

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2011 - Received during JULY

COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Dempsey, Allison Dr. 100%
Award Amount: \$17,500.00
Cost Center: 00730 / 5021 / H0064 / B0001 / G103096 / 49104
Agency: Hogg Foundation for Mental Health
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/30/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Behavioral Health Delivery to Children Born Preterm and their Families in a Comprehensive Care Setting

Investigator: Dao, Tam Dr. 100%
Award Amount: \$17,500.00
Cost Center: 00730 / 5021 / H0064 / B0001 / G103094 / 48896
Agency: Hogg Foundation for Mental Health
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/22/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Predictors of Mental Health Utilization Rates and Treatment Outcomes in Different Asian Ethnic Populations

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

Investigator: Priest, Tyler Dr. 100%
Award Amount: \$31,889.00
Cost Center: 00730 / 5013 / H0089 / C0001 / G093829 / 39755
Agency: U.S. Department of the Interior - Bureau of Ocean Energy Management, Regulation and Enforcement
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/20/2006 to 1/31/2012
CFDA: 15.423 Minerals Management (MMS) Environmental Studies Program (ESP)
CB Designation: Non Research
Project Type: Co-Op Agreement - Public Service
Project Title: Gulf Coast Communities and the Fabrication and Shipbuilding Industry: A Comparative Community Study Proposal Dated July 24, 2006

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Political Science**

Investigator: Clark, Jennifer Dr. 100%
Award Amount: \$3,250.00
Cost Center: 00730 / 5021 / H0124 / B0001 / G103571 / 49088
Agency: The Everett McKinley Dirksen Congressional Leadership Research Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: The Difference Women Make: How Gender Shapes Agenda-Setting and Policy Success in the Contemporary Congress

Psychology

Investigator: Massman, Paul Dr. 100%
Award Amount: \$4,040.00
Cost Center: 00730 / 5016 / H0125 / B0001 / G103729 / 48655
Agency: University of Texas Health Science Center at Houston
Pass_Thru Agency:
Agency Type: STATE
Duration: 5/16/2011 to 8/19/2011
CFDA:
CB Designation: Non Restricted Research
Project Type: Contract - Research
Project Title: Clinical Neuropsychology Training-UTHSCH Barnes

Investigator: Grills-Taqueche, Amie Dr. 100%
Award Amount: \$123,843.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G098135 / 44887
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2009 to 6/30/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Child Anxiety and Response to Intervention for Learning Disabilities

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

Investigator: Yoshida, Hanako Dr. 100%
Award Amount: \$13,164.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G097365 / 43597
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2008 to 11/30/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Basic Mechanisms of Language's Effect on Attention and Learning

Investigator: Sharp, Carla Dr. 100%
Award Amount: \$24,902.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G100871 / 46382
Agency: National Institute of Mental Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2010 to 12/31/2011
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Emotional-behavior disorders in South African children affected by AIDS

Sociology

Investigator: Cepeda, Alice Dr. 20%
Award Amount: \$110,257.00
Cost Center: 00730 / 5013 / H0508 / B0001 / G097938 / 43848
Agency: National Institute on Drug Abuse
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2008 to 8/31/2011
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: At Risk Hispanic Gangs: Long Term Consequences for HIV, Hepatitis and STI

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Biology of Behavior Institute**

Investigator: Roman, Gregg Dr. 45%
Award Amount: \$3,375.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G100354 / 46571
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/24/2010 to 4/30/2012
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Anxiety Models in Drosophila

Investigator: Roman, Gregg Dr. 45%
Award Amount: \$121,122.45
Cost Center: 00730 / 5013 / H0104 / B0001 / G102906 / 49082
Agency: Defense Advanced Research Projects Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/23/2011 to 6/22/2012
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Critical Examination: Transduction of Molecular Vibrations by Drosophila Odorant Receptors

Biology/Biochemistry

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$28,537.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G102351 / 47283
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Suhuvey Lopez - FY 2011

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Biology/Biochemistry**

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$78,166.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G100695 / 45824
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 11/1/2009 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Dr. Yiu Liu

Investigator: Roman, Gregg Dr. 55%
Award Amount: \$4,125.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G100354 / 46571
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/24/2010 to 4/30/2012
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Anxiety Models in Drosophila

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$12,047.20
Cost Center: 00730 / 5016 / H0070 / B0001 / G103579 / 48456
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$13,745.84
Cost Center: 00730 / 5013 / H0067 / B0001 / G103734 / 48888
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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: Schwartz, Robert Dr. 100%
Award Amount: \$63,531.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G100746 / 45825
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 11/30/2009 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Wei Yu

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$89,863.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G103346 / 48243
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Dr. Robert Schwartz

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Biology/Biochemistry**

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$50,429.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G103274 / 48189
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/9/2011 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary reimbursement agreement for Mani Chopra

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$50,338.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G102355 / 47284
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Brenda Johnson - FY 2011

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$1,192.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G103724 / 48889
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Biology/Biochemistry**

Investigator: Roman, Gregg Dr. 55%
Award Amount: \$148,038.55
Cost Center: 00730 / 5013 / H0104 / B0001 / G102906 / 49082
Agency: Defense Advanced Research Projects Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/23/2011 to 6/22/2012
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Critical Examination: Transduction of Molecular Vibrations by Drosophila Odorant Receptors

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$76,072.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G100694 / 45823
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 11/30/2009 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Tsuey Ming Chen

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$84,210.00
Cost Center: 00730 / 5016 / H0104 / B0001 / G102000 / 49125
Agency: Baylor College of Medicine
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2010 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: DNA methyltransferase 3B in normal and malignant hematopoiesis

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New/Continuation Sponsored Research Grants and Contracts

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

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$13,815.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G102491 / 47749
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Dr. Kevin MacKenzie - FY2011

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$76,899.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G100696 / 45822
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 12/1/2009 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Dr. David Stewart

Center for Nuclear Receptors and Cell Signaling

Investigator: Frigo, Daniel Dr. 100%
Award Amount: \$138,829.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G102356 / 47354
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/10/2010 to 6/30/2012
CFDA: 93.847 Diabetes, Endocrinology and Metabolism Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Nonclassical signaling of the androgen receptor polyproline domain

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Center for Nuclear Receptors and Cell Signaling

Investigator: Andersson, Stefan Dr. 100%
Award Amount: \$13,500.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G101003 / 46578
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2010 to 2/29/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Stromal-epithelial Interactions Regulate Cervical Function During Pregnancy

Chemistry

Investigator: Halasyamani, Shiv Dr. 100%
Award Amount: \$339,016.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G100502 / 47322
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2010 to 8/31/2012
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Controlling Magnetic and Ferroelectric Order Through Geometry: Synthesis, Ab Initio Theory, and Characterization of New Multi-Ferroic Fluoride Materials

Investigator: Pettitt, B. Montgomery Dr. 50%
Award Amount: \$111,755.50
Cost Center: 00730 / 5013 / H0103 / B0001 / G096167 / 42393
Agency: National Institute of General Medical Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2008 to 6/30/2012
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: DNA Melting in Solution

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Shah, Shishir Dr. 25%
Award Amount: \$46,210.00
Cost Center: 00730 / 5022 / H0246 / B0001 / G103484 / 49089
Agency: BP America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/26/2011 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Towards Automating Improvements in Sub-Salt Interpretation

Investigator: Kakadiaris, Ioannis Dr. 25%
Award Amount: \$46,210.00
Cost Center: 00730 / 5022 / H0246 / B0001 / G103484 / 49089
Agency: BP America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/26/2011 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Towards Automating Improvements in Sub-Salt Interpretation

Investigator: Fofanov, Yuriy Dr. 50%
Award Amount: \$6,500.00
Cost Center: 00730 / 5022 / H0546 / B0001 / G103813 / 49090
Agency: GLOBAL VIRAL FORECASTING INC,
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/12/2011 to 7/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: MC-1 Sample Sequencing and Analysis

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

Investigator: Zouridakis, George Dr. 100%
Award Amount: \$183.93
Cost Center: 00730 / 1033 / H0108 / B0016 / G086459 / 28361
Agency: Texas Higher Education Coordinating Board - ARP
Pass_Thru Agency:
Agency Type: STATE
Duration: 1/1/2000 to 5/31/2003
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Motion Estimation and Control Algorithms for Robotically-Assisted Surgery

Geosciences

Investigator: Li, Liming Dr. 50%
Award Amount: \$34,549.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G097325 / 44037
Agency: NASA - National Aeronautics and Space Administration - Stennis Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/4/2009 to 2/3/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Equatorial Region of Saturn: A Multi-Instrument Study

Investigator: Li, Liming Dr. 50%
Award Amount: \$52,058.00
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Geosciences**

Investigator: Talbot, Robert Dr. 50%
Award Amount: \$12,500.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G102854 / 49081
Agency: University of New Hampshire
Pass_Thru Agency: U.S. Department of Commerce
Agency Type: FEDERAL
Duration: 4/1/2011 to 9/30/2011
CFDA: 11.459 Weather and Air Quality Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: AIRMAP FY09

Investigator: Lapen, Thomas Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G097228 / 43886
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/14/2008 to 3/1/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Test of Hf Isotope Heterogeneity in the Early Solar System.

Institute for Multidimensional Air Quality Studies

Investigator: Li, Liming Dr. 50%
Award Amount: \$52,058.00
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Institute for Multidimensional Air Quality Studies**

Investigator: Talbot, Robert Dr. 50%
Award Amount: \$12,500.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G102854 / 49081
Agency: University of New Hampshire
Pass_Thru Agency: U.S. Department of Commerce
Agency Type: FEDERAL
Duration: 4/1/2011 to 9/30/2011
CFDA: 11.459 Weather and Air Quality Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: AIRMAP FY09

Investigator: Li, Liming Dr. 50%
Award Amount: \$34,549.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G097325 / 44037
Agency: NASA - National Aeronautics and Space Administration - Stennis Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/4/2009 to 2/3/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Equatorial Region of Saturn: A Multi-Instrument Study

Mathematics

Investigator: Hoppe, Ronald Dr. 100%
Award Amount: \$149,925.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102996 / 49126
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Reduced Order Model Approaches for Time Dependent Nonlinear PDE Constrained Optimization

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Quaini, Annalisa Dr. 50%
Award Amount: \$131,789.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102787 / 49139
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/15/2011 to 6/30/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Coanda Effect for Incompressible Flows in Moving Domains

Investigator: Nicol, Matthew Dr. 100%
Award Amount: \$100,623.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102474 / 49107
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2011 to 7/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Statistical properties of dynamical systems: large deviations, extremes, return time statistics and dynamical Borel-Cantelli lemmas.

Investigator: Canic, Suncica Dr. 50%
Award Amount: \$131,789.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102787 / 49139
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/15/2011 to 6/30/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Coanda Effect for Incompressible Flows in Moving Domains

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Mathematics**

Investigator: Josic, Kresimir Dr. 100%
Award Amount: \$32,425.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G103552 / 49248
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 5/1/2011 to 4/30/2012
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: TCN Training Program: Support of Predoctoral Fellow Rebecca Chen

Physics

Investigator: Chu, Ching-Wu Dr. 50%
Award Amount: \$250,000.00
Cost Center: 00730 / 5013 / H0452 / B0001 / G100317 / 45245
Agency: U.S. Air Force Office of Scientific Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2009 to 9/14/2012
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Search for and Study of Novel Superconductor with Higher Tc and Jc

Investigator: Pinsky, Lawrence S. Dr. 100%
Award Amount: \$11,606.00
Cost Center: 00730 / 5043 / H0246 / B0001 / G104030 / 49213
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 1/17/2011 to 9/25/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix Flight Demonstration Project Wyle Contract

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$61,250.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G103127 / 48036
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 1/17/2011 to 9/25/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix Flight Demonstration Project Wyle Contract

Investigator: Chu, Ching-Wu Dr. 50%
Award Amount: \$5,000.00
Cost Center: 00730 / 5013 / H0452 / B0001 / G099751 / 45542
Agency: Oak Ridge National Laboratory
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/2/2009 to 7/31/2011
CFDA: 81.036 Inventions and Innovations
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: The Search for Novel Superconductors with Significantly Higher Tc in Strongly Correlated Electron Systems with Layered Structures

Investigator: Hungerford, Ed V. Dr. 100%
Award Amount: \$188,815.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G100432 / 47318
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2010 to 9/30/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: A Depleted Argon Detector for a Dark Matter Search

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF OPTOMETRY****Optometry, Community****Investigator:** Bergmanson, Jan P. G. Dr. 100%**Award Amount:** \$40,000.00**Cost Center:** 00730 / 5022 / H0114 / B0001 / G099822 / 45027**Agency:** Cooper Vision, Inc.**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 8/3/2009 to 8/31/2012**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Clinical Evaluation of Silicone Hydrogel (SiHy) Contact Lenses CV-09-23

Investigator: Twa, Michael Dr. 100%**Award Amount:** \$10,000.00**Cost Center:** 00730 / 5021 / H0114 / B0001 / G103659 / 49075**Agency:** Lions Foundation for Sight**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2011 to 5/31/2012**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Biomechanical Properties of the Cornea in Lamellar Keratoplasty

Investigator: Bergmanson, Jan P. G. Dr. 100%**Award Amount:** \$16,093.96**Cost Center:** 00730 / 5022 / H0114 / B0001 / G103862 / 49203**Agency:** Bausch and Lomb Company**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 3/24/2011 to 3/31/2012**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Protocol #690: A Study to Evaluate the Safety and Efficacy of a Novel Contact Lens for Daily disposable Use

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****COLLEGE OF OPTOMETRY****Optometry, Community**

Investigator: McDermott, Alison Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0114 / B0001 / G103826 / 49200
Agency: Lions Foundation for Sight
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Rose Reins-The effect of vitamin D on human corneas stored in optisol

Investigator: Smith III, Earl L. Dr. 100%
Award Amount: \$105,030.00
Cost Center: 00730 / 5021 / H0114 / B0001 / G090297 / 35093
Agency: Brien Holden Vision Institute
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2004 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: Optical Intervention

COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Sansgiry, Sujit Dr. 100%
Award Amount: \$13,600.00
Cost Center: 00730 / 5021 / H0118 / B0001 / G103505 / 49204
Agency: St. Luke's Episcopal Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 3/31/2011 to 3/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Randomized Controlled Study to Identify Workflow Factors

COLLEGE OF PHARMACY**Institute for Drug Education and Research**

Investigator: Chow, Diana S. L. Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G103907 / 49102
Agency: Christopher and Dana Reeve Foundation
Pass_Thru Agency: U.S. Department of Defense
Agency Type: FEDERAL
Duration: 6/1/2011 to 5/31/2012
CFDA: 93.853 Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Pharmacokinetics and Pharmacodynamic Evaluations of Riluzole in 36 Acute Spinal Cord Injured (ASCI) Patients

Pharmacological and Pharmaceutical Sciences

Investigator: Tejada-Simon, Maria Dr. 100%
Award Amount: \$2,500.00
Cost Center: 00730 / 5021 / H0117 / B0001 / G103967 / 49124
Agency: National Fragile X Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: FMRP regulation of the central mevalonate pathway in a Fragile X mouse model

Investigator: Chow, Diana S. L. Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G103907 / 49102
Agency: Christopher and Dana Reeve Foundation
Pass_Thru Agency: U.S. Department of Defense
Agency Type: FEDERAL
Duration: 6/1/2011 to 5/31/2012
CFDA: 93.853 Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Pharmacokinetics and Pharmacodynamic Evaluations of Riluzole in 36 Acute Spinal Cord Injured (ASCI) Patients

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2011 - Received during JULY

COLLEGE OF PHARMACY**Pharmacological and Pharmaceutical Sciences**

Investigator: Tejada-Simon, Maria Dr. 100%
Award Amount: \$86,423.00
Cost Center: 00730 / 5021 / H0117 / B0001 / G103169 / 48891
Agency: FRAXA Research Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 8/1/2011 to 7/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Small Rho GTPases, a potential therapeutic target for Fragile X syndrome

COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Zouridakis, George Dr. 25%
Award Amount: \$40,500.00
Cost Center: 00730 / 5013 / H0246 / B0001 / G100631 / 46756
Agency: National Institute of Arthritis and Musculoskeletal and Skin Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2010 to 6/30/2012
CFDA: 93.846 Arthritis, Musculoskeletal and Skin Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of New Imaging Tools for the Early Detection of Buruli Ulcer Disease

Investigator: Queen, Courtney Dr. 25%
Award Amount: \$40,500.00
Cost Center: 00730 / 5013 / H0246 / B0001 / G100631 / 46756
Agency: National Institute of Arthritis and Musculoskeletal and Skin Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2010 to 6/30/2012
CFDA: 93.846 Arthritis, Musculoskeletal and Skin Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of New Imaging Tools for the Early Detection of Buruli Ulcer Disease

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Center for Innovative Grouting Materials and Tech****Investigator:** Vipulanandan, Cumaraswamy D:80%**Award Amount:** \$39,999.98**Cost Center:** 00730 / 5016 / H0069 / B0001 / G103802 / 48871**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 6/14/2011 to 8/31/2012**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Locate and evaluate the fluid leakage, seepage, and erosion problems on TxDOT facilities and recommend repair methods.

Investigator: Vipulanandan, Cumaraswamy D:100%**Award Amount:** \$3,000.00**Cost Center:** 00730 / 5022 / H0069 / B0100 / G097310 / 42739**Agency:** Various Private Profit Agencies**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 1/1/2008 to 8/31/2031**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** Center for Innovative Grouting Materials and Technology

Center for Integrated Bio and Nano Systems**Investigator:** Willson, Richard C. Dr. 10%**Award Amount:** \$17,182.30**Cost Center:** 00730 / 5013 / H0067 / B0001 / G103734 / 48888**Agency:** University of Texas Medical Branch at Galveston**Pass_Thru Agency:** National Institute of Allergy and Infectious Diseases**Agency Type:** FEDERAL**Duration:** 3/1/2011 to 2/29/2012**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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Center for Integrated Bio and Nano Systems**

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$34,364.60
Cost Center: 00730 / 5013 / H0067 / B0001 / G103734 / 48888
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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: \$2,980.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G103724 / 48889
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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: \$1,490.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G103724 / 48889
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Center for Integrated Bio and Nano Systems**

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$15,059.00
Cost Center: 00730 / 5016 / H0070 / B0001 / G103579 / 48456
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
CFDA:
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: \$30,118.00
Cost Center: 00730 / 5016 / H0070 / B0001 / G103579 / 48456
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 30%
Award Amount: \$29,267.10
Cost Center: 00730 / 5013 / H0070 / B0001 / G098736 / 45097
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2009 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Single-biomolecule Detector Array Based on Nanomagnetically Stabilized Magnetoresistive Sensors

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

Investigator: Litvinov, Dmitri Dr. 20%
Award Amount: \$19,511.40
Cost Center: 00730 / 5013 / H0070 / B0001 / G098736 / 45097
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2009 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Single-biomolecule Detector Array Based on Nanomagnetically Stabilized Magnetoresistive Sensors

Chemical Engineering

Investigator: Krishnamoorti, Ramanan Dr. 50%
Award Amount: \$55,037.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G103865 / 49110
Agency: Total
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/15/2011 to 6/14/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of PS/Nanomaterial Composites for the Reduction of Styrene Residual in PS

Investigator: Khabashesku, Valery Dr. 50%
Award Amount: \$55,037.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G103865 / 49110
Agency: Total
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/15/2011 to 6/14/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of PS/Nanomaterial Composites for the Reduction of Styrene Residual in PS

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Chemical Engineering****Investigator:** Flumerfelt, Raymond W. Dr. 25%**Award Amount:** \$500,000.00**Cost Center:** 00730 / 5013 / H0503 / B0001 / G100263 / 46340**Agency:** U.S. Department of Energy**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 11/1/2009 to 11/30/2011**CFDA:** 81.087 Renewable Energy Research and Development**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Establishment of a National Wind Energy Center (NWECC)

Investigator: Doxastakis, Emmanouil Dr. 100%**Award Amount:** \$92,595.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G102372 / 49117**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2011 to 8/31/2013**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Protein association in a multicomponent lipid environment

Investigator: Willson, Richard C. Dr. 41%**Award Amount:** \$70,447.43**Cost Center:** 00730 / 5013 / H0067 / B0001 / G103734 / 48888**Agency:** University of Texas Medical Branch at Galveston**Pass_Thru Agency:** National Institute of Allergy and Infectious Diseases**Agency Type:** FEDERAL**Duration:** 3/1/2011 to 2/29/2012**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

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$6,109.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G103724 / 48889
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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. 41%
Award Amount: \$61,741.90
Cost Center: 00730 / 5016 / H0070 / B0001 / G103579 / 48456
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 20%
Award Amount: \$19,511.40
Cost Center: 00730 / 5013 / H0070 / B0001 / G098736 / 45097
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2009 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Single-biomolecule Detector Array Based on Nanomagnetically Stabilized Magnetoresistive Sensors

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

Investigator: Harold, Michael Dr. 33%
Award Amount: \$23,100.00
Cost Center: 00730 / 5019 / H0067 / B0001 / G103481 / 48870
Agency: Metropolitan Transit Authority
Pass_Thru Agency:
Agency Type: LOCAL
Duration: 6/10/2011 to 6/9/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Fuel Consumption Testing for METRO

Investigator: Rooks, Charles Dr. 33%
Award Amount: \$23,100.00
Cost Center: 00730 / 5019 / H0067 / B0001 / G103481 / 48870
Agency: Metropolitan Transit Authority
Pass_Thru Agency:
Agency Type: LOCAL
Duration: 6/10/2011 to 6/9/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Fuel Consumption Testing for METRO

Investigator: Muncrief, Rachel Dr. 34%
Award Amount: \$23,800.00
Cost Center: 00730 / 5019 / H0067 / B0001 / G103481 / 48870
Agency: Metropolitan Transit Authority
Pass_Thru Agency:
Agency Type: LOCAL
Duration: 6/10/2011 to 6/9/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Fuel Consumption Testing for METRO

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Shrestha, Ramesh Dr. 60%
Award Amount: \$384,575.40
Cost Center: 00730 / 5013 / H0068 / B0001 / G101750 / 46656
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2010 to 7/31/2013
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Transfer of the NCALM Facilities, Its Resources and the Funds from University of Florida to University of Houston

Investigator: Carter, William Dr. 30%
Award Amount: \$192,287.70
Cost Center: 00730 / 5013 / H0068 / B0001 / G101750 / 46656
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2010 to 7/31/2013
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Transfer of the NCALM Facilities, Its Resources and the Funds from University of Florida to University of Houston

Investigator: Glennie, Craig Dr. 10%
Award Amount: \$64,095.90
Cost Center: 00730 / 5013 / H0068 / B0001 / G101750 / 46656
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2010 to 7/31/2013
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Transfer of the NCALM Facilities, Its Resources and the Funds from University of Florida to University of Houston

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Shrestha, Ramesh Dr. 100%
Award Amount: \$65,000.00
Cost Center: 00730 / 5021 / H0068 / B0001 / G101494 / 49108
Agency: University of New Mexico
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 4/1/2010 to 3/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Airborne Laser Swath Mapping: Belize

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$22,320.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G103180 / 48405
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 2/1/2011 to 8/31/2011
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Continuation of Allocations of Indicator Bacteria in Dickinson Bayou Tidal

Electrical & Computer Engineering

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$36,082.83
Cost Center: 00730 / 5013 / H0067 / B0001 / G103734 / 48888
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

Investigator: Chen, Ji Dr. 80%
Award Amount: \$48,000.00
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: Kayali, Mohammad Dr. 20%
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: Ruchhoeft, Paul Dr. 21%
Award Amount: \$3,129.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G103724 / 48889
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
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

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$31,623.90
Cost Center: 00730 / 5016 / H0070 / B0001 / G103579 / 48456
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Shih, Wei-Chuan Dr. 50%
Award Amount: \$10,001.50
Cost Center: 00730 / 5022 / H0070 / B0001 / G103412 / 48872
Agency: Entroplus, LLC
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Studies of Surface Plasmon Resonance on Nanostructured Substrates

Investigator: Wolfe, John C. Dr. 50%
Award Amount: \$10,001.50
Cost Center: 00730 / 5022 / H0070 / B0001 / G103412 / 48872
Agency: Entroplus, LLC
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 3/1/2011 to 2/29/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Studies of Surface Plasmon Resonance on Nanostructured Substrates

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2011 - Received during JULY

CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Litvinov, Dmitri Dr. 30%
Award Amount: \$29,267.10
Cost Center: 00730 / 5013 / H0070 / B0001 / G098736 / 45097
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2009 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Single-biomolecule Detector Array Based on Nanomagnetically Stabilized Magnetoresistive Sensors

Mechanical Engineering

Investigator: Wang, Su Su Dr. 25%
Award Amount: \$500,000.00
Cost Center: 00730 / 5013 / H0503 / B0001 / G100263 / 46340
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2009 to 11/30/2011
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Establishment of a National Wind Energy Center (NWECC)

National Wind Energy Center

Investigator: Wang, Su Su Dr. 25%
Award Amount: \$500,000.00
Cost Center: 00730 / 5013 / H0503 / B0001 / G100263 / 46340
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2009 to 11/30/2011
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Establishment of a National Wind Energy Center (NWECC)

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2011 - Received during JULY

CULLEN COLLEGE OF ENGINEERING

National Wind Energy Center

Investigator: Flumerfelt, Raymond W. Dr. 25%
Award Amount: \$500,000.00
Cost Center: 00730 / 5013 / H0503 / B0001 / G100263 / 46340
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2009 to 11/30/2011
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Establishment of a National Wind Energy Center (NWECC)

Texas Hurricane Center for Innovative Technology

Investigator: Vipulanandan, Cumaraswamy D20%
Award Amount: \$10,000.00
Cost Center: 00730 / 5016 / H0069 / B0001 / G103802 / 48871
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 6/14/2011 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Locate and evaluate the fluid leakage, seepage, and erosion problems on TxDOT facilities and recommend repair methods.

DIVISION OF RESEARCH

Center for Biomedical & Environmental Genomics

Investigator: Fofanov, Yuriy Dr. 50%
Award Amount: \$6,500.00
Cost Center: 00730 / 5022 / H0546 / B0001 / G103813 / 49090
Agency: GLOBAL VIRAL FORECASTING INC,
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/12/2011 to 7/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: MC-1 Sample Sequencing and Analysis

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during JULY****DIVISION OF RESEARCH****Institute for Molecular Design****Investigator:** Pettitt, B. Montgomery Dr. 45%**Award Amount:** \$100,579.95**Cost Center:** 00730 / 5013 / H0103 / B0001 / G096167 / 42393**Agency:** National Institute of General Medical Sciences**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 4/1/2008 to 6/30/2012**CFDA:** 93.859 Pharmacology, Physiology, and Biological Chemistry Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** DNA Melting in Solution

Institute for Space Systems Operations**Investigator:** Pinsky, Lawrence S. Dr. 25%**Award Amount:** \$30,625.00**Cost Center:** 00730 / 5043 / H0112 / B0001 / G103127 / 48036**Agency:** WYLE Laboratories**Pass_Thru Agency:** NASA - National Aeronautics and Space Administration - Marshall Space Flight Center**Agency Type:** FEDERAL**Duration:** 1/17/2011 to 9/25/2011**CFDA:** 43.001 Aerospace Education Services Program**CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Medipix Flight Demonstration Project Wyle Contract

TcSUH**Investigator:** Chu, Ching-Wu Dr. 50%**Award Amount:** \$250,000.00**Cost Center:** 00730 / 5013 / H0452 / B0001 / G100317 / 45245**Agency:** U.S. Air Force Office of Scientific Research**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/15/2009 to 9/14/2012**CFDA:** 12.800 Air Force Defense Research Sciences Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Search for and Study of Novel Superconductor with Higher Tc and Jc

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

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DIVISION OF RESEARCH

TcSUH

Investigator: Chu, Ching-Wu Dr. 50%
Award Amount: \$5,000.00
Cost Center: 00730 / 5013 / H0452 / B0001 / G099751 / 45542
Agency: Oak Ridge National Laboratory
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/2/2009 to 7/31/2011
CFDA: 81.036 Inventions and Innovations
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: The Search for Novel Superconductors with Significantly Higher Tc in Strongly Correlated Electron Systems with Layered Structures

Texas Learning/Computation Center

Investigator: Shah, Shishir Dr. 25%
Award Amount: \$46,210.00
Cost Center: 00730 / 5022 / H0246 / B0001 / G103484 / 49089
Agency: BP America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/26/2011 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Towards Automating Improvements in Sub-Salt Interpretation

Investigator: Kakadiaris, Ioannis Dr. 25%
Award Amount: \$46,210.00
Cost Center: 00730 / 5022 / H0246 / B0001 / G103484 / 49089
Agency: BP America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/26/2011 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Towards Automating Improvements in Sub-Salt Interpretation

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New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**Texas Learning/Computation Center**

Investigator: Zouridakis, George Dr. 50%
Award Amount: \$81,000.00
Cost Center: 00730 / 5013 / H0246 / B0001 / G100631 / 46756
Agency: National Institute of Arthritis and Musculoskeletal and Skin Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2010 to 6/30/2012
CFDA: 93.846 Arthritis, Musculoskeletal and Skin Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of New Imaging Tools for the Early Detection of Buruli Ulcer Disease

Investigator: Pinsky, Lawrence S. Dr. 25%
Award Amount: \$30,625.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G103127 / 48036
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 1/17/2011 to 9/25/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix Flight Demonstration Project Wyle Contract

Investigator: Pettitt, B. Montgomery Dr. 5%
Award Amount: \$11,175.55
Cost Center: 00730 / 5013 / H0103 / B0001 / G096167 / 42393
Agency: National Institute of General Medical Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2008 to 6/30/2012
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: DNA Melting in Solution

UNIVERSITY OF HOUSTON
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GRADUATE COLLEGE OF SOCIAL WORK

Child & Family for Innovative Research

Investigator: Cheung, Monit Dr. 100%
Award Amount: \$948,521.00
Cost Center: 00730 / 5044 / H0509 / A0001 / G103745 / 49152
Agency: Texas Department of Family and Protective Services
Pass_Thru Agency: Department of Health and Human Services, Office of Community Services
Agency Type: FEDERAL
Duration: 7/1/2011 to 6/30/2012
CFDA: 93.658 Foster Care
CB Designation: Non Research
Project Type: Contract - Instruction
Project Title: Child Welfare Education Project (CWEP)-New Contract Number 530-09-0214-00001

Drug and Social Policy Research

Investigator: Valdez, Avelardo Dr. 80%
Award Amount: \$441,028.00
Cost Center: 00730 / 5013 / H0508 / B0001 / G097938 / 43848
Agency: National Institute on Drug Abuse
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2008 to 8/31/2011
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: At Risk Hispanic Gangs: Long Term Consequences for HIV, Hepatitis and STI

UNIVERSITY OF HOUSTON

Division of Research

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SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$24,021.00
Cost Center: 00730 / 5034 / H0441 / C0001 / G103773 / 49113
Agency: Texas Education Agency
Pass_Thru Agency: USE DED100; U.S. Department of Education
Agency Type: FEDERAL
Duration: 8/10/2010 to 9/30/2012
CFDA: 84.410 Education Jobs Fund
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: ARRA - Education Job Fund

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$7,719,572.00
State Funding: \$138,433.91
Local Funding: \$70,000.00
Profit Funding: \$447,010.96
Non Profit Funding: \$544,500.00
Foundation Funding: \$143,923.00
University Funding: \$170,030.00
Total: **\$9,233,469.87**