

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

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

Investigator: Maher, Lynn Dr. 100%
Award Amount: \$175,284.00
Cost Center: 00730 / 5021 / H0087 / C0001 / G104805 / 50180
Agency: United Way of Greater Houston
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2012 to 12/31/2012
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: United Way Support for Services: 2012

English

Investigator: Houston, Natalie M. Dr. 100%
Award Amount: \$49,955.00
Cost Center: 00730 / 5013 / H0086 / B0001 / G104343 / 50955
Agency: National Endowment for the Humanities
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 5/31/2013
CFDA: 45.169 Humanities_Digital Humanities Initiative
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Visual Page

Psychology

Investigator: Zvolensky, Michael Dr. 100%
Award Amount: \$28,000.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G104090 / 49988
Agency: Louisiana State University
Pass_Thru Agency: National Institute on Drug Abuse
Agency Type: FEDERAL
Duration: 9/1/2011 to 2/28/2013
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multi-method Assessment of Affective and Situational Antecedents of Marijuana Use

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

Investigator: Branum-Martin, Lee Dr. 20%
Award Amount: \$17,909.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G103892 / 51005
Agency: Lehigh University
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 84.324 Special Education Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reading Achievement Multi-Component Program (RAMP-UP)

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

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$16,317.92
Cost Center: 00730 / 5015 / H0067 / B0001 / G105277 / 50975
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$45,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G104223 / 50866
Agency: Sanford-Burnham Institute of Medical Research
Pass_Thru Agency: National Heart, Lung, and Blood Institute
Agency Type: FEDERAL
Duration: 4/1/2012 to 3/31/2013
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: microRNAs and integrative control of cardiopoiesis

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

Investigator: Frankino, William Dr. 100%
Award Amount: \$14,995.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G104687 / 50779
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2012 to 5/31/2014
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: DISSERTATION RESEARCH: The ecology and evolution of morphological scaling

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$1,186.72
Cost Center: 00730 / 5015 / H0104 / B0001 / G105275 / 50973
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Cooper, Tim Dr. 100%
Award Amount: \$96,615.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G100912 / 47154
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2010 to 8/31/2013
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Rewiring a resource utilization network: mechanistic basis and ecological implications

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

Investigator: Wang, Yuhong Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G104927 / 50937
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The kinetics and conformational changes during the peptidyl transferase reaction in single ribosomes

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$12,164.24
Cost Center: 00730 / 5015 / H0070 / B0001 / G105278 / 50952
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Yeo, Hye-Jeong Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G105226 / 50924
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural Studies of Novel Surface Polypeptides

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

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$12,164.24
Cost Center: 00730 / 5015 / H0070 / B0001 / G105074 / 50420
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Center for Nuclear Receptors and Cell Signaling

Investigator: Frigo, Daniel Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G103369 / 51028
Agency: National Cancer Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/14/2012 to 4/30/2013
CFDA: 93.393 Cancer Cause and Prevention Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Modulation of Branched-Chain Fatty Acids for the Prevention of Prostate Cancer

Chemistry

Investigator: Thummel, Randolph P. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105232 / 50938
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Design and Synthesis of Azaaromatic Ligands and the Study of their Metal Complexes

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Bittner, Eric R. Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G104916 / 50920
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Theory and simulation of excited state electronic dynamics in organic solar cells

Investigator: Baldelli, Steve Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105223 / 50916
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structure and Orientation Of Room-Temperature Ionic Liquids at the Electrified Graphene Interface

Investigator: Kadish, Karl M. Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105235 / 50914
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Miljanic, Ognjen Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105230 / 50939
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Conjugated Benzobisoxazole Cruciforms as Fluorescent Sensors in Solution and Solid State

Investigator: Daugulis, Olafs Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105225 / 50917
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: New Methods of Carbon-Hydrogen Bond Functionalization

Investigator: Hoffman, David M. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G104956 / 50936
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Synthesis of Metal Complexes with Sterically Encumbered Ketimide Ligands

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Lubchenko, Vassily Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105243 / 50915
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: New Type of Electronic States in Vitreous Chalcogenides and Pnictides

Investigator: May, Jeremy Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105229 / 50905
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Total Synthesis of Bioactive Natural Products via Novel Strategies.

Investigator: Halasyamani, P. Shiv Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G104922 / 50940
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Synthesis, Crystal Growth, and Structure-Property Relationships in New Multi-Functional Polar Oxide Materials

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Lee, T. Randall Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105236 / 50921
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Dithiocarboxylates and Structural Analogs for Generating Patterned Surfaces and Stable Nanoparticles

Investigator: Guloy, Arnold M. Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G105224 / 50918
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Chemical Bonding and Properties of 'Electron-Poor' Intermetallics along the Zintl Border

Computer Science

Investigator: Pavlidis, Ioannis Dr. 45%
Award Amount: \$4,500.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G104957 / 50622
Agency: Texas Medical Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/15/2012 to 9/15/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Unobtrusive and Sustained Quantification of Pain

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

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$18,786.00
Cost Center: 00730 / 5021 / H0108 / B0001 / G102294 / 47951
Agency: Methodist Hospital Research Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Image and Computational Modeling of Breast Conserving Therapy; PhD Graduate Student, Remi Salmon, Salary and Fringe, Sept 1, 2010 - Aug 31, 2011

Investigator: Lindner, Peggy Dr. 5%
Award Amount: \$500.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G104957 / 50622
Agency: Texas Medical Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/15/2012 to 9/15/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Unobtrusive and Sustained Quantification of Pain

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$7,044.75
Cost Center: 00730 / 5021 / H0108 / B0001 / G099701 / 45160
Agency: Methodist Hospital Research Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2009 to 1/15/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Breast Cancer Therapy (BCP); David Thanoon PhD, Salary 2009-2010

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

Investigator: Li, Liming Dr. 50%
Award Amount: \$50,841.50
Cost Center: 00730 / 5013 / H0429 / B0001 / G098168 / 45180
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2009 to 9/30/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Energy Balance of Saturn and Jupiter

Investigator: Han, De-Hua Dr. 100%
Award Amount: \$120,000.00
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

Investigator: Jiang, Xun Dr. 50%
Award Amount: \$463.43
Cost Center: 00730 / 5013 / H0429 / B0001 / G099694 / 44967
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 10/1/2009 to 12/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigate Physical Processes in Global Climate Models Using Atmospheric Infrared Sounder (AIRS) Composition Retrievals

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

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

Institute for Multidimensional Air Quality Studies

Investigator: Li, Liming Dr. 50%
Award Amount: \$50,841.50
Cost Center: 00730 / 5013 / H0429 / B0001 / G098168 / 45180
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2009 to 9/30/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Energy Balance of Saturn and Jupiter

Investigator: Jiang, Xun Dr. 50%
Award Amount: \$463.43
Cost Center: 00730 / 5013 / H0429 / B0001 / G099694 / 44967
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 10/1/2009 to 12/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigate Physical Processes in Global Climate Models Using Atmospheric Infrared Sounder (AIRS) Composition Retrievals

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Mathematics**

Investigator: Gorb, Yuliya Dr. 100%
Award Amount: \$101,067.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G100814 / 47009
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2010 to 7/31/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multiscale Simulations for Heterogeneous Particulate Flows

Physics

Investigator: Su, Wu-Pei Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G105244 / 50934
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Real Space Approach to the Macromolecular X-ray Phase Problem

Investigator: Weglein, Arthur Dr. 100%
Award Amount: \$49,700.00
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

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Sawh, Ravi-Persad Mr. 20%
Award Amount: \$667,081.40
Cost Center: 00730 / 5022 / H0112 / B0001 / G105297 / 50976
Agency: National Oilwell Varco, L.P.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/25/2012 to 4/25/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of improved motors, magnetic gears, and superconducting materials

Investigator: Ting, Chin-Sen Dr. 50%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G104935 / 50956
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Superconductivity in Fe-Pnictides and Strongly Correlated Electron Systems

Investigator: Lau, Kwong Dr. 100%
Award Amount: \$340,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G101171 / 46961
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2010 to 8/14/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Measuring Theta_13 at Daya Bay

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Weinstein, Roy Dr. 30%
Award Amount: \$1,000,622.10
Cost Center: 00730 / 5022 / H0112 / B0001 / G105297 / 50976
Agency: National Oilwell Varco, L.P.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/25/2012 to 4/25/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of improved motors, magnetic gears, and superconducting materials

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G105193 / 51039
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Research Laboratory
Agency Type: FEDERAL
Duration: 1/1/2012 to 12/31/2012
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Lightweight, Accurate Bleed Flow Measurement for Gas Turbine Engines

COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Frishman, PhD, Laura J. Dr. 100%
Award Amount: \$106,240.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G104892 / 50942
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2012 to 3/31/2013
CFDA: 93.867 Vision Research
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Short-term Training in Health Professional Schools

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Frishman, PhD, Laura J. Dr. 100%
Award Amount: \$602,265.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G095800 / 42062
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2008 to 4/30/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Core Grant for Vision Research

Investigator: Glasser, Adrian Dr. 100%
Award Amount: \$45,000.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G089898 / 35548
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/1/2004 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: UHCO Accommodation and Presbyopia Research Center

COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Tam, Vincent Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0118 / B0001 / G104874 / 50933
Agency: Methodist Hospital Research Institute
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: Pharmacodynamic assessment for formulary decisions

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COLLEGE OF PHARMACY**Heart and Kidney Institute**

Investigator: Bond, Richard A. Dr. 25%
Award Amount: \$110,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G105251 / 50906
Agency: National Institute of Allergy and Infectious Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanisms of Beta-blocker Induced Improvements in Asthma

Investigator: Knoll, Brian Dr. 25%
Award Amount: \$110,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G105251 / 50906
Agency: National Institute of Allergy and Infectious Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanisms of Beta-blocker Induced Improvements in Asthma

Pharmacological and Pharmaceutical Sciences

Investigator: Knoll, Brian Dr. 25%
Award Amount: \$110,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G105251 / 50906
Agency: National Institute of Allergy and Infectious Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanisms of Beta-blocker Induced Improvements in Asthma

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COLLEGE OF PHARMACY**Pharmacological and Pharmaceutical Sciences**

Investigator: Bond, Richard A. Dr. 25%
Award Amount: \$110,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G105251 / 50906
Agency: National Institute of Allergy and Infectious Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanisms of Beta-blocker Induced Improvements in Asthma

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Birla, Ravi Mr. 100%
Award Amount: \$229,616.13
Cost Center: 00730 / 5013 / H0071 / B0001 / G105069 / 50828
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 3/31/2014
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Fabrication of 3D Cardiac Patches for Myocardial Recovery

Investigator: Gifford, Howard 100%
Award Amount: \$358,284.73
Cost Center: 00730 / 5013 / H0071 / B0001 / G105040 / 50466
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 8/31/2012
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reliable Human-Model Observers for Emission Tomography

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CULLEN COLLEGE OF ENGINEERING**Center for Innovative Grouting Materials and Tech**

Investigator: Vipulanandan, Cumaraswamy D80%
Award Amount: \$64,000.00
Cost Center: 00730 / 5022 / H0069 / B0001 / G105268 / 50958
Agency: Chevron Energy Technology Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/17/2012 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Oil Pipeline Decommissioning Functional Requirements: Fast Intervention Tools and Grout Research

Investigator: Vipulanandan, Cumaraswamy D80%
Award Amount: \$52,000.00
Cost Center: 00730 / 5022 / H0069 / B0001 / G104828 / 50978
Agency: Advanced Drainage System
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/15/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Characterizing and Testing of High Performance Polypropylene Pipes

Center for Integrated Bio and Nano Systems

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$15,205.30
Cost Center: 00730 / 5015 / H0070 / B0001 / G105074 / 50420
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$30,410.60
Cost Center: 00730 / 5015 / H0070 / B0001 / G105278 / 50952
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$15,205.30
Cost Center: 00730 / 5015 / H0070 / B0001 / G105278 / 50952
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$40,794.80
Cost Center: 00730 / 5015 / H0067 / B0001 / G105277 / 50975
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Litvinov, Dmitri Dr. 50%
Award Amount: \$2,500.00
Cost Center: 00730 / 5015 / H0070 / B0001 / G103627 / 50865
Agency: UNIVERSITY OF TEXAS AT BROWNSVILLE
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 10/1/2011 to 9/30/2012
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Support of the UT Brownsville undergraduate nanotechnology demonstrations by the UH Nanofabrication Facility

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$1,483.40
Cost Center: 00730 / 5015 / H0104 / B0001 / G105275 / 50973
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$20,397.40
Cost Center: 00730 / 5015 / H0067 / B0001 / G105277 / 50975
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$2,966.80
Cost Center: 00730 / 5015 / H0104 / B0001 / G105275 / 50973
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$30,410.60
Cost Center: 00730 / 5015 / H0070 / B0001 / G105074 / 50420
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Chemical Engineering

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$62,341.73
Cost Center: 00730 / 5015 / H0070 / B0001 / G105278 / 50952
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G104945 / 50919
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Physicochemical Factors Governing Protein Inhibition of Calcium Oxalate Monohydrate Crystallization

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$83,629.34
Cost Center: 00730 / 5015 / H0067 / B0001 / G105277 / 50975
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$6,081.94
Cost Center: 00730 / 5015 / H0104 / B0001 / G105275 / 50973
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$108,786.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G105247 / 50857
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantitative mapping of CD8+ T-cell responses during chikungunya vaccination

Investigator: Willson, Richard C. Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G105242 / 50932
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Physical Chemistry of Molecular Recognition

Investigator: Luss, Dan Dr. 40%
Award Amount: \$800.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G102374 / 47943
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/15/2011 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Spatio-Temporal Phenomena During Adsorption and Reaction in Hydrocarbon Traps

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Balakotaiah, Vemuri Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G105227 / 50926
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effect of Heterogeneities on Spatiotemporal Pattern Formation in Chemical Reactors

Investigator: Harold, Michael Dr. 60%
Award Amount: \$1,200.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G102374 / 47943
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/15/2011 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Spatio-Temporal Phenomena During Adsorption and Reaction in Hydrocarbon Traps

Investigator: Stein, Gila Dr. 100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G105218 / 51036
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/21/2012 to 5/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: CAREER: Controlling the Morphology of Polymer/Fullerene Solar Cells

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Conrad, Jacinta Prof. 100%
Award Amount: \$400,021.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G104095 / 50834
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Role of Surface Properties for Motility of Bacteria to Control Biofilms

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G105228 / 50935
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Engineering Chymotrypsin to Selectively Cleave After Phosphotyrosine

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$62,341.73
Cost Center: 00730 / 5015 / H0070 / B0001 / G105074 / 50420
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Willam, Kaspar Dr. 100%
Award Amount: \$50,473.00
Cost Center: 00730 / 5043 / H0068 / B0001 / G103788 / 48806
Agency: UT-Battelle, LLC
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 5/20/2011 to 9/30/2012
CFDA: 81.036 Inventions and Innovations
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Background Study of the Effects of Irradiation and Associated Temperatures on Concrete

Investigator: Strom, Kyle Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5015 / H0068 / B0001 / G103438 / 50856
Agency: Prairie View A&M University
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2014
CFDA: 10.200 Grants for Agricultural Research, Special Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Hydrologic Influences on Soil Organic Carbon Loss Monitoring Using Stable Isotopes

Investigator: Strom, Kyle Dr. 100%
Award Amount: \$1,200.00
Cost Center: 00730 / 5021 / H0068 / B0001 / G104582 / 50517
Agency: Texas EcoLab
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2012 to 12/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Geomorphology of ephemeral streams in the flash-flood prone Texas Hill Country - Phase II

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Shrestha, Ramesh Dr. 100%
Award Amount: \$54,204.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G105198 / 50941
Agency: University of California, Merced
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2012
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Airborne Laser Swath Mapping: Critical Zone Observatory (CZO) Supplement to add an additional 400 km2 to Jemez, NM portion of the CZO project.

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G104021 / 49546
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 8/18/2011 to 8/31/2012
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs) Addressing Low Dissolved Oxygen in Dickinson Bayou

Investigator: Belarbi, Abdeldjelil Dr. 100%
Award Amount: \$16,002.00
Cost Center: 00730 / 5021 / H0068 / B0001 / G101792 / 51007
Agency: University of Nevada - Reno
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 2/1/2012 to 3/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Repair of Earthquake-Damaged Bridge Columns with Fractured Bars

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

Investigator: Kayali, Mohammad Dr. 20%
Award Amount: \$6,000.00
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. 80%
Award Amount: \$24,000.00
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: Ruchhoeft, Paul Dr. 21%
Award Amount: \$31,931.13
Cost Center: 00730 / 5015 / H0070 / B0001 / G105278 / 50952
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Litvinov, Dmitri Dr. 50%
Award Amount: \$2,500.00
Cost Center: 00730 / 5015 / H0070 / B0001 / G103627 / 50865
Agency: UNIVERSITY OF TEXAS AT BROWNSVILLE
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 10/1/2011 to 9/30/2012
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Support of the UT Brownsville undergraduate nanotechnology demonstrations by the UH Nanofabrication Facility

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$42,834.54
Cost Center: 00730 / 5015 / H0067 / B0001 / G105277 / 50975
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$3,115.14
Cost Center: 00730 / 5015 / H0104 / B0001 / G105275 / 50973
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Chen, Ji Dr. 100%
Award Amount: \$56,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G097809 / 44010
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/15/2009 to 1/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Center for Electromagnetic Compatibility Research

Investigator: Bao, Jiming Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0070 / B0001 / G105241 / 50922
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Understanding the Mechanism for Highly Efficient Artificial Photosynthesis of Hydrocarbons from Water and Carbon Dioxide on Cobalt Nanostructures

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: \$85,062.00
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

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

Investigator: Jackson, David R. Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G105200 / 50959
Agency: Sandia National Laboratories
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 4/10/2012 to 9/15/2012
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of multiple electromagnetic sources

Investigator: Chen, Ji Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G105200 / 50959
Agency: Sandia National Laboratories
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 4/10/2012 to 9/15/2012
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of multiple electromagnetic sources

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$31,931.13
Cost Center: 00730 / 5015 / H0070 / B0001 / G105074 / 50420
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Mechanical Engineering**

Investigator: Song, Gangbing Dr. 100%
Award Amount: \$65,105.15
Cost Center: 00730 / 5016 / H0073 / B0001 / G103069 / 51021
Agency: Texas A&M Engineering Experiment Station
Pass_Thru Agency: Qatar National Research Fund
Agency Type: FOUNDATION
Duration: 1/15/2012 to 1/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Hands-on Experiment via Internet - To Develop a Unified Remote Laboratory Framework for Cross Nation Engineering Education

Investigator: Sharma, Pradeep Dr. 100%
Award Amount: \$211,948.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G104445 / 50907
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2012 to 7/31/2015
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Fundamental Research in Quantum Field Induced Strain in Nanostructures

Investigator: Song, Gangbing Dr. 100%
Award Amount: \$60,744.49
Cost Center: 00730 / 5016 / H0073 / B0001 / G105314 / 51009
Agency: Texas A&M Engineering Experiment Station
Pass_Thru Agency: Qatar National Research Fund
Agency Type: FOUNDATION
Duration: 1/15/2012 to 1/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Hands-on Experiment via Internet - To Develop a Unified Remote Laboratory Framework for Cross Nation Engineering Education-Inside Qatar

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

CULLEN COLLEGE OF ENGINEERING

Texas Hurricane Center for Innovative Technology

Investigator: Vipulanandan, Cumaraswamy D.20%
Award Amount: \$16,000.00
Cost Center: 00730 / 5022 / H0069 / B0001 / G105268 / 50958
Agency: Chevron Energy Technology Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/17/2012 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Oil Pipeline Decommissioning Functional Requirements: Fast Intervention Tools and Grout Research

Investigator: Vipulanandan, Cumaraswamy D.20%
Award Amount: \$13,000.00
Cost Center: 00730 / 5022 / H0069 / B0001 / G104828 / 50978
Agency: Advanced Drainage System
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/15/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Characterizing and Testing of High Performance Polypropylene Pipes

DIVISION OF RESEARCH

Center for Neuromotor & Biomechanics Research

Investigator: Paloski, William Dr. 100%
Award Amount: \$151,819.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102912 / 50868
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2012 to 1/31/2013
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Modulation of Muscle Function by Lower Limb Loading During Space Flight

UNIVERSITY OF HOUSTON
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New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**TcSUH**

Investigator: Weinstein, Roy Dr. 30%
Award Amount: \$1,000,622.10
Cost Center: 00730 / 5022 / H0112 / B0001 / G105297 / 50976
Agency: National Oilwell Varco, L.P.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/25/2012 to 4/25/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of improved motors, magnetic gears, and superconducting materials

Investigator: Sawh, Ravi-Persad Mr. 20%
Award Amount: \$667,081.40
Cost Center: 00730 / 5022 / H0112 / B0001 / G105297 / 50976
Agency: National Oilwell Varco, L.P.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/25/2012 to 4/25/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of improved motors, magnetic gears, and superconducting materials

Investigator: Ting, Chin-Sen Dr. 50%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G104935 / 50956
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Superconductivity in Fe-Pnictides and Strongly Correlated Electron Systems

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

Investigator: Branum-Martin, Lee Dr. 10%
Award Amount: \$8,954.90
Cost Center: 00730 / 5013 / H0288 / B0001 / G103892 / 51005
Agency: Lehigh University
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 84.324 Special Education Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reading Achievement Multi-Component Program (RAMP-UP)

Investigator: Lindner, Peggy Dr. 5%
Award Amount: \$500.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G104957 / 50622
Agency: Texas Medical Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/15/2012 to 9/15/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Unobtrusive and Sustained Quantification of Pain

Investigator: Pavlidis, Ioannis Dr. 45%
Award Amount: \$4,500.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G104957 / 50622
Agency: Texas Medical Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/15/2012 to 9/15/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Unobtrusive and Sustained Quantification of Pain

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

Investigator: Kouri, Donald J. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G105233 / 50923
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2012 to 5/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Supersymmetric Quantum Mechanics: Accurate Excited State Energies and Wave Functions

TIMES

Investigator: Branum-Martin, Lee Dr. 70%
Award Amount: \$62,684.30
Cost Center: 00730 / 5013 / H0288 / B0001 / G103892 / 51005
Agency: Lehigh University
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 84.324 Special Education Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reading Achievement Multi-Component Program (RAMP-UP)

GRADUATE COLLEGE OF SOCIAL WORK**Center for Health Equities & Evaluation Research**

Investigator: Jones, Lovell Dr. 100%
Award Amount: \$150,000.00
Cost Center: 00730 / 5013 / H0662 / B0001 / G105215 / 50851
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 4/1/2012 to 8/1/2012
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: STUDENT MENTORING THROUGH REGIONAL SCIENTIFIC SYMPOSIA

UNIVERSITY OF HOUSTON
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GRADUATE COLLEGE OF SOCIAL WORK

Child & Family for Innovative Research

Investigator: Steinberg, Catherine Dr. 100%
Award Amount: \$56,704.00
Cost Center: 00730 / 5019 / H0509 / B0001 / G104923 / 50852
Agency: Fort Bend County
Pass_Thru Agency:
Agency Type: LOCAL
Duration: 4/23/2012 to 11/15/2013
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Fort Bend Mental Health Public Defender-Program Evaluation

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

Learning and Assessment Services

Investigator: Grindon, Angelina C. Ms. 100%
Award Amount: \$4,767.00
Cost Center: 00730 / 5016 / H0219 / C0001 / G103821 / 49480
Agency: Texas Department of State Health Services
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2012
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Families CAN: A Parent Case Management Model

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$2,526.24
Cost Center: 00730 / 5014 / H0441 / C0001 / C104229 / 49776
Agency: Texas Education Agency
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2012
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: National School Lunch Program FY 12

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UH LAW CENTER

Law-UH

Investigator: Evans, Barbara Dr. 100%
Award Amount: \$16,565.00
Cost Center: 00730 / 5013 / H0099 / B0001 / G103255 / 50974
Agency: University of Washington
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 12/5/2011 to 11/30/2012
CFDA: 93.172 Human Genome Research
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Clinical sequencing in cancer: Clinical, ethical, and technological studies

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$4,704,988.71
State Funding: \$7,293.24
Local Funding: \$56,704.00
Profit Funding: \$3,785,107.00
Non Profit Funding: \$222,314.75
Foundation Funding: \$1,445,849.64
University Funding: \$16,002.00
Total: **\$10,238,259.34**