

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JULY

COLLEGE OF EDUCATION**Consistency Mgmt and Coop Disc****Investigator:** Freiberg, H. Jerome Dr. 71%**Award Amount:** \$615,728.33**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526**Agency:** U.S. Department of Education**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2014 to 6/30/2015**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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**Educational Psychology****Investigator:** Horn, Catherine Dr. 100%**Award Amount:** \$140,877.00**Cost Center:** 00730 / 5013 / H0064 / H0001 / G104866 / 51970**Agency:** U.S. Department of Education**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/16/2012 to 8/15/2015**CFDA:** 84.200 Graduate Assistance in Areas of National Need**CB Designation:** Non Research**Project Type:** Grant - Scholarship/Fellowship**Project Title:** Fellowships in Educational Evaluation, Research, and Statistics (FEERS)

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**Investigator:** Horn, Catherine Dr. 100%**Award Amount:** \$27,400.00**Cost Center:** 00730 / 5019 / H0064 / B0100 / C107964 / 55484**Agency:** Harris County Department of Education**Pass\_Thru Agency:****Agency Type:** LOCAL**Duration:** 1/1/2014 to 11/30/2014**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Other Support - Research**Project Title:** ENRICH

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Communication Disorders

**Investigator:** Bunta, Ferenc Dr. 96%  
**Award Amount:** \$144,480.00  
**Cost Center:** 00730 / 5013 / H0087 / B0001 / G105999 / 53505  
**Agency:** National Institute on Deafness and Other Communication Disorders  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 93.173 Research Related to Deafness and Communication Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Phonological acquisition in bilingual children with cochlear implants

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## Cynthia Woods Mitchell Center for the Arts

**Investigator:** Farber, Karen Ms. 100%  
**Award Amount:** \$240,000.00  
**Cost Center:** 00730 / 5022 / H0473 / B0100 / C107485 / 54624  
**Agency:** Association of Performing Arts Presenters  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2014 to 1/31/2016  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** INTERSECTIONS

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## Psychology

**Investigator:** Francis, David Dr. 2%  
**Award Amount:** \$17,344.46  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JULY

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Hernandez, Arturo Dr. 2%  
**Award Amount:** \$3,010.00  
**Cost Center:** 00730 / 5013 / H0087 / B0001 / G105999 / 53505  
**Agency:** National Institute on Deafness and Other Communication Disorders  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 93.173 Research Related to Deafness and Communication Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Phonological acquisition in bilingual children with cochlear implants

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**Investigator:** Mehta, Paras Dr. 30%  
**Award Amount:** \$4,245.30  
**Cost Center:** 00730 / 5043 / H0288 / B0001 / G108407 / 55410  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center  
**Pass\_Thru Agency:** Veterans Administration  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2014 to 9/30/2014  
**CFDA:** 27.011 Intergovernmental Personnel Act (IPA) Mobility Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Peer Facilities VISN Contract FY 14-15

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**Investigator:** Mehta, Paras Dr. 30%  
**Award Amount:** \$3,795.90  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G108467 / 55444  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center  
**Pass\_Thru Agency:** Veterans Administration  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2014 to 9/30/2014  
**CFDA:** 27.011 Intergovernmental Personnel Act (IPA) Mobility Program  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Peer Facilities VISN Contract FY 14-15 - Sonya Stokes

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

## Psychology

**Investigator:** Carlson, Coleen Dr. 4%  
**Award Amount:** \$34,688.92  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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**Investigator:** Francis, David Dr. 2%  
**Award Amount:** \$3,010.00  
**Cost Center:** 00730 / 5013 / H0087 / B0001 / G105999 / 53505  
**Agency:** National Institute on Deafness and Other Communication Disorders  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 93.173 Research Related to Deafness and Communication Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Phonological acquisition in bilingual children with cochlear implants

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**Investigator:** Farris, Samantha Ms. 100%  
**Award Amount:** \$2,298.00  
**Cost Center:** 00730 / 5013 / H0125 / B0100 / G105631 / 52916  
**Agency:** National Institute on Drug Abuse  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2013 to 8/31/2015  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Panic-Relevant Sensations and Smoking Motivation

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

**Investigator:** Augustine, Jennifer Dr. 100%  
**Award Amount:** \$77,008.00  
**Cost Center:** 00730 / 5013 / H0126 / B0001 / G106096 / 53621  
**Agency:** National Institute of Child Health and Human Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/12/2013 to 6/30/2015  
**CFDA:** 93.865 Center for Research for Mothers and Children  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Mother's Education After Childbearing and Family Well-being

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

**Investigator:** Fox, George E. Dr. 90%  
**Award Amount:** \$126,711.90  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G107122 / 55649  
**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2017  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evolutionary History of the Translation Machinery

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**Investigator:** Pennings, Steve Dr. 50%  
**Award Amount:** \$153,551.00  
**Cost Center:** 00730 / 5015 / H0104 / B0001 / G107110 / 55696  
**Agency:** Texas A&M University  
**Pass\_Thru Agency:** U.S. Department of Commerce - National Oceanic and Atmospheric Administration  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2014 to 1/31/2015  
**CFDA:** 11.417 Sea Grant Support  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** Mangroves are invading Texas salt marshes: what are the consequences?

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Chemistry

**Investigator:** Gilbertson, Scott Dr. 100%  
**Award Amount:** \$255,590.00  
**Cost Center:** 00730 / 5015 / H0107 / B0001 / G108384 / 55210  
**Agency:** University of Texas Medical Branch at Galveston  
**Pass\_Thru Agency:** National Institute on Drug Abuse  
**Agency Type:** FEDERAL  
**Duration:** 5/1/2014 to 4/30/2015  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** NOVEL PROBES FOR THE STUDY OF 5-HT2AR: 5-HT2CR BALANCE AND DIMERIZATION - year 2

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**Investigator:** Hoffman, David M. Dr. 62.5%  
**Award Amount:** \$1,662,500.00  
**Cost Center:** 00730 / 5021 / H0107 / B0001 / C107492 / 55556  
**Agency:** The Welch Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 6/1/2014 to 5/31/2019  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Center of Excellence in Polymer Chemistry

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**Investigator:** Yang, Ding-Shyue Prof. 100%  
**Award Amount:** \$55,000.00  
**Cost Center:** 00730 / 5021 / H0107 / B0001 / G107689 / 55674  
**Agency:** American Chemical Society  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2014 to 8/31/2016  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Direct Visualization of Interfacial Energy-Transfer and Charge-Transfer Dynamics of Thin Ionic Liquid Films by Ultrafast Electron Imaging

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Chemistry

**Investigator:** Lee, T. Randall Dr. 60%  
**Award Amount:** \$36,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / C108389 / 55592  
**Agency:** U.S. Air Force - Asian Office of Aerospace Research & Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/25/2014 to 12/24/2015  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Metal Nanoshells for Plasmonically Enhanced Solar-to-Fuel Photocatalytic Conversion

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**Investigator:** Bittner, Eric R. Dr. 100%  
**Award Amount:** \$280,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G107454 / 55596  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2014 to 8/31/2017  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Theory and models for electronic dynamics in organic type II semiconductors.

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## Computer Science

**Investigator:** Kakadiaris, Ioannis Dr. 16%  
**Award Amount:** \$12,574.08  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G106180 / 53725  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Earth &amp; Atmospheric Sciences

**Investigator:** Hall, Stuart A. Dr. 33%  
**Award Amount:** \$8,250.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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**Investigator:** Murphy, Michael Dr. 34%  
**Award Amount:** \$8,500.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Earth &amp; Atmospheric Sciences

**Investigator:** Snow, Jonathan Dr. 33%  
**Award Amount:** \$8,250.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / C107283 / 55458  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2014 to 5/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Igneous Rocks of the Gulf of Mexico region (iGoM) Consortium

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## Mathematics

**Investigator:** Labate, Demetrio Dr. 32%  
**Award Amount:** \$25,148.16  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G106180 / 53725  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

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**Investigator:** Ott, William Dr. 100%  
**Award Amount:** \$188,000.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G107839 / 55557  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2017  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Delay dynamics: biochemical importance, large deviations, and statistical coherence

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Mathematics

**Investigator:** Gorb, Yuliya Dr. 100%  
**Award Amount:** \$62,647.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G107263 / 55558  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2014 to 7/31/2019  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Multiscale Modeling, Analysis and Simulation for High Contrast Media

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**Investigator:** Auchmuty, James F. G. Dr. 100%  
**Award Amount:** \$50,385.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G108245 / 55635  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2014 to 8/31/2015  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Steklov Spectra and Div-curl Analysis - supplement

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**Investigator:** Papadakis, Emanuel Dr. 36%  
**Award Amount:** \$28,291.68  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G106180 / 53725  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

## Physics

**Investigator:** Cheung, Margaret Dr. 100%  
**Award Amount:** \$120,000.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G099926 / 47064  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2010 to 8/31/2015  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Multiscale Investigation of Hydrocarbon Interactions in Porous Spaces

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**Investigator:** Cheung, Margaret Dr. 100%  
**Award Amount:** \$268,281.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G107867 / 55582  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2019  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Cellular Environment on Protein Structure and Folding Dynamics

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**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$117,365.50  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G106779 / 53093  
**Agency:** Ohio State University  
**Pass\_Thru Agency:** U.S. Air Force  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2013 to 11/15/2014  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** MURI: Cryogenic Peltier Cooling

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Weglein, Arthur Dr. 100%  
**Award Amount:** \$99,400.00  
**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:** Pinsky, Lawrence S. Dr. 100%  
**Award Amount:** \$39,638.00  
**Cost Center:** 00730 / 5016 / H0112 / B0001 / G108055 / 55068  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:**  
**Agency Type:** STATE  
**Duration:** 2/1/2014 to 1/31/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Implementation of radiosensitive gel to verify dose distributions for MR-guided treatment delivery systems

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**COLLEGE OF OPTOMETRY****Optometry, Community**

**Investigator:** Smith III, Earl L. Dr. 100%  
**Award Amount:** \$367,500.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G102705 / 49271  
**Agency:** National Institutes of Health  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2011 to 7/31/2015  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Optically Induced Anisometropia

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## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JULY

COLLEGE OF OPTOMETRY

## Optometry, Community

**Investigator:** Smith III, Earl L. Dr. 100%**Award Amount:** \$184,860.00**Cost Center:** 00730 / 5021 / H0114 / B0001 / G090297 / 35093**Agency:** Brien Holden Vision Institute**Pass\_Thru Agency:****Agency Type:** UNIVERSITY**Duration:** 6/1/2004 to 6/30/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Special Research Agreement - Research**Project Title:** Optical Intervention

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**Investigator:** Smith III, Earl L. Dr. 100%**Award Amount:** \$102,000.00**Cost Center:** 00730 / 5021 / H0114 / B0001 / G106923 / 53765**Agency:** Brien Holden Vision Institute**Pass\_Thru Agency:****Agency Type:** UNIVERSITY**Duration:** 7/1/2013 to 6/30/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Optical Intervention - Supplement

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**Investigator:** Frishman, PhD, Laura J. Dr. 100%**Award Amount:** \$602,000.00**Cost Center:** 00730 / 5013 / H0114 / B0001 / G108713 / 55658**Agency:** National Eye Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2014 to 6/30/2015**CFDA:** 93.867 Vision Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CENTER CORE GRANT FOR VISION RESEARCH - Year 27

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****COLLEGE OF OPTOMETRY****Optometry, Community**

**Investigator:** Ostrin, Lisa Dr. 100%  
**Award Amount:** \$165,283.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G107383 / 54545  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2017  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Structural and Functional Changes in Myopia and Susceptibility to Glaucoma

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**COLLEGE OF PHARMACY****Clinical Sciences and Administration**

**Investigator:** Fleming, Marc Dr. 100%  
**Award Amount:** \$4,000.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / C107312 / 54375  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Pfizer, Inc.  
**Agency Type:** PROFIT  
**Duration:** 10/16/2013 to 11/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Emergency Department Pain Registry: Impact Evaluation of the 2012 American College of Physicians Opioid Prescribing Guidelines

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**Investigator:** Garey, Kevin Dr. 100%  
**Award Amount:** \$83,076.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / C107660 / 54785  
**Agency:** Cubist Pharmaceuticals  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/4/2013 to 11/14/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A RANDOMIZED, DOUBLE-BLINDED, ACTIVE-CONTROLLED STUDY OF CB-183,315 IN PATIENTS WITH CLOSTRIDIUM DIFFICILE ASSOCIATED DIARRHEA

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****COLLEGE OF PHARMACY****Heart and Kidney Institute****Investigator:** Lokhandwala, Mustafa F. Dr. 40%**Award Amount:** \$130,935.20**Cost Center:** 00730 / 5013 / H0117 / B0001 / G106060 / 53524**Agency:** National Institute of Diabetes and Digestive and Kidney Diseases**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2013 to 6/30/2017**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress

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**Investigator:** Bandy, Anees Ahmad Dr. 10%**Award Amount:** \$32,733.80**Cost Center:** 00730 / 5013 / H0117 / B0001 / G106060 / 53524**Agency:** National Institute of Diabetes and Digestive and Kidney Diseases**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2013 to 6/30/2017**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress

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**Pharmacological and Pharmaceutical Sciences****Investigator:** Bandy, Anees Ahmad Dr. 10%**Award Amount:** \$32,733.80**Cost Center:** 00730 / 5013 / H0117 / B0001 / G106060 / 53524**Agency:** National Institute of Diabetes and Digestive and Kidney Diseases**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 7/1/2013 to 6/30/2017**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress

**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****COLLEGE OF PHARMACY****Pharmacological and Pharmaceutical Sciences**

**Investigator:** Lokhandwala, Mustafa F. Dr. 40%  
**Award Amount:** \$130,935.20  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G106060 / 53524  
**Agency:** National Institute of Diabetes and Digestive and Kidney Diseases  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2013 to 6/30/2017  
**CFDA:** 93.847 Diabetes, Endocrinology and Metabolism Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Transcriptional Regulation of Renal Dopamine D1 Receptors in Hypertension During Oxidative Stress

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

**Investigator:** Larin, Kirill Dr. 100%  
**Award Amount:** \$388,129.00  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G103851 / 51329  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2012 to 5/31/2015  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Optical Coherence Elastography of the Cornea

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**Investigator:** May, Elebeoba Dr. 100%  
**Award Amount:** \$300,000.00  
**Cost Center:** 00730 / 5013 / H0071 / B0001 / G108500 / 55642  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2016  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** EAGER: A Systems Biology Based Mathematical Abstraction for Programming Engineered Microbes

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Chemical Engineering****Investigator:** Varadarajan, Navin Dr. 95%**Award Amount:** \$434,644.95**Cost Center:** 00730 / 5013 / H0067 / B0001 / G104904 / 51804**Agency:** National Cancer Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/19/2012 to 6/30/2016**CFDA:** 93.310 Trans-NIH Research Support**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Quantitative single-cell biomarkers of T-cells to optimize tumor immunotherapy

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**Investigator:** Harold, Michael Dr. 37.5%**Award Amount:** \$997,500.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C107492 / 55556**Agency:** The Welch Foundation**Pass\_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2019**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Center of Excellence in Polymer Chemistry

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**Investigator:** Conrad, Jacinta Prof. 100%**Award Amount:** \$13,414.06**Cost Center:** 00730 / 5013 / H0067 / B0001 / G108654 / 55595**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/1/2014 to 1/20/2019**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Conrad: Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

**UNIVERSITY OF HOUSTON**  
**Division of Research**

**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2014 - Received during JULY**

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

**Investigator:** Lee, Hyongki Dr. 100%  
**Award Amount:** \$23,157.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107397 / 55536  
**Agency:** Northeastern University  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Agency Type:** FEDERAL  
**Duration:** 3/21/2014 to 3/20/2015  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Decomposing the Water Storage Signal from Basins in Varied Climate Settings with Remote Sensing and Modeling

**Investigator:** Lee, Hyongki Dr. 100%  
**Award Amount:** \$83,308.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G107387 / 55633  
**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/28/2014 to 4/27/2017  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Estimating Two-Dimensional Surface Water Depths in the Congo Wetlands using Multiple Remote Sensing Measurements

**Investigator:** Carter, William Dr. 20%  
**Award Amount:** \$2,900.00  
**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 JULY

CULLEN COLLEGE OF ENGINEERING

## Civil Engineering

**Investigator:** Glennie, Craig Dr. 20%**Award Amount:** \$2,900.00**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:** Shrestha, Ramesh Dr. 60%**Award Amount:** \$8,700.00**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:** Lee, Hyongki Dr. 100%**Award Amount:** \$152,550.00**Cost Center:** 00730 / 5013 / H0068 / B0001 / G105108 / 51357**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/26/2012 to 5/25/2016**CFDA:** 43.001 Aerospace Education Services Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Enhancement of GRACE Temporal Gravity Field Solutions to Study Terrestrial Water Dynamics in the Congo Basin

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

**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$97,561.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104489 / 51850  
**Agency:** Rice University  
**Pass\_Thru Agency:** National Institute of Health - Office of Extramural Research  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2012 to 6/30/2015  
**CFDA:** 93.853 Clinical Research Related to Neurological Disorders  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** NRI-Small: Collaborative Research: BMI Control of a Therapeutic Exoskeleton to Facilitate Personalized Robotic Rehabilitation of the Upper Limb

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**Investigator:** Kayali, Mohammad Dr. 20%  
**Award Amount:** \$12,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0100 / C108687 / 55637  
**Agency:** Micro Systems Engineering  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2014 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Addendum A to Consortium Membership - Center for Electromagnetic Compatibility Research

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**Investigator:** Kayali, Mohammad Dr. 20%  
**Award Amount:** \$6,000.00  
**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 JULY****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering****Investigator:** Chen, Ji Dr. 80%**Award Amount:** \$24,000.00**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:** \$48,000.00**Cost Center:** 00730 / 5022 / H0070 / B0100 / C108687 / 55637**Agency:** Micro Systems Engineering**Pass\_Thru Agency:****Agency Type:** PROFIT**Duration:** 1/1/2014 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Addendum A to Consortium Membership - Center for Electromagnetic Compatibility Research

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**Investigator:** Roysam, Badrinath Dr. 5%**Award Amount:** \$22,876.05**Cost Center:** 00730 / 5013 / H0067 / B0001 / G104904 / 51804**Agency:** National Cancer Institute**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/19/2012 to 6/30/2016**CFDA:** 93.310 Trans-NIH Research Support**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Quantitative single-cell biomarkers of T-cells to optimize tumor immunotherapy

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JULY

CULLEN COLLEGE OF ENGINEERING

## Industrial Engineering

**Investigator:** Lim, Gino Jinho Dr. 65%  
**Award Amount:** \$35,100.00  
**Cost Center:** 00730 / 5013 / H0072 / A0001 / G097811 / 43688  
**Agency:** Jackson State University  
**Pass\_Thru Agency:** U.S. Department of Homeland Security  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2008 to 6/30/2015  
**CFDA:** 97.061 Centers for Homeland Security  
**CB Designation:** Non Research  
**Project Type:** Contract - Instruction  
**Project Title:** Center of Excellence for the Study of Natural Disasters, Coastal Infrastructure and Emergency Management: Education

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**Investigator:** Feng, Qianmei Dr. 35%  
**Award Amount:** \$18,900.00  
**Cost Center:** 00730 / 5013 / H0072 / A0001 / G097811 / 43688  
**Agency:** Jackson State University  
**Pass\_Thru Agency:** U.S. Department of Homeland Security  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2008 to 6/30/2015  
**CFDA:** 97.061 Centers for Homeland Security  
**CB Designation:** Non Research  
**Project Type:** Contract - Instruction  
**Project Title:** Center of Excellence for the Study of Natural Disasters, Coastal Infrastructure and Emergency Management: Education

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## Mechanical Engineering

**Investigator:** Metcalfe, Ralph W. Dr. 50%  
**Award Amount:** \$50,625.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C105780 / 52026  
**Agency:** National Oilwell Varco, L.P.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 8/15/2012 to 2/28/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Erosion Analysis of Ram BOPs and Annulars in Operating Environments

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

**Investigator:** Majkic, Goran Dr. 50%  
**Award Amount:** \$24,997.50  
**Cost Center:** 00730 / 5022 / H0452 / B0001 / G099090 / 44962  
**Agency:** Bruker Advanced Supercon  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2009 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evaluation of YBCO Coated Conductor Architectures

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**Investigator:** Franchek, Matthew Dr. 50%  
**Award Amount:** \$50,625.00  
**Cost Center:** 00730 / 5022 / H0073 / B0001 / C105780 / 52026  
**Agency:** National Oilwell Varco, L.P.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 8/15/2012 to 2/28/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Erosion Analysis of Ram BOPs and Annulars in Operating Environments

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

**Investigator:** Fox, George E. Dr. 10%  
**Award Amount:** \$14,079.10  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G107122 / 55649  
**Agency:** NASA - National Aeronautics and Space Administration - Goddard Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2017  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evolutionary History of the Translation Machinery

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

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

**Investigator:** Kakadiaris, Ioannis Dr. 16%  
**Award Amount:** \$12,574.08  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G106180 / 53725  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 8/1/2013 to 7/31/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Sparse 3D-Data Representations from Compactly Supported Atoms for Rigid Motion Invariant Classification with Applications to Neuroscience Imaging

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**Center for Neuromotor & Biomechanics Research**

**Investigator:** Clarke, Mark Dr. 5%  
**Award Amount:** \$2,600.00  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/3/2011 to 11/2/2015  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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**Investigator:** O'Connor, Daniel Dr. 5%  
**Award Amount:** \$2,600.00  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/3/2011 to 11/2/2015  
**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****DIVISION OF RESEARCH****Center for Neuromotor & Biomechanics Research****Investigator:** Lowder, Thomas Dr. 10%**Award Amount:** \$5,200.00**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 11/3/2011 to 11/2/2015**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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**Investigator:** Simpson, Richard Dr. 80%**Award Amount:** \$41,600.00**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center**Pass\_Thru Agency:****Agency Type:** FEDERAL**Duration:** 11/3/2011 to 11/2/2015**CFDA:** 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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**TcSUH****Investigator:** Ren, Zhifeng Dr. 50%**Award Amount:** \$117,365.50**Cost Center:** 00730 / 5013 / H0452 / B0001 / G106779 / 53093**Agency:** Ohio State University**Pass\_Thru Agency:** U.S. Air Force**Agency Type:** FEDERAL**Duration:** 1/1/2013 to 11/15/2014**CFDA:** 12.800 Air Force Defense Research Sciences Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** MURI: Cryogenic Peltier Cooling

## UNIVERSITY OF HOUSTON

## Division of Research

## New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during JULY

DIVISION OF RESEARCH

## TcSUH

**Investigator:** Lee, T. Randall Dr. 40%  
**Award Amount:** \$24,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / C108389 / 55592  
**Agency:** U.S. Air Force - Asian Office of Aerospace Research & Development  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/25/2014 to 12/24/2015  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Metal Nanoshells for Plasmonically Enhanced Solar-to-Fuel Photocatalytic Conversion

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**Investigator:** Majkic, Goran Dr. 50%  
**Award Amount:** \$24,997.50  
**Cost Center:** 00730 / 5022 / H0452 / B0001 / G099090 / 44962  
**Agency:** Bruker Advanced Supercon  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2009 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Evaluation of YBCO Coated Conductor Architectures

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## TIMES

**Investigator:** Francis, David Dr. 7%  
**Award Amount:** \$60,705.61  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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

**DIVISION OF RESEARCH****TIMES**

**Investigator:** Carlson, Coleen Dr. 16%  
**Award Amount:** \$138,755.68  
**Cost Center:** 00730 / 5013 / H0063 / B0001 / G107513 / 55526  
**Agency:** U.S. Department of Education  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2014 to 6/30/2015  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools

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**Investigator:** Mehta, Paras Dr. 70%  
**Award Amount:** \$8,857.10  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G108467 / 55444  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center  
**Pass\_Thru Agency:** Veterans Administration  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2014 to 9/30/2014  
**CFDA:** 27.011 Intergovernmental Personnel Act (IPA) Mobility Program  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Peer Facilities VISN Contract FY 14-15 - Sonya Stokes

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**Investigator:** Mehta, Paras Dr. 70%  
**Award Amount:** \$9,905.70  
**Cost Center:** 00730 / 5043 / H0288 / B0001 / G108407 / 55410  
**Agency:** Michael E. DeBakey Veterans Affairs Medical Center  
**Pass\_Thru Agency:** Veterans Administration  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2014 to 9/30/2014  
**CFDA:** 27.011 Intergovernmental Personnel Act (IPA) Mobility Program  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Peer Facilities VISN Contract FY 14-15

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**UNIVERSITY OF HOUSTON****Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during JULY****GRADUATE COLLEGE OF SOCIAL WORK****Child & Family for Innovative Research**

**Investigator:** Cheung, Monit Dr. 25%  
**Award Amount:** \$206,167.99  
**Cost Center:** 00730 / 5015 / H0509 / B0100 / C108501 / 55583  
**Agency:** Texas Department of Family and Protective Services  
**Pass\_Thru Agency:** Department of Health and Human Services  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2014 to 6/30/2015  
**CFDA:** 93.658 Foster Care  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Companion Project for National Center for Child Welfare Curriculum Development Child Welfare Education  
 Project-HHS-2013-ACF-ACYF-CT-0595

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**Investigator:** Bordnick, Patrick Dr. 75%  
**Award Amount:** \$618,503.96  
**Cost Center:** 00730 / 5015 / H0509 / B0100 / C108501 / 55583  
**Agency:** Texas Department of Family and Protective Services  
**Pass\_Thru Agency:** Department of Health and Human Services  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2014 to 6/30/2015  
**CFDA:** 93.658 Foster Care  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Companion Project for National Center for Child Welfare Curriculum Development Child Welfare Education  
 Project-HHS-2013-ACF-ACYF-CT-0595

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**Investigator:** Torres-Hostos, Luis Dr. 100%  
**Award Amount:** \$45,050.00  
**Cost Center:** 00730 / 5043 / H0509 / B0001 / G107836 / 54843  
**Agency:** Urban Strategies  
**Pass\_Thru Agency:** Administration for Children and Families  
**Agency Type:** FEDERAL  
**Duration:** 9/30/2013 to 9/29/2014  
**CFDA:** 00.000 Not Elsewhere Classified  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Evaluation and Human Trafficking content support under Urban Strategies: Prime Administration for Children and Families (ACF) Enhancing the Health Care Systems Response to Human Trafficking initiative

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**UNIVERSITY OF HOUSTON**

**Division of Research**

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

**Fiscal Year 2014 - Received during JULY**

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

**Undergraduate Studies**

**Investigator:** Longacre, Teri Dr. 100%

**Award Amount:** \$13,000.00

**Cost Center:** 00730 / 1119 / H0454 / C0001 / G105903 / 53229

**Agency:** Texas Higher Education Coordinating Board

**Pass\_Thru Agency:**

**Agency Type:** STATE

**Duration:** 8/1/2012 to 8/31/2015

**CFDA:**

**CB Designation:** Non Research

**Project Type:** Contract - Public Service

**Project Title:** Texas College and Career Readiness Network (TXCCRN)

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**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$7,125,257.01

**State Funding:** \$52,638.00

**Local Funding:** \$27,400.00

**Profit Funding:** \$732,721.00

**Non Profit Funding:** \$55,000.00

**Foundation Funding:** \$2,660,000.00

**University Funding:** \$286,860.00

**Total:** **\$10,939,876.01**