

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****C.T. BAUER COLLEGE OF BUSINESS****Small Business Development Center**

**Investigator:** Young, Frederick Dr. 100%  
**Award Amount:** \$89,145.00  
**Cost Center:** 00730 / 5019 / H0053 / B0001 / C107072 / 54732  
**Agency:** Houston Community College System  
**Pass\_Thru Agency:** Goldman Sachs Foundation  
**Agency Type:** FOUNDATION  
**Duration:** 12/1/2013 to 8/31/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** 10,000 Small Businesses Initiative

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

**Investigator:** Dominey, Wallace Dr. 100%  
**Award Amount:** \$160,000.00  
**Cost Center:** 00730 / 5015 / H0062 / C0001 / G108230 / 55411  
**Agency:** University of Texas at Austin  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2014 to 7/31/2015  
**CFDA:** 84.366 Mathematics and Science Partnerships  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** University of Houston Regional Science Collaborative

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**Educational Psychology**

**Investigator:** Tolar, Tammy Dr. 50%  
**Award Amount:** \$119,366.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G107007 / 53824  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2014  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Predictors of Growth in Algebra Achievement in Adolescents

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2014 - Received during JUNE**

**COLLEGE OF EDUCATION****Educational Psychology**

**Investigator:** Reitzel, Lorraine Dr. 100%  
**Award Amount:** \$55,533.00  
**Cost Center:** 00730 / 5018 / H0064 / B0001 / G107626 / 55317  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 12/1/2013 to 11/30/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Taking Texas Tobacco-Free: Expanding the Integral Care Campus and Community Model into a Statewide Cancer Prevention Program

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**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****African-American Studies**

**Investigator:** Conyers, James Dr. 100%  
**Award Amount:** \$4,000.00  
**Cost Center:** 00730 / 5021 / H0094 / B0100 / G107146 / 54499  
**Agency:** The Houston Arts Alliance  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 10/1/2013 to 6/16/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** 2013 Black Images in the Media Film and Arts Conference: From Mammy, Momma to Madea"

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**Arte Publico Press**

**Investigator:** Kanellos, Nicolas Dr. 100%  
**Award Amount:** \$25,000.00  
**Cost Center:** 00730 / 5021 / H0093 / B0100 / C108508 / 55478  
**Agency:** Sierra Health Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 6/1/2014 to 5/31/2015  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Youth Pathway to Health - Latino Men and Boys Project

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Center for Public History**

**Investigator:** Perales, Monica Dr. 45%  
**Award Amount:** \$45,000.00  
**Cost Center:** 00730 / 5013 / H0517 / B0100 / G107094 / 54729  
**Agency:** National Endowment for the Humanities  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 12/31/2016  
**CFDA:** 45.162 Promotion of the Humanities\_Teaching and Learning Resources and Curriculum Development  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The History of Food Production and Consumption in the U.S. Gulf Coast Region

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**Investigator:** Romero, R. Todd Dr. 45%  
**Award Amount:** \$45,000.00  
**Cost Center:** 00730 / 5013 / H0517 / B0100 / G107094 / 54729  
**Agency:** National Endowment for the Humanities  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 12/31/2016  
**CFDA:** 45.162 Promotion of the Humanities\_Teaching and Learning Resources and Curriculum Development  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The History of Food Production and Consumption in the U.S. Gulf Coast Region

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**Communication Disorders**

**Investigator:** Joshi, Ashwini Dr. 100%  
**Award Amount:** \$1,880.00  
**Cost Center:** 00730 / 5021 / H0087 / B0001 / C108260 / 55246  
**Agency:** Texas Speech-Language-Hearing Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 12/1/2013 to 11/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Effects of Voice Therapy on Student Teachers in Music Education

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Communication Disorders

**Investigator:** Maher, Lynn Dr. 100%  
**Award Amount:** \$154,250.00  
**Cost Center:** 00730 / 5021 / H0087 / C0001 / C107774 / 54542  
**Agency:** United Way of Greater Houston  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2014 to 12/31/2014  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** United Way Support for Services:2014

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## Cynthia Woods Mitchell Center for the Arts

**Investigator:** Farber, Karen Ms. 100%  
**Award Amount:** \$6,063.33  
**Cost Center:** 00730 / 5021 / H0473 / C0001 / C106723 / 55414  
**Agency:** The Houston Arts Alliance  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 7/1/2013 to 6/30/2014  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Sound and Vision

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**Investigator:** Farber, Karen Ms. 100%  
**Award Amount:** \$440.86  
**Cost Center:** 00730 / 5021 / H0473 / C0001 / C108499 / 55378  
**Agency:** PuSh International Performing Arts Festival  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2014 to 12/31/2014  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** PuSH International Performing Arts Festival 2014

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**Cynthia Woods Mitchell Center for the Arts**

**Investigator:** Farber, Karen Ms. 100%  
**Award Amount:** \$15,000.00  
**Cost Center:** 00730 / 5021 / H0473 / B0100 / C106715 / 55382  
**Agency:** New England Foundation for the Arts  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 4/9/2014 to 4/11/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ECLIPSE

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**Health and Human Performance**

**Investigator:** Layne, Charles S. Dr. 100%  
**Award Amount:** \$19,997.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G105384 / 52168  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/31/2012 to 7/30/2015  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** University of Houston SLS Graduate Research Stipend (ST-II)

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**Investigator:** Layne, Charles S. Dr. 100%  
**Award Amount:** \$66,517.00  
**Cost Center:** 00730 / 5043 / H0065 / B0001 / G108400 / 55267  
**Agency:** WYLE Laboratories  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 9/30/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Enhanced Development of the Office of Scientific Data Review and Dissemination - Shona Robin Elgart

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Health and Human Performance**

**Investigator:** Layne, Charles S. Dr. 100%  
**Award Amount:** \$7,216.00  
**Cost Center:** 00730 / 5013 / H0065 / B0001 / G108462 / 55430  
**Agency:** Universities Space Research Association  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2014 to 8/15/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Summer student support for Developing Predictive Measures of Sensorimotor Adaptability to Produce Customized Countermeasures

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**History**

**Investigator:** Perales, Monica Dr. 5%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0517 / B0100 / G107094 / 54729  
**Agency:** National Endowment for the Humanities  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 12/31/2016  
**CFDA:** 45.162 Promotion of the Humanities\_Teaching and Learning Resources and Curriculum Development  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The History of Food Production and Consumption in the U.S. Gulf Coast Region

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**Investigator:** Romero, R. Todd Dr. 5%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0517 / B0100 / G107094 / 54729  
**Agency:** National Endowment for the Humanities  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2014 to 12/31/2016  
**CFDA:** 45.162 Promotion of the Humanities\_Teaching and Learning Resources and Curriculum Development  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The History of Food Production and Consumption in the U.S. Gulf Coast Region

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Norton, Peter Dr. 50%**Award Amount:** \$17,457.50**Cost Center:** 00730 / 5013 / H0125 / B0001 / G105782 / 53189**Agency:** National Institute of Mental Health**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2013 to 5/31/2015**CFDA:** 93.242 Mental Health Research Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Anxiety Reduction Treatment for HIV+ Individuals

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**Investigator:** Francis, David Dr. 10%**Award Amount:** \$118,874.90**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510**Agency:** Institute of Educational Sciences**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2011 to 7/31/2015**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

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**Investigator:** Sharp, Carla Dr. 100%**Award Amount:** \$2,703.83**Cost Center:** 00730 / 5021 / H0125 / B0001 / G099469 / 45521**Agency:** National Alliance for Research on Schizophrenia & Depression (NARSAD)**Pass\_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 1/1/2010 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** fMRI of Reward-Related Decision-Making in Adolescents at High Risk for Major Depressive Disorder

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Carlson, Coleen Dr. 10%**Award Amount:** \$118,874.90**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510**Agency:** Institute of Educational Sciences**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2011 to 7/31/2015**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

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**Investigator:** Mehta, Paras Dr. 20%**Award Amount:** \$1,200.00**Cost Center:** 00730 / 5013 / H0288 / B0001 / G096157 / 42840**Agency:** Lehigh University**Pass\_Thru Agency:** U.S. Department of Education**Agency Type:** FEDERAL**Duration:** 7/1/2008 to 6/30/2014**CFDA:** 84.324 Special Education Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** National Research & Development Center on Serious Behavior Disorders at the Secondary Level

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**Investigator:** Venta, Amanda Ms. 100%**Award Amount:** \$3,296.00**Cost Center:** 00730 / 5013 / H0125 / B0001 / G105729 / 53741**Agency:** National Institute of Mental Health**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2015**CFDA:** 93.242 Mental Health Research Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Oxytocin and Social Engagement



## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Spitzmueller, Christiane Dr. 100%**Award Amount:** \$24,000.00**Cost Center:** 00730 / 5022 / H0125 / B0100 / C108063 / 54844**Agency:** ExxonMobil Exploration Company**Pass\_Thru Agency:****Agency Type:** PROFIT**Duration:** 2/1/2014 to 12/31/2014**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** DEVELOPING COMMERCIAL DESIGN SKILLS THROUGH TRAINING NEEDS AND GAP ANALYSIS

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**Investigator:** Alfano, Candice Dr. 100%**Award Amount:** \$207,080.00**Cost Center:** 00730 / 5013 / H0125 / B0001 / G106660 / 55111**Agency:** National Institute of Mental Health**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 4/1/2014 to 3/31/2015**CFDA:** 93.242 Mental Health Research Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Sleep, Emotional Processing, and Risk for Affective Disorders in Children

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**Investigator:** Spitzmueller, Christiane Dr. 100%**Award Amount:** \$10,095.00**Cost Center:** 00730 / 5013 / H0125 / B0100 / G108523 / 55562**Agency:** Veterans Affairs Medical Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 4/1/2014 to 9/30/2014**CFDA:** 27.011 Intergovernmental Personnel Act (IPA) Mobility Program**CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** IPA: Linking Clinician Interaction and Coordination to Clinical Performance in VA PACT

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Zvolensky, Michael Dr. 50%**Award Amount:** \$17,457.50**Cost Center:** 00730 / 5013 / H0125 / B0001 / G105782 / 53189**Agency:** National Institute of Mental Health**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2013 to 5/31/2015**CFDA:** 93.242 Mental Health Research Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Anxiety Reduction Treatment for HIV+ Individuals

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**Investigator:** Zvolensky, Michael Dr. 100%**Award Amount:** \$52,545.00**Cost Center:** 00730 / 5043 / H0125 / B0001 / G104161 / 49980**Agency:** Stony Brook University**Pass\_Thru Agency:** Centers for Disease Control**Agency Type:** FEDERAL**Duration:** 9/30/2011 to 9/29/2014**CFDA:** 93.000 Tobacco Education and Prevention**CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Enhanced Smoking Cessation Intervention for WTC Responders

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**Investigator:** Kosten, Therese Dr. 100%**Award Amount:** \$40,828.00**Cost Center:** 00730 / 5015 / H0125 / B0001 / G107575 / 54840**Agency:** University of Texas MD Anderson Cancer Center**Pass\_Thru Agency:** National Institutes of Health**Agency Type:** FEDERAL**Duration:** 12/1/2013 to 11/30/2014**CFDA:** 93.242 Mental Health Research Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Hypothalamic Neuronal Plasticity in Chronic Stress

# UNIVERSITY OF HOUSTON

## Division of Research

### New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

#### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

##### School of Communication

**Investigator:** Vardeman-Winter, Jennifer Dr. 100%  
**Award Amount:** \$3,000.00  
**Cost Center:** 00730 / 5021 / H0084 / B0100 / C107371 / 54623  
**Agency:** Penn State University - The Arthur W. Page Center Research Center  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 11/5/2013 to 8/5/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Ethics and Health Public Relations

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##### School of Music

**Investigator:** Austin, Alan Mr. 100%  
**Award Amount:** \$4,955.19  
**Cost Center:** 00730 / 5021 / H0090 / A0001 / C106740 / 55415  
**Agency:** The Houston Arts Alliance  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 7/1/2013 to 6/30/2014  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** University of Houston, Texas Music Festival

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##### Sociology

**Investigator:** Dworkin, Anthony Gary Dr. 100%  
**Award Amount:** \$31,200.00  
**Cost Center:** 00730 / 5019 / H0126 / B0001 / C108076 / 55222  
**Agency:** Aldine Independent School District  
**Pass\_Thru Agency:**  
**Agency Type:** LOCAL  
**Duration:** 4/1/2014 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Attitudinal Climate in the Aldine Independent School District

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Chemistry

**Investigator:** Meen, James Dr. 30%  
**Award Amount:** \$1,570.50  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G108541 / 55540  
**Agency:** Houston Community College System  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 6/2/2014 to 8/8/2014  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Characterization of Lunar Regolith through Electron Microscopy and X-Ray Diffraction Techniques

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## Computer Science

**Investigator:** Chapman, Barbara M. Dr. 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5021 / H0246 / B0001 / G106248 / 53943  
**Agency:** UT-Battelle, LLC  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 11/1/2012 to 9/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** OpenSHMEM Support

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**Investigator:** Chapman, Barbara M. Dr. 100%  
**Award Amount:** \$20,000.00  
**Cost Center:** 00730 / 5022 / H0108 / B0001 / G105518 / 51920  
**Agency:** Shell International Exploration and Production Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 10/1/2012 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Novel algorithms and their implementations for heterogeneous computing in the Oil & Gas industry

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Computer Science

**Investigator:** Garbey, Marc Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5022 / H0108 / B0001 / C106511 / 52697  
**Agency:** Mixed Multi-Donors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2013 to 7/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Consortium Membership cost center - Industry Membership- Full Center Grant: I/UCRC for Cyber-Physical Systems for the Hospital Operating Room

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## Earth &amp; Atmospheric Sciences

**Investigator:** Han, De-Hua Dr. 100%  
**Award Amount:** \$160,000.00  
**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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**Investigator:** Lefer, Barry Dr. 48%  
**Award Amount:** \$33,694.08  
**Cost Center:** 00730 / 5021 / H0429 / B0001 / G106085 / 53151  
**Agency:** Rice University  
**Pass\_Thru Agency:** Houston Endowment, Inc.  
**Agency Type:** FOUNDATION  
**Duration:** 4/3/2013 to 5/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Houston Aerosol Characterization and Health Experiment (HACHE)

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

**Investigator:** Lefer, Barry Dr. 48%  
**Award Amount:** \$33,694.08  
**Cost Center:** 00730 / 5021 / H0429 / B0001 / G106085 / 53151  
**Agency:** Rice University  
**Pass\_Thru Agency:** Houston Endowment, Inc.  
**Agency Type:** FOUNDATION  
**Duration:** 4/3/2013 to 5/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Houston Aerosol Characterization and Health Experiment (HACHE)

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**Mathematics**

**Investigator:** Qiu, Jingmei Dr. 100%  
**Award Amount:** \$120,017.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G104165 / 51306  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2012 to 6/14/2015  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A High Order Multi-scale Numerical Approach for Kinetic Simulations

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**Physics**

**Investigator:** Freundlich, Alexandre Dr. 50%  
**Award Amount:** \$3,881.50  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G105313 / 52153  
**Agency:** U.S. Air Force Research Laboratory  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/16/2012 to 6/30/2014  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Superlattice Intermediate Band Solar Cell on GaAs

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Physics

**Investigator:** Weglein, Arthur Dr. 100%  
**Award Amount:** \$49,700.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / C106694 / 52863  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2013 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Mission-Oriented Seismic Research Program

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**Investigator:** Lan, Yucheng Dr. 33%  
**Award Amount:** \$44,550.00  
**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. 17%  
**Award Amount:** \$22,950.00  
**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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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Physics

**Investigator:** Hungerford, Ed V. Dr. 100%**Award Amount:** \$223,250.00**Cost Center:** 00730 / 5013 / H0112 / B0001 / G106423 / 55569**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/15/2014 to 5/31/2017**CFDA:** 47.049 Mathematical and Physical Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Direct Search for Dark Matter with Underground Argon at LNGS

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**Investigator:** Chen, Shuo Dr. 33%**Award Amount:** \$44,550.00**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:** Pinsky, Lawrence S. Dr. 50%**Award Amount:** \$126,020.07**Cost Center:** 00730 / 5043 / H0112 / B0001 / G104670 / 50110**Agency:** Wyle Science Technology and Engineering Group**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Marshall Space Flight Center**Agency Type:** FEDERAL**Duration:** 11/28/2011 to 9/30/2014**CFDA:** 43.000 National Aeronautics and Space Administration**CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Medipix 3 Collaboration and support for on orbit technology development and demonstration



COLLEGE OF OPTOMETRY

## Optometry, Community

**Investigator:** Burns, Alan Dr. 100%  
**Award Amount:** \$27,090.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G108271 / 55197  
**Agency:** University of Alabama at Birmingham  
**Pass\_Thru Agency:** NIH/National Center for Research Resources  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 3/31/2015  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Testing and modification of various fixation strategies for preserving and imagining endothelial light junctions

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COLLEGE OF PHARMACY

## Heart and Kidney Institute

**Investigator:** Asghar, Mohammad Dr. 50%  
**Award Amount:** \$153,750.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G103420 / 49540  
**Agency:** National Institute on Aging  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/15/2011 to 5/31/2015  
**CFDA:** 93.866 Aging Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Renal Dopamine and Angiotension II Receptor Function in Age-Related Hypertension

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## Pharmacological and Pharmaceutical Sciences

**Investigator:** Asghar, Mohammad Dr. 50%  
**Award Amount:** \$153,750.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G103420 / 49540  
**Agency:** National Institute on Aging  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/15/2011 to 5/31/2015  
**CFDA:** 93.866 Aging Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Renal Dopamine and Angiotension II Receptor Function in Age-Related Hypertension

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COLLEGE OF PHARMACY

## Pharmacological and Pharmaceutical Sciences

**Investigator:** Cuny, Gregory Dr. 100%  
**Award Amount:** \$95,019.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G105191 / 50789  
**Agency:** Brandeis University  
**Pass\_Thru Agency:** National Institute of Allergy and Infectious Diseases  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2012 to 5/31/2015  
**CFDA:** 93.855 Allergy, Immunology, and Transplantation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** IMPDH-targeted antibiotics for select agents

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COLLEGE OF TECHNOLOGY

## Center for Information Security, Research and Edu

**Investigator:** Conklin, William Dr. 100%  
**Award Amount:** \$52,500.00  
**Cost Center:** 00730 / 5013 / H0554 / C0001 / G108498 / 55405  
**Agency:** BayTech  
**Pass\_Thru Agency:** U.S. Department of Labor  
**Agency Type:** FEDERAL  
**Duration:** 4/7/2014 to 1/31/2015  
**CFDA:** 17.207 Employment Service  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Wagner-Peyser BayTech subaward

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**Investigator:** Conklin, William Dr. 100%  
**Award Amount:** \$35,000.00  
**Cost Center:** 00730 / 5013 / H0554 / C0001 / C108338 / 55391  
**Agency:** BayTech  
**Pass\_Thru Agency:** U.S. Department of Labor  
**Agency Type:** FEDERAL  
**Duration:** 4/7/2014 to 1/31/2015  
**CFDA:** 17.207 Employment Service  
**CB Designation:** Non Research  
**Project Type:** Grant - Research  
**Project Title:** Wagner-Peyser BayTech subaward

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****COLLEGE OF TECHNOLOGY****Center for Technology Literacy**

**Investigator:** Cline, Raymond Dr. 100%  
**Award Amount:** \$84,745.00  
**Cost Center:** 00730 / 5014 / H0423 / C0001 / G107598 / 54802  
**Agency:** Texas Workforce Commission  
**Pass\_Thru Agency:** U.S. Department of Labor  
**Agency Type:** FEDERAL  
**Duration:** 2/18/2014 to 12/31/2014  
**CFDA:** 17.268 H-1B Job Training Grants  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** E3 - Education, Entrepreneurship, and Energy: Governor's Science and Technology Champion's Academy

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

**Investigator:** Larin, Kirill Dr. 100%  
**Award Amount:** \$110,250.00  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G105793 / 53861  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** National Heart, Lung, and Blood Institute  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2013 to 6/30/2015  
**CFDA:** 93.837 Heart and Vascular Diseases Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Biomechanics of early mammalian cardiogenesis

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**Investigator:** Mohan, Chandra Dr. 100%  
**Award Amount:** \$133,351.42  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G107639 / 54788  
**Agency:** National Institute of Diabetes and Digestive and Kidney Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/3/2013 to 8/31/2015  
**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Foreboding Lupus Nephritis in Minority Woman

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering****Investigator:** Shevkoplyas, Sergey Prof. 100%**Award Amount:** \$169,625.16**Cost Center:** 00730 / 5013 / H0071 / B0001 / G107605 / 54523**Agency:** National Heart, Lung, and Blood Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2013 to 12/31/2017**CFDA:** 93.839 Blood Diseases and Resources Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Eliminating Mediators of Toxicity from Stored Blood

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**Investigator:** Mohan, Chandra Dr. 100%**Award Amount:** \$2,809.55**Cost Center:** 00730 / 5013 / H0071 / B0001 / G107503 / 54328**Agency:** National Institute of Arthritis and Musculoskeletal and Skin Diseases**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 5/31/2015**CFDA:** 93.846 Arthritis, Musculoskeletal and Skin Diseases Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Immunogenetics of Antibody Induced Nephritis

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**Chemical Engineering****Investigator:** Varadarajan, Navin Dr. 90%**Award Amount:** \$528,990.30**Cost Center:** 00730 / 5016 / H0067 / B0001 / G105369 / 54326**Agency:** Cancer Prevention and Research Institute of Texas**Pass\_Thru Agency:****Agency Type:** STATE**Duration:** 6/1/2013 to 9/30/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Single-Cell Biomarkers of Clinical-Grade T Cells and NK Cells to Optimize Tumor Immunotherapy

CULLEN COLLEGE OF ENGINEERING

## Chemical Engineering

**Investigator:** Stein, Gila Dr. 100%**Award Amount:** \$98,726.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108131 / 55546**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2014 to 7/31/2017**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Predictive Semiconductor Lithography based on Theoretically-Informed Reaction-Diffusion Models

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**Investigator:** Vekilov, Peter Dr. 100%**Award Amount:** \$50,000.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108045 / 55239**Agency:** NASA - National Aeronautics and Space Administration - Marshall Space Flight Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 3/3/2014 to 3/2/2015**CFDA:** 43.007 Space Operations**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Formation Mechanisms of the Protein-Rich Clusters

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**Investigator:** Rimer, Jeffrey Dr. 100%**Award Amount:** \$100,000.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G104584 / 51554**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2012 to 8/31/2015**CFDA:** 47.049 Mathematical and Physical Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Design of Peptide Crystal Growth Modifiers Using Experiments and Simulations

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Shrestha, Ramesh Dr. 60%**Award Amount:** \$428,846.40**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

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**Investigator:** Glennie, Craig Dr. 20%**Award Amount:** \$142,948.80**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

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**Investigator:** Carter, William Dr. 20%**Award Amount:** \$142,948.80**Cost Center:** 00730 / 5013 / H0068 / B0001 / G106637 / 53710**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2013 to 7/31/2018**CFDA:** 47.050 Geosciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Facility Support to Renew Operation of the National Center for Airborne Laser Mapping (NCALM)

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Chellam, Shankar Dr. 100%**Award Amount:** \$10,000.00**Cost Center:** 00730 / 5013 / H0068 / B0100 / G108162 / 55465**Agency:** National Science Foundation**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2014 to 5/31/2015**CFDA:** 47.041 Engineering Grants**CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Student Travel Support for the North American Membrane Society 2014 Annual Conference

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**Investigator:** Glennie, Craig Dr. 20%**Award Amount:** \$12,626.40**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107417 / 55553**Agency:** University of Kentucky**Pass\_Thru Agency:** National Science Foundation**Agency Type:** FEDERAL**Duration:** 9/1/2013 to 8/31/2014**CFDA:** 47.075 Social, Behavioral, and Economic Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** The Political Landscape of the Tres Zapotes Region

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**Investigator:** Carter, William Dr. 20%**Award Amount:** \$12,626.40**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107417 / 55553**Agency:** University of Kentucky**Pass\_Thru Agency:** National Science Foundation**Agency Type:** FEDERAL**Duration:** 9/1/2013 to 8/31/2014**CFDA:** 47.075 Social, Behavioral, and Economic Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** The Political Landscape of the Tres Zapotes Region

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

**Investigator:** Shrestha, Ramesh Dr. 60%  
**Award Amount:** \$37,879.20  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107417 / 55553  
**Agency:** University of Kentucky  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2014  
**CFDA:** 47.075 Social, Behavioral, and Economic Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Political Landscape of the Tres Zapotes Region

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**Electrical & Computer Engineering**

**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$143,846.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105902 / 53310  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2013 to 5/31/2017  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** HCC: Medium: Collaborative Research: Neural control of powered artificial legs

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**Investigator:** Jansen, Ben H. Dr. 50%  
**Award Amount:** \$31,096.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104462 / 51676  
**Agency:** University of Georgia  
**Pass\_Thru Agency:** National Institute of General Medical Sciences  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2012 to 4/30/2015  
**CFDA:** 93.859 Pharmacology, Physiology, and Biological Chemistry Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Integrated Cell Enrichment Microfluidic Chip for Low Resource Cancer Screening

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**UNIVERSITY OF HOUSTON**

**Division of Research**

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

**Fiscal Year 2014 - Received during JUNE**

**CULLEN COLLEGE OF ENGINEERING**

**Electrical & Computer Engineering**

**Investigator:** Chen, Ji Dr. 50%

**Award Amount:** \$31,096.00

**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104462 / 51676

**Agency:** University of Georgia

**Pass\_Thru Agency:** National Institute of General Medical Sciences

**Agency Type:** FEDERAL

**Duration:** 8/15/2012 to 4/30/2015

**CFDA:** 93.859 Pharmacology, Physiology, and Biological Chemistry Research

**CB Designation:** Restricted Research

**Project Type:** Grant - Research

**Project Title:** Integrated Cell Enrichment Microfluidic Chip for Low Resource Cancer Screening

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**Investigator:** Kayali, Mohammad Dr. 20%

**Award Amount:** \$3,000.00

**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106693 / 52848

**Agency:** Various Private Profit Agencies

**Pass\_Thru Agency:**

**Agency Type:** PROFIT

**Duration:** 2/1/2013 to 1/31/2020

**CFDA:**

**CB Designation:** Restricted Research

**Project Type:** Contract - Research

**Project Title:** Membership - Center for Electromagnetic compatibility Research

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**Investigator:** Chen, Ji Dr. 80%

**Award Amount:** \$12,000.00

**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106693 / 52848

**Agency:** Various Private Profit Agencies

**Pass\_Thru Agency:**

**Agency Type:** PROFIT

**Duration:** 2/1/2013 to 1/31/2020

**CFDA:**

**CB Designation:** Restricted Research

**Project Type:** Contract - Research

**Project Title:** Membership - Center for Electromagnetic compatibility Research

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

CULLEN COLLEGE OF ENGINEERING

## Electrical &amp; Computer Engineering

**Investigator:** Roysam, Badrinath Dr. 10%  
**Award Amount:** \$58,776.70  
**Cost Center:** 00730 / 5016 / H0067 / B0001 / G105369 / 54326  
**Agency:** Cancer Prevention and Research Institute of Texas  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 6/1/2013 to 9/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Single-Cell Biomarkers of Clinical-Grade T Cells and NK Cells to Optimize Tumor Immunotherapy

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**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$292,708.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105004 / 50465  
**Agency:** National Institute of Neurological Disorders and Stroke  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/1/2011 to 6/30/2015  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Noninvasive Neural Decoding of Walking

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**Investigator:** Chen, Ji Dr. 100%  
**Award Amount:** \$100,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / G096630 / 42373  
**Agency:** St. Jude Medical Cardiac Rhythm Management  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2008 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** NUMERICAL MODELING STUDY

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**UNIVERSITY OF HOUSTON**  
**Division of Research****New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2014 - Received during JUNE****CULLEN COLLEGE OF ENGINEERING****Industrial Engineering**

**Investigator:** Chen, Thomas Dr. 100%  
**Award Amount:** \$5,422.00  
**Cost Center:** 00730 / 5016 / H0072 / B0100 / G108415 / 55366  
**Agency:** University of Texas Health Science Center at Houston  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 4/1/2014 to 6/30/2014  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Patient Flow in Emergency Department (Anish Goyal)

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

**Investigator:** Chapman, Barbara M. Dr. 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5021 / H0246 / B0001 / G106248 / 53943  
**Agency:** UT-Battelle, LLC  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 11/1/2012 to 9/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** OpenSHMEM Support

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**Investigator:** Pinsky, Lawrence S. Dr. 50%  
**Award Amount:** \$126,020.07  
**Cost Center:** 00730 / 5043 / H0112 / B0001 / G104670 / 50110  
**Agency:** Wyle Science Technology and Engineering Group  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Marshall Space Flight Center  
**Agency Type:** FEDERAL  
**Duration:** 11/28/2011 to 9/30/2014  
**CFDA:** 43.000 National Aeronautics and Space Administration  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Medipix 3 Collaboration and support for on orbit technology development and demonstration

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JUNE

DIVISION OF RESEARCH

## Center for Advanced Computing and Data Systems

**Investigator:** Ebalunode, Jerry Mr. 100%  
**Award Amount:** \$6,999.00  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G107175 / 53957  
**Agency:** University of South Carolina  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2015  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Computational modeling of mechanism of action of antimicrobial cationic resin acids

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**Investigator:** Mehta, Paras Dr. 10%  
**Award Amount:** \$600.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G096157 / 42840  
**Agency:** Lehigh University  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2008 to 6/30/2014  
**CFDA:** 84.324 Special Education Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** National Research & Development Center on Serious Behavior Disorders at the Secondary Level

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## Center for Advanced Materials

**Investigator:** Ignatiev, Alex Dr. 100%  
**Award Amount:** \$25,000.00  
**Cost Center:** 00730 / 5022 / H0453 / B0001 / C106966 / 53976  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2013 to 8/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAM Consortium Memberships

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2014 - Received during JUNE**

**DIVISION OF RESEARCH****Center for Advanced Materials**

**Investigator:** Freundlich, Alexandre Dr.      50%  
**Award Amount:** \$3,881.50  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G105313 / 52153  
**Agency:** U.S. Air Force Research Laboratory  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/16/2012 to 6/30/2014  
**CFDA:** 12.800      Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Superlattice Intermediate Band Solar Cell on GaAs

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**TcSUH**

**Investigator:** Meen, James Dr.      70%  
**Award Amount:** \$3,664.50  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G108541 / 55540  
**Agency:** Houston Community College System  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 6/2/2014 to 8/8/2014  
**CFDA:** 47.076      Education and Human Resources  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Characterization of Lunar Regolith through Electron Microscopy and X-Ray Diffraction Techniques

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**Investigator:** Ren, Zhifeng Dr.      17%  
**Award Amount:** \$22,950.00  
**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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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****DIVISION OF RESEARCH****TIMES**

**Investigator:** Tolar, Tammy Dr. 50%  
**Award Amount:** \$119,366.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G107007 / 53824  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2014  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Predictors of Growth in Algebra Achievement in Adolescents

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**Investigator:** Mehta, Paras Dr. 70%  
**Award Amount:** \$4,200.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G096157 / 42840  
**Agency:** Lehigh University  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2008 to 6/30/2014  
**CFDA:** 84.324 Special Education Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** National Research & Development Center on Serious Behavior Disorders at the Secondary Level

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**Investigator:** Francis, David Dr. 40%  
**Award Amount:** \$475,499.60  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510  
**Agency:** Institute of Educational Sciences  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2011 to 7/31/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JUNE****DIVISION OF RESEARCH****TIMES**

**Investigator:** Carlson, Coleen Dr. 40%  
**Award Amount:** \$475,499.60  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510  
**Agency:** Institute of Educational Sciences  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2011 to 7/31/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

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

**Investigator:** Torres-Hostos, Luis Dr. 100%  
**Award Amount:** \$96,197.00  
**Cost Center:** 00730 / 5013 / H0509 / B0001 / G107885 / 55015  
**Agency:** University of Minnesota  
**Pass\_Thru Agency:** National Institute on Drug Abuse  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2014 to 7/31/2014  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effectiveness of Recovery High Schools as Continuing Care-Houston Site

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**Investigator:** Berger Cardoso, Jodi Dr. 100%  
**Award Amount:** \$19,250.00  
**Cost Center:** 00730 / 5021 / H0509 / B0001 / C107835 / 55413  
**Agency:** Hogg Foundation for Mental Health  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 6/1/2014 to 8/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Parenting in the context of deportation risk: An exploratory study of parenting stress and mental health in Latino immigrants and their children.

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**UNIVERSITY OF HOUSTON**

**Division of Research**

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

**Fiscal Year 2014 - Received during JUNE**

**HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT**

**Hotel and Restaurant Management**

**Investigator:** Neal, Jack Dr. 60%

**Award Amount:** \$182,497.80

**Cost Center:** 00730 / 5013 / H0081 / B0100 / G106157 / 54543

**Agency:** National Institute of Food and Agriculture - USDA

**Pass\_Thru Agency:**

**Agency Type:** FEDERAL

**Duration:** 1/1/2014 to 12/31/2015

**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)

**CB Designation:** Non Restricted Research

**Project Type:** Grant - Research

**Project Title:** Development of Effective Behavior Based Standard Operating Procedures for Fresh Cut Leafy Greens in Retail Foodservice Operations

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**Investigator:** Sirsat, Sujata Dr. 40%

**Award Amount:** \$121,665.20

**Cost Center:** 00730 / 5013 / H0081 / B0100 / G106157 / 54543

**Agency:** National Institute of Food and Agriculture - USDA

**Pass\_Thru Agency:**

**Agency Type:** FEDERAL

**Duration:** 1/1/2014 to 12/31/2015

**CFDA:** 10.310 Agriculture and Food Research Initiative (AFRI)

**CB Designation:** Non Restricted Research

**Project Type:** Grant - Research

**Project Title:** Development of Effective Behavior Based Standard Operating Procedures for Fresh Cut Leafy Greens in Retail Foodservice Operations

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**UNIVERSITY OF HOUSTON**

**Division of Research**

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

**Fiscal Year 2014 - Received during JUNE**

**HONORS COLLEGE**

Dean, Honors College

**Investigator:** Price, Daniel Dr. 4%

**Award Amount:** \$2,807.84

**Cost Center:** 00730 / 5021 / H0429 / B0001 / G106085 / 53151

**Agency:** Rice University

**Pass\_Thru Agency:** Houston Endowment, Inc.

**Agency Type:** FOUNDATION

**Duration:** 4/3/2013 to 5/31/2015

**CFDA:**

**CB Designation:** Restricted Research

**Project Type:** Grant - Research

**Project Title:** Houston Aerosol Characterization and Health Experiment (HACHE)

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**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$5,839,872.27

**State Funding:** \$648,722.00

**Local Funding:** \$31,200.00

**Profit Funding:** \$443,700.00

**Non Profit Funding:** \$272,413.21

**Foundation Funding:** \$220,471.00

**University Funding:** \$3,000.00

**Total:** **\$7,459,378.48**