigator:** Mizelle, Richard Dr. 100%  
**Award Amount:** \$42,000.00  
**Cost Center:** 00730 / 5021 / H0089 / B0001 / C111843 / 59757  
**Agency:** National Humanities Center  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 5/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** NHS Fellowship

---

**Investigator:** Perales, Monica Dr. 100%  
**Award Amount:** \$708.00  
**Cost Center:** 00730 / 5013 / H0089 / C0001 / C112330 / 59969  
**Agency:** Humanities Texas  
**Pass\_Thru Agency:** National Endowment for the Humanities  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2016 to 10/31/2016  
**CFDA:** 45.129 Promotion of the Humanities - Federal/State Partnership  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Through the Decades: A Pop-up Museum Exhibit Space

---

**Political Science**

**Investigator:** Kennedy, Ryan Dr. 100%  
**Award Amount:** \$30,045.00  
**Cost Center:** 00730 / 5021 / H0124 / B0100 / C110680 / 58109  
**Agency:** Congressional Management Foundation  
**Pass\_Thru Agency:** Democracy Fund  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2015 to 6/30/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Congress 3.0

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

**Investigator:** Derrick, Jaye Dr. 100%  
**Award Amount:** \$36,323.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G111807 / 59379  
**Agency:** The Research Foundation of State University of New York at Buffalo  
**Pass\_Thru Agency:** National Institute on Drug Abuse  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2016 to 4/30/2017  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Proximal Effects of Marijuana in Understanding Intimate Partner Violence

---

**Investigator:** Barr, Christopher Dr. 20%  
**Award Amount:** \$6,907.20  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G104249 / 51746  
**Agency:** Georgia State University  
**Pass\_Thru Agency:** Institute of Education Sciences  
**Agency Type:** FEDERAL  
**Duration:** 9/17/2012 to 8/31/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers

---

**Investigator:** Woods, Steven Dr. 100%  
**Award Amount:** \$23,207.88  
**Cost Center:** 00730 / 5021 / H0125 / B0100 / G112276 / 59675  
**Agency:** Texas Children's Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Clinical Neuropsychology Training-BCM/TCH Blue Bird Circle Clinic-Evankovich Student: Amanda Child

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

**Investigator:** Fletcher, Jack Dr. 20%  
**Award Amount:** \$9,584.20  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G110413 / 57754  
**Agency:** George Washington University  
**Pass\_Thru Agency:** National Institute of Child Health and Human Development  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2017  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A Follow-up of Children Enrolled in the Management of Myelomeningocele Study

**Investigator:** Lu, Qian Dr. 100%  
**Award Amount:** \$292,725.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G107566 / 56882  
**Agency:** National Cancer Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 6/30/2019  
**CFDA:** 93.393 Cancer Cause and Prevention Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Joy Luck Academy: A Culturally Sensitive Social Support Intervention

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

**Investigator:** Briggs, James 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.

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Biology/Biochemistry

**Investigator:** Cooper, Tim Dr. 100%  
**Award Amount:** \$8,196.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / C112533 / 59986  
**Agency:** University of Canterbury  
**Pass\_Thru Agency:** U.S. Army Research Office  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2016 to 11/20/2016  
**CFDA:** 12.431 Basic Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Not Different, Just Better: The Adaptive Evolution of an Enzyme

---

## Chemistry

**Investigator:** May, Jeremy Dr. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0107 / B0001 / C109197 / 57727  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 7/1/2015 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Conversion of Alkynes to alpha-Branched Products via Propargylic Substitution

---

**Investigator:** Miljanic, Ognjen Dr. 20%  
**Award Amount:** \$77,705.20  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110948 / 59733  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2019  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** MONOLAYER CATALYST AS TRANSFORMATIVE CONCEPT FOR EFFICIENT ELECTROLYTIC HYDROGEN ISOTOPE SEPARATION

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Chemistry**

**Investigator:** Do, Loi Dr. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0107 / B0001 / C108274 / 57635  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2015 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Upgrading Polyethylene: Copolymerization of Ethylene and Polar Vinyl Monomers Facilitated by Lewis Acid Appended Ni and Pd Catalysts

---

**Investigator:** Baldelli, Steve Dr. 100%  
**Award Amount:** \$450,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G111173 / 59847  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/15/2016 to 8/31/2020  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** OP: Compressive Nonlinear Optical Microscopy for Dynamic Chemical Imaging of Surfaces

---

**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.

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science****Investigator:** Tsekos, Nikolaos Dr. 50%**Award Amount:** \$303,968.50**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112067 / 59802**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 1/1/2017 to 12/31/2019**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CPS: Synergy: Collaborative Research: MRI Powered & Guided Tetherless Effectors for Localized Therapeutic Interventions

---

**Investigator:** Pandurangan, Gopal Dr. 100%**Award Amount:** \$549,877.00**Cost Center:** 00730 / 5013 / H0108 / B0001 / G111475 / 59795**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2016 to 8/31/2020**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** BIGDATA:Collaborative Research:F:Efficient Distributed Computation of Large-Scale Graph Problems in Epidemiology and Contagion Dynamics

---

**Dean, Natural Sciences and Mathematics****Investigator:** Paulose, Maggie Dr. 10%**Award Amount:** \$4,240.00**Cost Center:** 00730 / 5022 / H0112 / B0001 / C110548 / 58427**Agency:** Shell International Exploration and Production Inc.**Pass\_Thru Agency:****Agency Type:** PROFIT**Duration:** 11/1/2015 to 3/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Plasmon Resonance to Improve the Photocatalytic Generation of HC Fuels

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****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:**  
**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.

---

**Earth & Atmospheric Sciences**

**Investigator:** Mann, Paul Dr. 100%  
**Award Amount:** \$60,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C106782 / 52937  
**Agency:** Consortium Members - For Profit  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2012 to 8/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

---

**Mathematics**

**Investigator:** Timofeyev, Ilya Dr. 100%  
**Award Amount:** \$190,000.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G111155 / 59797  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2019  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Density-enhanced data assimilation for hyperbolic balance laws

---

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Mathematics

**Investigator:** Canic, Suncica Dr. 100%  
**Award Amount:** \$183,213.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G111129 / 59825  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/15/2016 to 8/31/2018  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Fluid-elastic structure interaction with the Navier slip boundary condition

---

**Investigator:** Labate, Demetrio Dr. 100%  
**Award Amount:** \$7,000.00  
**Cost Center:** 00730 / 5021 / H0110 / B0001 / C111284 / 59798  
**Agency:** Simons Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2016 to 8/31/2021  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Sparse multiscale representations and applications to multidimensional data

---

**Investigator:** Onofrei, Daniel Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G111961 / 59799  
**Agency:** University of Minnesota  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/10/2016 to 12/15/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Institute for Mathematics and its Applications 2016-17 annual program - Mathematics and Optics

---



## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2017 - Received during OCTOBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Mathematics

**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.

---

**Investigator:** Torok, Andrei Dr. 100%  
**Award Amount:** \$7,000.00  
**Cost Center:** 00730 / 5021 / H0110 / B0001 / G104972 / 51714  
**Agency:** Simons Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2012 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Properties of dynamical systems with some hyperbolicity

---

## Physics

**Investigator:** Pinsky, Lawrence S. Dr. 100%  
**Award Amount:** \$542,742.95  
**Cost Center:** 00730 / 5043 / H0112 / B0001 / C110992 / 58630  
**Agency:** Wyle Science Technology and Engineering Group  
**Pass\_Thru Agency:** NASA Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 11/6/2015 to 9/30/2017  
**CFDA:** 43.007 Space Operations  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Station Detailed Test Objective (SDTO) for the Radiation Environment Monitor (REM); & Battery-operated Independent Radiation Detector (BIRD); & Hybrid Electronic Radiation Assessor (HERA); & Timepix3 Development Projects

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Varghese, Oomman Dr. 90%  
**Award Amount:** \$38,160.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / C110548 / 58427  
**Agency:** Shell International Exploration and Production Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 11/1/2015 to 3/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Plasmon Resonance to Improve the Photocatalytic Generation of HC Fuels

---

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

**Investigator:** Raghunathan, Vijaykrishna Dr. 100%  
**Award Amount:** \$37,422.49  
**Cost Center:** 00730 / 5021 / H0114 / B0001 / C112080 / 59577  
**Agency:** BrightFocus Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 7/1/2016 to 6/30/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Steroid Induced Modulation of Extracellular Matrix

---

**Investigator:** Smith III, Earl L. Dr. 100%  
**Award Amount:** \$37,510.00  
**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

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF PHARMACY****Clinical Pharmacy & Administration**

**Investigator:** Beyda, Nicholas Dr. 100%  
**Award Amount:** \$31,000.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / C110698 / 58895  
**Agency:** Astellas Pharma US, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/17/2015 to 4/30/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Adaptive Cell Wall Responses to Caspofungin and Micafungin Among Echinocandin Susceptible and Resistant C. Glabrata: Characterization and Implications on Virulence and Host Immune Responses

---

**Institute for Community Health**

**Investigator:** Abughosh, Susan Dr. 11.8%  
**Award Amount:** \$2,900.29  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

---

**Investigator:** Johnson, Michael Dr. 1.3%  
**Award Amount:** \$319.52  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF PHARMACY****Pharm Health Outcomes & Policy**

**Investigator:** Johnson, Michael Dr. 3.7%  
**Award Amount:** \$909.41  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

---

**Investigator:** Abughosh, Susan Dr. 35.7%  
**Award Amount:** \$8,774.60  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

---

**Investigator:** Fleming, Marc Dr. 47.5%  
**Award Amount:** \$11,674.89  
**Cost Center:** 00730 / 5022 / H0571 / B0001 / C111228 / 59138  
**Agency:** Sanofi US  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/3/2016 to 2/2/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Physician Educational Webinars to Improve Statin Prescribing and Guideline Adherence Among Patients in a Medicare Advantage Plan

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF TECHNOLOGY****Center for Information Security, Research and Edu**

**Investigator:** Conklin, William Dr. 18%  
**Award Amount:** \$32,336.82  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**Investigator:** Bronk, Chris Dr. 16%  
**Award Amount:** \$28,743.84  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**Investigator:** Gurkan, Deniz Dr. 16%  
**Award Amount:** \$28,743.84  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF TECHNOLOGY****Construction Management****Investigator:** Gao, Lu Dr. 40%**Award Amount:** \$23,882.32**Cost Center:** 00730 / 5016 / H0559 / B0001 / G112100 / 59759**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Synthesis of Service Life Prediction for Bridges in Texas

---

**Investigator:** Senouci, Ahmed Dr. 10%**Award Amount:** \$5,970.58**Cost Center:** 00730 / 5016 / H0559 / B0001 / G112100 / 59759**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Synthesis of Service Life Prediction for Bridges in Texas

---

**Investigator:** Song, Lingguang Dr. 10%**Award Amount:** \$5,970.58**Cost Center:** 00730 / 5016 / H0559 / B0001 / G112100 / 59759**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Synthesis of Service Life Prediction for Bridges in Texas

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF TECHNOLOGY****Engineering Technology**

**Investigator:** Gurkan, Deniz Dr. 16%  
**Award Amount:** \$28,743.84  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**Human Development and Consumer Science**

**Investigator:** Hines, Andrew Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5022 / H0140 / A0001 / C112450 / 59852  
**Agency:** Future Foresight Foundation for Consultancy Training  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 8/15/2016 to 12/15/2016  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** The Future of Residency and Foreigners Affairs in Dubai

---

**Information & Logistics Technology**

**Investigator:** Conklin, William Dr. 18%  
**Award Amount:** \$32,336.82  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****COLLEGE OF TECHNOLOGY****Information & Logistics Technology**

**Investigator:** Bronk, Chris Dr. 16%  
**Award Amount:** \$28,743.84  
**Cost Center:** 00730 / 5013 / H0554 / B0001 / G110577 / 58383  
**Agency:** University of Illinois at Urbana-Champaign  
**Pass\_Thru Agency:** National Energy Technology Laboratory  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2015 to 9/30/2016  
**CFDA:** 81.122 Electricity Delivery and Energy Reliability, Research, Development and Analysis  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Cyber Resilient Energy Delivery Consortium (CREDC)

---

**Investigator:** Kovach, Jamison Dr. 100%  
**Award Amount:** \$10,665.00  
**Cost Center:** 00730 / 5022 / H0137 / B0100 / C112413 / 59973  
**Agency:** Houston Wire & Cable Co  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Buying & Inventory Lean Six Sigma Applied Research Project

---

**CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering**

**Investigator:** Akay, Metin Dr. 100%  
**Award Amount:** \$29,500.00  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G112524 / 59952  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:** 47.079 International Science and Engineering (OISE)  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Advanced Institute on Global Healthcare Education

---



**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering****Investigator:** Francis, Joseph 100%**Award Amount:** \$308,077.00**Cost Center:** 00730 / 5013 / H0071 / B0001 / G111756 / 59436**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/15/2016 to 4/30/2019**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** NRI: Collaborative Research: Multimodal Brain Computer Interface for Human-Robot Interaction

---

**Investigator:** Mohan, Chandra Dr. 50%**Award Amount:** \$95,201.00**Cost Center:** 00730 / 5013 / H0071 / B0001 / G110429 / 59812**Agency:** U.S. Army Medical Research Acquisition Activity**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2016 to 2/28/2018**CFDA:** 12.420 Military Medical Research and Development**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Optical Elastography of Systemic Sclerosis Skin

---

**Investigator:** Larin, Kirill Dr. 50%**Award Amount:** \$95,201.00**Cost Center:** 00730 / 5013 / H0071 / B0001 / G110429 / 59812**Agency:** U.S. Army Medical Research Acquisition Activity**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2016 to 2/28/2018**CFDA:** 12.420 Military Medical Research and Development**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Optical Elastography of Systemic Sclerosis Skin

**CULLEN COLLEGE OF ENGINEERING****Center for Integrated Bio and Nano Systems**

**Investigator:** Brankovic, Stanko Dr. 25%  
**Award Amount:** \$97,131.50  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110948 / 59733  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2019  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** MONOLAYER CATALYST AS TRANSFORMATIVE CONCEPT FOR EFFICIENT ELECTROLYTIC HYDROGEN ISOTOPE SEPARATION

---

**Chemical Engineering**

**Investigator:** Donnelly, Vincent Dr. 100%  
**Award Amount:** \$12,645.00  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / C111085 / 58556  
**Agency:** MKS Instruments  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/21/2015 to 12/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Radical species diagnostic for Flowable CVD (FCVD)

---

**Investigator:** Palmer, Jeremy Dr. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0067 / B0001 / C111005 / 59906  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Computational Design of Growth Inhibitors for Tailoring Zeolite Catalysts

---

CULLEN COLLEGE OF ENGINEERING

## Chemical Engineering

**Investigator:** Grabow, Lars Dr. 30%**Award Amount:** \$116,557.80**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110948 / 59733**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2016 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** MONOLAYER CATALYST AS TRANSFORMATIVE CONCEPT FOR EFFICIENT ELECTROLYTIC HYDROGEN ISOTOPE SEPARATION

## Civil Engineering

**Investigator:** Belarbi, Abdeldjelil Dr. 34%**Award Amount:** \$8,500.00**Cost Center:** 00730 / 5021 / H0068 / B0001 / C108848 / 55998**Agency:** Precast/Prestressed Concrete Institute**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 8/1/2014 to 7/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Prestressing Concrete with Carbon Fibers**Investigator:** Mo, Yi-Lung Dr. 40%**Award Amount:** \$23,882.32**Cost Center:** 00730 / 5016 / H0559 / B0001 / G112100 / 59759**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Synthesis of Service Life Prediction for Bridges in Texas

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Gencturk, Bora Dr. 33%**Award Amount:** \$8,250.00**Cost Center:** 00730 / 5021 / H0068 / B0001 / C108848 / 55998**Agency:** Precast/Prestressed Concrete Institute**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 8/1/2014 to 7/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Prestressing Concrete with Carbon Fibers

---

**Investigator:** Dawood, Mina Dr. 33%**Award Amount:** \$8,250.00**Cost Center:** 00730 / 5021 / H0068 / B0001 / C108848 / 55998**Agency:** Precast/Prestressed Concrete Institute**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 8/1/2014 to 7/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Prestressing Concrete with Carbon Fibers

---

**Investigator:** Mo, Yi-Lung Dr. 50%**Award Amount:** \$110,718.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G110946 / 58696**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 1/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** PERFORMANCE OF SKEW REINFORCING IN INVERTED-T BRIDGE CAPS

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Hsu, Thomas T. C. Dr. 50%**Award Amount:** \$110,718.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G110946 / 58696**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 1/1/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** PERFORMANCE OF SKEW REINFORCING IN INVERTED-T BRIDGE CAPS

---

**Investigator:** Hsu, Thomas T. C. Dr. 50%**Award Amount:** \$78,792.50**Cost Center:** 00730 / 5016 / H0068 / B0001 / G110945 / 58700**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 1/26/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** NON-CONTACT SPLICES AT DRILLED SHAFT TO BRIDGE COLUMN INTERFACE

---

**Investigator:** Mo, Yi-Lung Dr. 50%**Award Amount:** \$78,792.50**Cost Center:** 00730 / 5016 / H0068 / B0001 / G110945 / 58700**Agency:** Texas Department of Transportation**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 1/26/2016 to 8/31/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** NON-CONTACT SPLICES AT DRILLED SHAFT TO BRIDGE COLUMN INTERFACE

**UNIVERSITY OF HOUSTON**  
**Division of Research****New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

**Investigator:** Belarbi, Abdeldjelil Dr. 35%  
**Award Amount:** \$45,448.52  
**Cost Center:** 00730 / 5016 / H0068 / B0001 / G111849 / 59803  
**Agency:** Texas Department of Transportation  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Texas Mill Test Information for Load Ratings

---

**Investigator:** Dawood, Mina Dr. 55%  
**Award Amount:** \$71,419.10  
**Cost Center:** 00730 / 5016 / H0068 / B0001 / G111849 / 59803  
**Agency:** Texas Department of Transportation  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Texas Mill Test Information for Load Ratings

---

**Investigator:** Glennie, Craig Dr. 100%  
**Award Amount:** \$149,972.00  
**Cost Center:** 00730 / 5043 / H0068 / B0001 / C110345 / 57993  
**Agency:** U.S. Army Corps of Engineers  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/28/2015 to 10/31/2018  
**CFDA:** 12.300 Basic and Applied Scientific Research  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Characterization of LIDAR Spatial and Spectral Error Models Towards Fusion with Complementary Remote Sensing Modalities

---

**UNIVERSITY OF HOUSTON**  
**Division of Research****New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

**Investigator:** Glennie, Craig Dr. 100%  
**Award Amount:** \$25,281.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G109260 / 58008  
**Agency:** Oregon State University  
**Pass\_Thru Agency:** NASA Headquarters  
**Agency Type:** FEDERAL  
**Duration:** 7/15/2015 to 7/14/2017  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ICESat-2 Algorithm Development for the Coastal Zone

---

**Electrical & Computer Engineering**

**Investigator:** Brankovic, Stanko Dr. 25%  
**Award Amount:** \$97,131.50  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G110948 / 59733  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2019  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** MONOLAYER CATALYST AS TRANSFORMATIVE CONCEPT FOR EFFICIENT ELECTROLYTIC HYDROGEN ISOTOPE SEPARATION

---

**Investigator:** Becker, Aaron Dr. 50%  
**Award Amount:** \$303,968.50  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112067 / 59802  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CPS: Synergy: Collaborative Research: MRI Powered & Guided Tetherless Effectors for Localized Therapeutic Interventions

---

**UNIVERSITY OF HOUSTON**  
**Division of Research****New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

**Investigator:** Becker, Aaron Dr. 25%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112058 / 59925  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CPS: Synergy: Collaborative Research: DEUS: Distributed, Efficient, Ubiquitous and Secure Data Delivery Using Autonomous Underwater Vehicles

---

**Investigator:** Chen, Jiefu 25%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112058 / 59925  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CPS: Synergy: Collaborative Research: DEUS: Distributed, Efficient, Ubiquitous and Secure Data Delivery Using Autonomous Underwater Vehicles

---

**Investigator:** Han, Zhu Dr. 25%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112058 / 59925  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CPS: Synergy: Collaborative Research: DEUS: Distributed, Efficient, Ubiquitous and Secure Data Delivery Using Autonomous Underwater Vehicles

---



**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

**Investigator:** Pan, Miao Dr. 25%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G112058 / 59925  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2019  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CPS: Synergy: Collaborative Research: DEUS: Distributed, Efficient, Ubiquitous and Secure Data Delivery Using Autonomous Underwater Vehicles

---

**Investigator:** Shih, Wei-Chuan Dr. 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G111946 / 59463  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2017  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** EAGER: Empowering Citizen Scientists to Monitor Environmental Waterborne Pathogens by DotLens Smartphone Microscopy

---

**Industrial Engineering**

**Investigator:** Feng, Qianmei Dr. 10%  
**Award Amount:** \$12,985.29  
**Cost Center:** 00730 / 5016 / H0068 / B0001 / G111849 / 59803  
**Agency:** Texas Department of Transportation  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Texas Mill Test Information for Load Ratings

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**Investigator:** Yu, Cunjiang Dr. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0073 / B0001 / C111004 / 59373  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2016 to 8/31/2018  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Electrically Responsive and Locally Programmable Hydrogels Composites

---

**Investigator:** Yu, Cunjiang Dr. 100%  
**Award Amount:** \$6,000.00  
**Cost Center:** 00730 / 5043 / H0073 / B0001 / C112484 / 59910  
**Agency:** WYLE Laboratories  
**Pass\_Thru Agency:** NASA Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 9/13/2016 to 9/30/2016  
**CFDA:** 43.000 National Aeronautics and Space Administration  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Co-Investigator Support of the NASA JSC Innovation Charge Account (ICA) Award for Design and Development of the Physiological and Environmental Sensor Skin Stamp

---

**Investigator:** Baxevanis, Theocharis Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5015 / H0073 / B0001 / G112393 / 59953  
**Agency:** Texas A&M University (Main University)  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2016 to 8/31/2018  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** DMREF: Accelerating the Development of High Temperature Shape Memory Alloys

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**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:**  
**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.

---

**Nanosystem Manufacturing Center**

**Investigator:** Shih, Wei-Chuan Dr. 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G111946 / 59463  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2017 to 12/31/2017  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** EAGER: Empowering Citizen Scientists to Monitor Environmental Waterborne Pathogens by DotLens Smartphone Microscopy

---

**DIVISION OF RESEARCH****Texas Obesity Research Center**

**Investigator:** Simpson, Richard Dr. 50%  
**Award Amount:** \$4,886.00  
**Cost Center:** 00730 / 5022 / H0500 / B0001 / C111498 / 58921  
**Agency:** ORRECO  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2016 to 12/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Biomarker Profiling of Professional Athletes

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****DIVISION OF RESEARCH****TIMES**

**Investigator:** Barr, Christopher Dr. 80%  
**Award Amount:** \$27,628.80  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G104249 / 51746  
**Agency:** Georgia State University  
**Pass\_Thru Agency:** Institute of Education Sciences  
**Agency Type:** FEDERAL  
**Duration:** 9/17/2012 to 8/31/2017  
**CFDA:** 84.305 Education Research, Development and Dissemination  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers

---

**Investigator:** Fletcher, Jack Dr. 80%  
**Award Amount:** \$38,336.80  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G110413 / 57754  
**Agency:** George Washington University  
**Pass\_Thru Agency:** National Institute of Child Health and Human Development  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2015 to 6/30/2017  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A Follow-up of Children Enrolled in the Management of Myelomeningocele Study

---

**GRADUATE COLLEGE OF SOCIAL WORK****Child & Family for Innovative Research**

**Investigator:** Sampson, McClain Dr. 100%  
**Award Amount:** \$479,999.00  
**Cost Center:** 00730 / 5013 / H0509 / B0001 / G108552 / 56506  
**Agency:** Health Resources and Services Administration  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/30/2014 to 9/29/2017  
**CFDA:** 93.243 Substance Abuse and Mental Health Services - Projects of Regional and National Significance  
**CB Designation:** Non Research  
**Project Type:** Grant - Research  
**Project Title:** GLOBE-Youth: Culturally Sensitive Behavioral Health Training for Social Workers

---

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****GRADUATE COLLEGE OF SOCIAL WORK****Dean, Social Work****Investigator:** Miyawaki, Christina 100%**Award Amount:** \$7,000.00**Cost Center:** 00730 / 5021 / H0129 / B0001 / C111625 / 59911**Agency:** Council on Social Work Education**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 9/1/2016 to 11/30/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Filial Responsibility and Acculturation among Chinese-American Family Caregivers of Older Adults in Houston, Texas: Mental and Health Impact

---

**Investigator:** Bromfield, Nicole Dr. 50%**Award Amount:** \$162,500.00**Cost Center:** 00730 / 5013 / H0129 / H0001 / G111311 / 59878**Agency:** Health Resources and Services Administration**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2016 to 6/30/2017**CFDA:** 93.925 Scholarships for Health Professions Students from Disadvantaged Backgrounds**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Scholarships for Disadvantaged Students

---

**Investigator:** Mollhagen, Amber Ms. 50%**Award Amount:** \$162,500.00**Cost Center:** 00730 / 5013 / H0129 / H0001 / G111311 / 59878**Agency:** Health Resources and Services Administration**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2016 to 6/30/2017**CFDA:** 93.925 Scholarships for Health Professions Students from Disadvantaged Backgrounds**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Scholarships for Disadvantaged Students

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2017 - Received during OCTOBER****HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT****Hotel and Restaurant Management****Investigator:** Bowen, John Dr. 50%**Award Amount:** \$25,000.00**Cost Center:** 00730 / 5013 / H0081 / A0001 / G112507 / 59936**Agency:** National Institute of Food and Agriculture**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/22/2016 to 9/22/2017**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)**CB Designation:** Non Research**Project Type:** Grant - Instruction**Project Title:** Augmented Reality to Enhance Food Safety Practices in Foodservice**Investigator:** Sirsat, Sujata Dr. 50%**Award Amount:** \$25,000.00**Cost Center:** 00730 / 5013 / H0081 / A0001 / G112507 / 59936**Agency:** National Institute of Food and Agriculture**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/22/2016 to 9/22/2017**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)**CB Designation:** Non Research**Project Type:** Grant - Instruction**Project Title:** Augmented Reality to Enhance Food Safety Practices in Foodservice**SCHOOL OF NURSING****Dean, School of Nursing****Investigator:** Moreland, Earline 100%**Award Amount:** \$500.00**Cost Center:** 00730 / 5021 / H0586 / B0100 / C111055 / 59912**Agency:** Sigma Theta Tau International Honor Society of Nursing - Phi Chi Chapter**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 1/4/2016 to 12/15/2017**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Identifying barriers to student clinical placement from the acute care clinical partner perspective

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2017 - Received during OCTOBER**

**SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST**

**UH Energy**

**Investigator:** Stewart, Robert Dr. 100%  
**Award Amount:** \$15,000.00  
**Cost Center:** 00730 / 5014 / H0109 / B0001 / G111526 / 59377  
**Agency:** Texas Commission on Environmental Quality  
**Pass\_Thru Agency:** U. S. Department of Treasury  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2016 to 12/31/2016  
**CFDA:** 21.015 Resources and Ecosystems Sustainability, Tourist Opportunities  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Marine Drilling Hazard Mitigation and Production Facility Monitoring using Seismic and Sonar Imaging

---

**UH LAW CENTER**

**Dean, Law**

**Investigator:** Heppard, Janet Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5021 / H0098 / C0001 / C111880 / 59813  
**Agency:** Texas Equal Access to Justice Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2016 to 8/31/2017  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Law Center Immigration Clinic CVCLS Low Income Population--Grant Application

---

**UNIVERSITY OF HOUSTON**

**Division of Research**

**New/Continuation Sponsored Research Grants and Contracts**

**Fiscal Year 2017 - Received during OCTOBER**

**UH LAW CENTER**

Dean, Law

**Investigator:** Hester, Tracy Dr. 100%

**Award Amount:** \$67,515.00

**Cost Center:** 00730 / 5018 / H0098 / C0001 / G111661 / 60006

**Agency:** Texas A&M University at Corpus Christi

**Pass\_Thru Agency:** Office of the Governor

**Agency Type:** STATE

**Duration:** 9/1/2016 to 6/30/2018

**CFDA:**

**CB Designation:** Non Research

**Project Type:** Grant - Public Service

**Project Title:** Impact of Environmental Criminal Enforcement on Disaster Response

---

**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$5,891,601.95

**State Funding:** \$1,779,666.71

**Local Funding:** \$284,013.00

**Profit Funding:** \$211,060.72

**Non Profit Funding:** \$744,730.88

**Foundation Funding:** \$133,866.49

**University Funding:** \$37,510.00

**Total:** **\$9,082,449.75**