

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**C.T. BAUER COLLEGE OF BUSINESS****Small Business Development Center**

**Investigator:** Young, Frederick Dr. 100%  
**Award Amount:** \$2,344,743.00  
**Cost Center:** 00730 / 5013 / H0053 / C0001 / G104101 / 49813  
**Agency:** U.S. Small Business Administration  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2011 to 9/30/2012  
**CFDA:** 59.037 Small Business Development Center  
**CB Designation:** Non Research  
**Project Type:** Co-Op Agreement - Public Service  
**Project Title:** Small Business Development Center

---

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

**Investigator:** Freiberg, H. Jerome Dr. 100%  
**Award Amount:** \$84,725.00  
**Cost Center:** 00730 / 5021 / H0063 / C0001 / G104675 / 50199  
**Agency:** Atlanta Independent School System  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2011 to 12/31/2012  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Contract - Public Service  
**Project Title:** Atlanta Independent School System 2011-2012

---

**Investigator:** Freiberg, H. Jerome Dr. 100%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5013 / H0063 / C0001 / G104676 / 50295  
**Agency:** Harris County Department of Education  
**Pass\_Thru Agency:** Department of Health and Human Services  
**Agency Type:** FEDERAL  
**Duration:** 8/30/2011 to 7/31/2012  
**CFDA:** 93.600 Head Start  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Harris County Department of Education Head Start 2011-2012 (Start-Up/Year 2)

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** White, Cameron Dr. 100%  
**Award Amount:** \$60,000.00  
**Cost Center:** 00730 / 5013 / H0062 / C0001 / G104693 / 50033  
**Agency:** Houston Independent School District  
**Pass\_Thru Agency:** USE DED100; U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2011 to 6/30/2012  
**CFDA:** 84.007 Federal Supplemental Educational Opportunity Grants  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Texas Teachers Teaching American History - Year 2011-2012

---

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Arte Publico Press**

**Investigator:** Kanellos, Nicolas Dr. 100%  
**Award Amount:** \$6,000.00  
**Cost Center:** 00730 / 5013 / H0093 / B0100 / G104032 / 49992  
**Agency:** Humanities Texas  
**Pass\_Thru Agency:** National Endowment for the Humanities  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2011 to 3/31/2013  
**CFDA:** 45.129 Promotion of the Humanities - Federal/State Partnership  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Good Neighbors?: Alonso S. Perales and the Development of Mexican American Public Intellectuals

---

**Blaffer Gallery**

**Investigator:** Schmuckli, Claudia Ms. 100%  
**Award Amount:** \$5,132.00  
**Cost Center:** 00730 / 5017 / H0097 / C0001 / G103548 / 50318  
**Agency:** Texas Commission on the Arts  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 8/31/2012  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Texas Create

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Alfano, Candice Dr. 100%  
**Award Amount:** \$166,185.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G104218 / 49642  
**Agency:** NIH/Center for Scientific Review  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 11/30/2012  
**CFDA:** 93.281 Mental Health Research Career/Scientist Development Awards  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Mechanisms of Sleep Disturbance in Children with Generalized Anxiety Disorder

---

**Investigator:** McIntyre, Maria Teresa Dr. 50%  
**Award Amount:** \$200,000.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101970 / 48264  
**Agency:** Institute of Educational Sciences  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2011 to 2/28/2013  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Using longitudinal and momentary analysis to study the impact of middle school teachers' stress on teacher effectiveness, student behavior and achievement

---

**Investigator:** Zvolensky, Michael Dr. 100%  
**Award Amount:** \$67,499.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G104389 / 50181  
**Agency:** Southern Methodist University  
**Pass\_Thru Agency:** NIH/Division of Research Grants  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 8/31/2012  
**CFDA:** 93.242 Mental Health Research Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Exercise Intervention for Smoking

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Carlson, Coleen Dr. 10%  
**Award Amount:** \$13,699.20  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G103812 / 50177  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/14/2011 to 11/13/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

---

**Investigator:** Leasure, J. Leigh Dr. 50%  
**Award Amount:** \$24,849.00  
**Cost Center:** 00730 / 5021 / H0125 / B0001 / G101319 / 47780  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** James S. McDonnell Foundation  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2010 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Identifying preclinical imaging markers of radiation side effects: an animal brain tumor model to correlate radiation-induced imaging changes, neurogenesis and cognitive impairment

---

**Investigator:** Alcantara, Adriana Dr. 50%  
**Award Amount:** \$24,849.00  
**Cost Center:** 00730 / 5021 / H0125 / B0001 / G101319 / 47780  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** James S. McDonnell Foundation  
**Agency Type:** FOUNDATION  
**Duration:** 9/1/2010 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Identifying preclinical imaging markers of radiation side effects: an animal brain tumor model to correlate radiation-induced imaging changes, neurogenesis and cognitive impairment

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****School of Music**

**Investigator:** Austin, Alan Mr. 100%  
**Award Amount:** \$3,347.00  
**Cost Center:** 00730 / 5017 / H0090 / C0001 / G103447 / 50317  
**Agency:** Texas Commission on the Arts  
**Pass\_Thru Agency:** State of Texas  
**Agency Type:** STATE  
**Duration:** 9/1/2011 to 8/31/2012  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** Texas Music Festival 2011

---

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

**Investigator:** Weihua, Zhang Dr. 100%  
**Award Amount:** \$165,936.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G104955 / 50325  
**Agency:** U.S. Army Medical Research Acquisition Activity  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 5/7/2009 to 5/3/2012  
**CFDA:** 12.420 Military Medical Research and Development  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Targeting the Kinase Independent Pro-Survival Functions of EGFR in Prostate Cancer - H0104

---

**Investigator:** Gunaratne, Preethi Dr. 100%  
**Award Amount:** \$62,460.00  
**Cost Center:** 00730 / 5021 / H0104 / B0001 / G101798 / 48614  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** Cancer Prevention and Research Institute of Texas  
**Agency Type:** STATE  
**Duration:** 12/1/2010 to 11/30/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Inhibition of the Wip1 oncogenic phosphatase as an anti-cancer strategy

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Liu, Yu Dr. 100%  
**Award Amount:** \$231,000.00  
**Cost Center:** 00730 / 5021 / H0104 / B0001 / G102017 / 47963  
**Agency:** American Heart Association - National Center  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2011 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Mutual interactive factors beta-catenin and Oct4 regulate Mesp1 transcription

---

**Chemistry**

**Investigator:** Miljanic, Ognjen Dr. 100%  
**Award Amount:** \$240,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G104099 / 50333  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2012 to 5/31/2017  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Kinetic Self-Sorting of Dynamic Combinatorial Libraries

---

**Investigator:** Jacobson, Allan J. Dr. 50%  
**Award Amount:** \$200,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G098211 / 45052  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2009 to 2/28/2013  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Enhanced Mixed Electronic-Ionic Conductors through Cation Ordering

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

**Investigator:** Vilalta, Ricardo Dr. 50%  
**Award Amount:** \$12,500.00  
**Cost Center:** 00730 / 5022 / H0246 / B0001 / G102048 / 47150  
**Agency:** Halliburton Energy Services  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2010 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Machine Learning and Intelligent Agents in Oil Fields Drilling: Predicting Stuck Pipes

---

**Investigator:** Garbey, Marc Dr. 100%  
**Award Amount:** \$10,000.00  
**Cost Center:** 00730 / 5021 / H0108 / B0001 / G104821 / 50332  
**Agency:** Methodist Hospital Research Institute  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 2/1/2012 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Quantitative Analysis of Stent and Target for Improvement for Elodie Lennard

---

**Investigator:** Chapman, Barbara M. Dr. 100%  
**Award Amount:** \$80,000.00  
**Cost Center:** 00730 / 5022 / H0108 / B0001 / G098867 / 44268  
**Agency:** Total  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/1/2009 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Co-Array Fortran Language Enhancement and Reference Implementation

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

**Investigator:** Chapman, Barbara M. Dr. 100%  
**Award Amount:** \$25,000.00  
**Cost Center:** 00730 / 5021 / H0108 / B0001 / G104600 / 50290  
**Agency:** Oak Ridge Associated Universities  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 2/1/2012 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** A similarity-based analysis tool for pattern derivation and large scale program restructuring

---

**Investigator:** Gabriel, Edgar Dr. 100%  
**Award Amount:** \$65,758.00  
**Cost Center:** 00730 / 5013 / H0108 / B0001 / G097543 / 44023  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/15/2009 to 1/31/2014  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** 'CAREER:Dynamic Run-Time Tuning of Parallel, Adaptive and Hybrid Applications'

---

**Geosciences**

**Investigator:** Lapen, Thomas Dr. 50%  
**Award Amount:** \$27,052.50  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G104679 / 50287  
**Agency:** Shell International Exploration and Production Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2012 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Provenance Systematics of Middle Cretaceous Sandstones, Western Canada Sedimentary Basin, Alberta, Canada

---



**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Geosciences**

**Investigator:** Chafetz, Henry S. Dr. 100%  
**Award Amount:** \$258,868.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G104604 / 50289  
**Agency:** Total  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2012 to 12/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TOTAL Research Collaborations

---

**Investigator:** Snow, Jonathan Dr. 100%  
**Award Amount:** \$26,583.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G097682 / 44809  
**Agency:** Lunar and Planetary Institute  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Ames Research Center  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2009 to 4/26/2012  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Processes in the Origin and Evolution of the Moon: New Sample-driven Perspectives

---

**Investigator:** Mann, Paul Dr. 100%  
**Award Amount:** \$60,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G103956 / 49251  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2011 to 8/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Geosciences**

**Investigator:** Bhattacharya, Janok Dr. 50%  
**Award Amount:** \$27,052.50  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G104679 / 50287  
**Agency:** Shell International Exploration and Production Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2012 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Provenance Systematics of Middle Cretaceous Sandstones, Western Canada Sedimentary Basin, Alberta, Canada

---

**Investigator:** Lapen, Thomas Dr. 100%  
**Award Amount:** \$26,583.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G097653 / 44812  
**Agency:** Lunar and Planetary Institute  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Ames Research Center  
**Agency Type:** FEDERAL  
**Duration:** 6/1/2009 to 4/26/2012  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Impact Processes in the Origin and Evolution of the Moon: New Sample-driven Perspectives

---

**Investigator:** Han, De-Hua Dr. 100%  
**Award Amount:** \$40,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G094777 / 40041  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2007 to 12/31/2020  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Fluid & Rock Properties and Seismic Hydrocarbon Indicators

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Geosciences**

**Investigator:** Brandon, Alan Dr. 100%  
**Award Amount:** \$326,675.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G104803 / 50288  
**Agency:** Shell International Exploration and Production Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/30/2012 to 1/29/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Absolute Re-Os Dating of Source Rocks and Hydrocarbons

---

**Mathematics**

**Investigator:** Azencott, Robert Dr. 100%  
**Award Amount:** \$23,794.00  
**Cost Center:** 00730 / 5021 / H0110 / B0001 / G102911 / 47967  
**Agency:** Texas Children's Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 2/1/2011 to 1/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Scientific Collaboration between Texas Children's Hospital and the University of Houston

---

**Investigator:** Evans, Paige Dr. 100%  
**Award Amount:** \$80,000.00  
**Cost Center:** 00730 / 5021 / H0110 / B0100 / G104844 / 50334  
**Agency:** Bernard Harris Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 1/31/2012 to 1/31/2013  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Harris Camp 2012

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Bensaoula, Abdelhak Dr. 100%  
**Award Amount:** \$12,500.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / G102998 / 48667  
**Agency:** Integrated Micro Sensors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2011 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Agreement on Design, fabrication and characterization procedures for hybrid photovoltaic devices

---

**Investigator:** Bering, Edgar A. Dr. 25%  
**Award Amount:** \$34,248.00  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G103812 / 50177  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/14/2011 to 11/13/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

---

**Investigator:** Bensaoula, Abdelhak Dr. 25%  
**Award Amount:** \$3,125.00  
**Cost Center:** 00730 / 5022 / H0545 / B0001 / G101752 / 46757  
**Agency:** Integrated Micro Sensors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2010 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Design a joint R&D program to investigate development of fabrication and characterization procedures for organic-inorganic thin film materials for energy storage and photovoltaic applications

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Weglein, Arthur Dr. 100%  
**Award Amount:** \$248,500.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / G094786 / 40040  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2007 to 12/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Mission-Oriented Seismic Research Program

---

**Investigator:** Bensaoula, Abdelhak Dr. 50%  
**Award Amount:** \$14,500.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G104894 / 50371  
**Agency:** Integrated Micro Sensors  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Stennis Space Center  
**Agency Type:** FEDERAL  
**Duration:** 12/31/2011 to 12/31/2012  
**CFDA:** 43.000 National Aeronautics and Space Administration  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Improving Solar Cells Efficiencies Using Epitaxial Mirror/Buffers as Photon Recycling Layers

---

**Investigator:** Freundlich, Alexandre Dr. 20%  
**Award Amount:** \$21,700.00  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G099644 / 49437  
**Agency:** Arizona State University  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2011 to 7/31/2012  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ERC for Quantum Energy and Sustainable Solar Technologies

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Smith III, Earl L. Dr. 5%  
**Award Amount:** \$18,000.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G098703 / 45878  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2010 to 1/31/2013  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Amblyopia and Study of Cortical Mechanisms

---

**Investigator:** Harwerth, Ronald S. Dr. 5%  
**Award Amount:** \$18,000.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G098703 / 45878  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2010 to 1/31/2013  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Amblyopia and Study of Cortical Mechanisms

---

**Investigator:** Chino, Yuzo M. Dr. 65%  
**Award Amount:** \$234,000.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G098703 / 45878  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2010 to 1/31/2013  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Amblyopia and Study of Cortical Mechanisms

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Wensveen, Janice Dr. 25%  
**Award Amount:** \$90,000.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G098703 / 45878  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2010 to 1/31/2013  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Amblyopia and Study of Cortical Mechanisms

---

**Investigator:** Bergmanson, Jan P. G. Dr. 100%  
**Award Amount:** \$45,260.00  
**Cost Center:** 00730 / 5022 / H0114 / B0001 / G104958 / 50327  
**Agency:** Abbott Medical Optics, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/6/2011 to 5/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** AMO Protocol COR-TERTC-012011 Qualitative and Quantitative Assessment of the Efficacy of Various Soft Contact Lens Multipurpose Solutions Against Acanthamoeba Trophozoites and Cysts

---

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

**Investigator:** Garey, Kevin Dr. 30%  
**Award Amount:** \$75,537.30  
**Cost Center:** 00730 / 5013 / H0118 / B0001 / G103918 / 50322  
**Agency:** City of Houston Health and Human Services  
**Pass\_Thru Agency:** Department of Health and Human Services - Office of Disease Prevention and Health Promotion (ODPHP)  
**Agency Type:** FEDERAL  
**Duration:** 1/12/2012 to 1/11/2013  
**CFDA:** 00.000 Not Elsewhere Classified  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Hospital-based Antimicrobial Prescribing towards Reducing Antimicrobial-resistant Hospital-Associated Infections

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Cottreau , Jessica Dr. 70%  
**Award Amount:** \$176,253.70  
**Cost Center:** 00730 / 5013 / H0118 / B0001 / G103918 / 50322  
**Agency:** City of Houston Health and Human Services  
**Pass\_Thru Agency:** Department of Health and Human Services - Office of Disease Prevention and Health Promotion (ODPHP)  
**Agency Type:** FEDERAL  
**Duration:** 1/12/2012 to 1/11/2013  
**CFDA:** 00.000 Not Elsewhere Classified  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Improving Hospital-based Antimicrobial Prescribing towards Reducing Antimicrobial-resistant Hospital-Associated Infections

---

**Investigator:** Garey, Kevin Dr. 100%  
**Award Amount:** \$51,000.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / G104939 / 50303  
**Agency:** T2 Biosystems  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 2/6/2012 to 7/1/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Detecting Infections Rapidly and Easily for Candidemia Trial (DIRECT Study)

---

**Institute for Drug Education and Research**

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$15,750.00  
**Cost Center:** 00730 / 5043 / H0117 / B0001 / G104656 / 50300  
**Agency:** Wyle Science Technology and Engineering Group  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 12/19/2011 to 8/31/2012  
**CFDA:** 00.000 Not Elsewhere Classified  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Clinical Pharmacokinetics of Intranasal Scopolamine (INSCOP)

---



**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Chow, Diana S. L. Dr. 50%  
**Award Amount:** \$15,750.00  
**Cost Center:** 00730 / 5043 / H0117 / B0001 / G104656 / 50300  
**Agency:** Wyle Science Technology and Engineering Group  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center  
**Agency Type:** FEDERAL  
**Duration:** 12/19/2011 to 8/31/2012  
**CFDA:** 00.000 Not Elsewhere Classified  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Clinical Pharmacokinetics of Intranasal Scopolamine (INSCOP)

---

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

**Investigator:** Donnelly, Vincent Dr. 50%  
**Award Amount:** \$67,762.50  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / G104466 / 50389  
**Agency:** Tokyo Electron America  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2010 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Diagnostics of an RLSA Plasma Source

---

**Investigator:** Economou, Demetre J. Dr. 50%  
**Award Amount:** \$67,762.50  
**Cost Center:** 00730 / 5022 / H0067 / B0001 / G104466 / 50389  
**Agency:** Tokyo Electron America  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2010 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Diagnostics of an RLSA Plasma Source

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Mo, Yi-Lung Dr. 40%  
**Award Amount:** \$30,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G103324 / 50221  
**Agency:** University of Alaska Anchorage  
**Pass\_Thru Agency:** U. S. Department of Transportation - Federal Transit Administration  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 9/30/2012  
**CFDA:** 20.701 University Centers Transportation Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Continued Study of Automatic Electrical De-icing System using Emerging Carbon fiber Tape

---

**Electrical & Computer Engineering**

**Investigator:** Wosik, Jarek Dr. 20%  
**Award Amount:** \$5,500.00  
**Cost Center:** 00730 / 5021 / H0452 / B0001 / G104802 / 50375  
**Agency:** The Methodist Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2012 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Induction of cancer cells apoptosis using mechanical oscillation of targeted non-spherical magnetic constructs by locally induced magnetic field

---

**Investigator:** Freundlich, Alexandre Dr. 20%  
**Award Amount:** \$21,700.00  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G099644 / 49437  
**Agency:** Arizona State University  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2011 to 7/31/2012  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ERC for Quantum Energy and Sustainable Solar Technologies

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Contreras-Vidal, Jose Dr. 100%  
**Award Amount:** \$45,804.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104795 / 50178  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/1/2011 to 5/31/2015  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** HCC: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroprosthetics

---

**Investigator:** Liu, Ce Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / G096869 / 42176  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2007 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Well Logging Consortium

---

**Investigator:** Kayali, Mohammad Dr. 20%  
**Award Amount:** \$3,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / G101781 / 46615  
**Agency:** Mixed Multi-Donors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/26/2010 to 1/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Membership - Center for Electromagnetic compatibility Research

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Chen, Ji Dr. 80%  
**Award Amount:** \$12,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / G101781 / 46615  
**Agency:** Mixed Multi-Donors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 4/26/2010 to 1/31/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Membership - Center for Electromagnetic compatibility Research

---

**Investigator:** Chen, Ji Dr. 100%  
**Award Amount:** \$81,657.50  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / G103747 / 50249  
**Agency:** TomoTherapy Incorporated  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 3/1/2011 to 5/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Magnetic Tracking Inside Conducting Bores for Radiotherapy Tumor Localization Systems

---

**Mechanical Engineering**

**Investigator:** Song, Gangbing Dr. 60%  
**Award Amount:** \$45,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G103324 / 50221  
**Agency:** University of Alaska Anchorage  
**Pass\_Thru Agency:** U. S. Department of Transportation - Federal Transit Administration  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2011 to 9/30/2012  
**CFDA:** 20.701 University Centers Transportation Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Continued Study of Automatic Electrical De-icing System using Emerging Carbon fiber Tape

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Freundlich, Alexandre Dr. 60%  
**Award Amount:** \$65,100.00  
**Cost Center:** 00730 / 5013 / H0453 / B0001 / G099644 / 49437  
**Agency:** Arizona State University  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 8/15/2011 to 7/31/2012  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** ERC for Quantum Energy and Sustainable Solar Technologies

---

**Institute for Nanoenergy**

**Investigator:** Bensaoula, Abdelhak Dr. 75%  
**Award Amount:** \$9,375.00  
**Cost Center:** 00730 / 5022 / H0545 / B0001 / G101752 / 46757  
**Agency:** Integrated Micro Sensors  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2010 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Design a joint R&D program to investigate development of fabrication and characterization procedures for organic-inorganic thin film materials for energy storage and photovoltaic applications

---

**Investigator:** Bensaoula, Abdelhak Dr. 50%  
**Award Amount:** \$14,500.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G104894 / 50371  
**Agency:** Integrated Micro Sensors  
**Pass\_Thru Agency:** NASA - National Aeronautics and Space Administration - Stennis Space Center  
**Agency Type:** FEDERAL  
**Duration:** 12/31/2011 to 12/31/2012  
**CFDA:** 43.000 National Aeronautics and Space Administration  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Improving Solar Cells Efficiencies Using Epitaxial Mirror/Buffers as Photon Recycling Layers

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Wosik, Jarek Dr. 80%  
**Award Amount:** \$22,000.00  
**Cost Center:** 00730 / 5021 / H0452 / B0001 / G104802 / 50375  
**Agency:** The Methodist Hospital  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 1/1/2012 to 12/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Induction of cancer cells apoptosis using mechanical oscillation of targeted non-spherical magnetic constructs by locally induced magnetic field

---

**Investigator:** Jacobson, Allan J. Dr. 50%  
**Award Amount:** \$200,000.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G098211 / 45052  
**Agency:** U.S. Department of Energy  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2009 to 2/28/2013  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Enhanced Mixed Electronic-Ionic Conductors through Cation Ordering

---

**Texas Learning/Computation Center**

**Investigator:** Vilalta, Ricardo Dr. 50%  
**Award Amount:** \$12,500.00  
**Cost Center:** 00730 / 5022 / H0246 / B0001 / G102048 / 47150  
**Agency:** Halliburton Energy Services  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2010 to 8/31/2012  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Machine Learning and Intelligent Agents in Oil Fields Drilling: Predicting Stuck Pipes

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

**DIVISION OF RESEARCH****Texas Learning/Computation Center**

**Investigator:** Bering, Edgar A. Dr. 25%  
**Award Amount:** \$34,248.00  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G103812 / 50177  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/14/2011 to 11/13/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

---

**Investigator:** Carlson, Coleen Dr. 5%  
**Award Amount:** \$6,849.60  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G103812 / 50177  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/14/2011 to 11/13/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

---

**TIMES**

**Investigator:** McIntyre, Maria Teresa Dr. 50%  
**Award Amount:** \$200,000.00  
**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101970 / 48264  
**Agency:** Institute of Educational Sciences  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2011 to 2/28/2013  
**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Using longitudinal and momentary analysis to study the impact of middle school teachers' stress on teacher effectiveness, student behavior and achievement

---

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2012 - Received during FEBRUARY**

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

**Investigator:** Carlson, Coleen Dr. 35%  
**Award Amount:** \$47,947.20  
**Cost Center:** 00730 / 5013 / H0246 / B0001 / G103812 / 50177  
**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/14/2011 to 11/13/2014  
**CFDA:** 43.001 Aerospace Education Services Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

---

**HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT****Hotel and Restaurant Management**

**Investigator:** Neal, Jack Dr. 100%  
**Award Amount:** \$58,837.68  
**Cost Center:** 00730 / 5014 / H0081 / B0001 / G103772 / 50302  
**Agency:** Texas Department of Agriculture  
**Pass\_Thru Agency:** U.S. Department of Agriculture  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2011 to 12/31/2012  
**CFDA:** 10.001 Agricultural Research - Basic and Applied Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Economical Post-Harvest Practices for Leafy Greens Grown on Texas Small Farms

---

**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$5,096,711.68  
**State Funding:** \$70,939.00  
**Local Funding:** \$0.00  
**Profit Funding:** \$1,496,590.50  
**Non Profit Funding:** \$377,019.00  
**Foundation Funding:** \$129,698.00  
**University Funding:** \$25,000.00  
**Total:** **\$7,195,958.18**