

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during MAY****C.T. BAUER COLLEGE OF BUSINESS****Small Business Development Center**

Investigator: Young, Frederick Dr. 100%
Award Amount: \$1,051,952.00
Cost Center: 00730 / 5013 / H0053 / C0001 / G102189 / 47572
Agency: U.S. Small Business Administration
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2010 to 9/30/2011
CFDA: 59.037 Small Business Development Center
CB Designation: Non Research
Project Type: Co-Op Agreement - Public Service
Project Title: Small Business Development Center

Investigator: Young, Frederick Dr. 100%
Award Amount: \$939,386.00
Cost Center: 00730 / 5013 / H0053 / C0001 / G103031 / 48455
Agency: U.S. Small Business Administration
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/1/2011 to 2/28/2013
CFDA: 59.037 Small Business Development Center
CB Designation: Non Research
Project Type: Co-Op Agreement - Public Service
Project Title: Small Business Jobs Act Program

COLLEGE OF EDUCATION**Curriculum and Instruction**

Investigator: Dominey, Wallace Dr. 100%
Award Amount: \$229,999.00
Cost Center: 00730 / 5018 / H0062 / C0001 / G103415 / 48275
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Education Agency
Agency Type: STATE
Duration: 3/1/2011 to 6/30/2012
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Beginning Teacher Induction and Mentoring

UNIVERSITY OF HOUSTON
Division of Research
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COLLEGE OF EDUCATION**Curriculum and Instruction**

Investigator: Dominey, Wallace Dr. 100%
Award Amount: \$374,999.00
Cost Center: 00730 / 5014 / H0062 / A0001 / G101767 / 46692
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency: USE DED100; U.S. Department of Education
Agency Type: FEDERAL
Duration: 6/1/2010 to 4/30/2012
CFDA: 84.367 Improving Teacher Quality State Grants
CB Designation: Non Research
Project Type: Grant - Instruction
Project Title: Teacher Quality Grant-Elementary Science Lab

Dean, Education

Investigator: Chiappetta, Eugene L. Dr. 20%
Award Amount: \$114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Educational Psychology

Investigator: Schanding, Thomas Dr. 50%
Award Amount: \$3,189.60
Cost Center: 00730 / 5021 / H0064 / B0001 / G101901 / 46720
Agency: Baylor College of Medicine
Pass_Thru Agency: Simmons Foundation
Agency Type: FOUNDATION
Duration: 4/1/2010 to 8/15/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Baylor College of Medicine Simons Simplex Collection Project to identify and map the genetic underpinnings of autism while also investigating the phenotypic and psychosocial characteristics of children with autism and their siblings.

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COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Dempsey, Allison Dr. 50%
Award Amount: \$3,189.60
Cost Center: 00730 / 5021 / H0064 / B0001 / G101901 / 46720
Agency: Baylor College of Medicine
Pass_Thru Agency: Simmons Foundation
Agency Type: FOUNDATION
Duration: 4/1/2010 to 8/15/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Baylor College of Medicine Simons Simplex Collection Project to identify and map the genetic underpinnings of autism while also investigating the phenotypic and psychosocial characteristics of children with autism and their siblings.

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

Investigator: Cirino, Paul Dr. 10%
Award Amount: \$41,914.30
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

Investigator: Francis, David Dr. 20%
Award Amount: \$3,344.12
Cost Center: 00730 / 5015 / H0288 / B0001 / G103755 / 48704
Agency: University of Texas Health Science Center at Houston
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 1/24/2011 to 5/31/2011
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Maria Hernandez

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Hannay, H. Julia Dr. 100%
Award Amount: \$1,739.54
Cost Center: 00730 / 5021 / H0125 / B0001 / G085780 / 27968
Agency: TIRR Memorial Hermann
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2001 to 8/31/2002
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Graduate Student Placement in the Field of Neuropsychology

Investigator: Sharp, Carla Dr. 100%
Award Amount: \$15,000.00
Cost Center: 00730 / 5021 / H0125 / B0001 / G099469 / 45521
Agency: National Alliance for Research on Schizophrenia & Depression (NARSAD)
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: fMRI of Reward-Related Decision-Making in Adolescents at High Risk for Major Depressive Disorder

Investigator: Tolar, Tammy Dr. 10%
Award Amount: \$41,914.30
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during MAY****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology****Investigator:** Spitzmueller, Christiane Dr. 100%**Award Amount:** \$15,300.00**Cost Center:** 00730 / 5022 / H0125 / B0001 / G102207 / 48735**Agency:** Willbros Group USA**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 6/1/2010 to 12/31/2011**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Willbros Safety Survey for Hourly Workers/Field Staff

Investigator: Carlson, Coleen Dr. 10%**Award Amount:** \$112,441.60**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510**Agency:** Institute of Educational Sciences**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2011 to 7/31/2012**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

Investigator: Francis, David Dr. 10%**Award Amount:** \$112,441.60**Cost Center:** 00730 / 5013 / H0288 / B0001 / G101918 / 48510**Agency:** Institute of Educational Sciences**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 8/1/2011 to 7/31/2012**CFDA:** 84.305 National Institute on Student Achievement, Curriculum and Assessment**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Scale-up Evaluation of Reading Intervention for First Grade English Learners

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Theatre

Investigator: Wallace, Steven Dr. 100%
Award Amount: \$35,020.00
Cost Center: 00730 / 5022 / H0085 / C0001 / G102091 / 48668
Agency: Miller Theatre Advisory Board, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 7/29/2011 to 8/7/2011
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Houston Shakespeare Festival

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology of Behavior Institute

Investigator: Roman, Gregg Dr. 45%
Award Amount: \$30,375.00
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

Biology/Biochemistry

Investigator: Willson, Richard C. Dr. 20%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G103171 / 48529
Agency: The Welch Foundation
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: PHYSICAL CHEMISTRY OF BIOMOLECULAR RECOGNITION: Role of conformational changes

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$32,205.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101280 / 48733
Agency: Wayne State University
Pass_Thru Agency: National Institute of General Medical Sciences
Agency Type: FEDERAL
Duration: 1/1/2011 to 12/31/2012
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Small RNA and whole chromosome recognition

Investigator: Roman, Gregg Dr. 55%
Award Amount: \$37,125.00
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: Fox, George E. Dr. 70%
Award Amount: \$63,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058
Agency: Georgia Institute of Technology
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 5/1/2010 to 1/31/2014
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evolutionary history of the cellular translation machinery

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Center for Nuclear Receptors and Cell Signaling

Investigator: Zhang, Xiaoliu Dr. 100%
Award Amount: \$15,750.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G099897 / 45067
Agency: National Cancer Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/11/2009 to 2/29/2012
CFDA: 93.395 Cancer Treatment Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Strategies to Enhance Virotherapy for Breast Cancer

Investigator: Zhang, Xiaoliu Dr. 100%
Award Amount: \$21,788.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G099896 / 45068
Agency: National Cancer Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/14/2009 to 11/30/2012
CFDA: 93.395 Cancer Treatment Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of an HSV-2 Based Oncolytic Virus

Chemistry

Investigator: Kadish, Karl M. Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103601 / 48526
Agency: The Welch Foundation
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: Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Advincula, Rigoberto Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103593 / 48517
Agency: The Welch Foundation
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: Investigating Plasmonic Metal and Fluorescent Nanocrystal Hybrids through Hierarchical Organic Dendron and Linear-Dendron Scaffolds

Investigator: Lubchenko, Vassiliy Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G097866 / 48568
Agency: Alfred P. Sloan Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/15/2011 to 9/15/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Alfred P. Sloan Research Fellowships Nomination

Investigator: Daugulis, Olafs Dr. 100%
Award Amount: \$90,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103591 / 48579
Agency: The Welch Foundation
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: New Methods of Carbon-Hydrogen Bond Functionalization

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Halasyamani, Shiv Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103589 / 48516
Agency: The Welch Foundation
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: New Polar Oxide Materials: Synthesis, Characterization, and Structure-Property Relationships

Investigator: Thummel, Randolph P. Dr. 100%
Award Amount: \$70,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103185 / 48538
Agency: The Welch Foundation
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: The Design and Synthesis of Azaaromatic Ligands and the Study of their Metal Complexes

Investigator: Hoffman, David M. Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103590 / 48521
Agency: The Welch Foundation
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: ynthesis of Metal Dimethylhydrazonide Complexes

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Bittner, Eric R. Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103595 / 48514
Agency: The Welch Foundation
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: Photophysical Processes in CNA Oligomers

Investigator: Kouri, Donald J. Dr. 50%
Award Amount: \$35,000.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G103198 / 48553
Agency: The Welch Foundation
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: Supersymmetric Quantum Mechanics: Accurate Excited State Energies and Wave Functions

Investigator: Lee, T. Randall Dr. 100%
Award Amount: \$70,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103186 / 48554
Agency: The Welch Foundation
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: Dithiocarboxylates and Structural Analogs for Generating Patterned Surfaces and Stable Nanoparticles

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during MAY****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Chemistry****Investigator:** Pettitt, B. Montgomery Dr. 50%**Award Amount:** \$5,000.00**Cost Center:** 00730 / 5021 / H0103 / B0001 / G103594 / 49209**Agency:** The Welch Foundation**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:** Structural Theory of Aqueous Electrolyte Solutions

Computer Science**Investigator:** Johnsson, S. Lennart Dr. 16.5%**Award Amount:** \$14,025.00**Cost Center:** 00730 / 5016 / H0429 / B0001 / G101386 / 46202**Agency:** Texas Commission on Environmental Quality**Pass_Thru Agency:** State of Texas**Agency Type:** STATE**Duration:** 3/16/2010 to 12/31/2011**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

Investigator: Gabriel, Edgar Dr. 100%**Award Amount:** \$82,418.00**Cost Center:** 00730 / 5013 / H0108 / B0001 / G097543 / 44023**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 2/15/2009 to 1/31/2014**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** 'CAREER:Dynamic Run-Time Tuning of Parallel, Adaptive and Hybrid Applications'

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Division of Research

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$37,017.00
Cost Center: 00730 / 5043 / H0546 / B0001 / G101840 / 47011
Agency: UT-Battelle, LLC
Pass_Thru Agency: U.S. Department of Energy-Oak Ridge
Agency Type: FEDERAL
Duration: 7/28/2010 to 3/15/2012
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of the OpenSHMEM API for the HPC community and Chapel Environment Maturation

Investigator: Cheng, Albert M. K. Dr. 100%
Award Amount: \$16,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G103164 / 48758
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/16/2011 to 7/31/2011
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement Request for Collaborative Research: CSR/EHS Building Physically Safe Embedded Systems

Geosciences

Investigator: Rappenglueck, Bernhard Dr. 16%
Award Amount: \$13,600.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G101386 / 46202
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 3/16/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

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

Investigator: Shauck, Max Dr. 100%
Award Amount: \$279,642.00
Cost Center: 00730 / 5018 / H0109 / B0001 / G102022 / 48466
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 3/25/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Airborne Measurements to Investigate Ozone Formation and Transport in the Dallas Fort Worth (DFW) Area During the 2011 Ozone Season

Investigator: Lefer, Barry Dr. 16%
Award Amount: \$13,600.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G101386 / 46202
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 3/16/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

Investigator: Li, Liming Dr. 50%
Award Amount: \$23,033.00
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

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Geosciences

Investigator: Lefer, Barry Dr. 50%
Award Amount: \$88,157.00
Cost Center: 00730 / 5018 / H0429 / B0001 / G101983 / 48580
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/9/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SHARP Data Analysis: Radical Budget and Ozone Production

Investigator: Talbot, Robert Dr. 100%
Award Amount: \$150,754.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G102648 / 48587
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2011 to 4/30/2012
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Participation in the Reno Atmospheric Mercury Inter-comparison Experiment (RAMIX)

Investigator: Han, De-Hua Dr. 100%
Award Amount: \$160,000.00
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

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Geosciences

Investigator: Lapen, Thomas Dr. 100%
Award Amount: \$35,137.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G102229 / 48586
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/23/2011 to 2/22/2014
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Coupled Lu-Hf and Sm-Nd isotopic studies of Martian meteorites: constraints on crystallization ages and source compositions

Institute for Multidimensional Air Quality Studies

Investigator: Lefer, Barry Dr. 50%
Award Amount: \$88,157.00
Cost Center: 00730 / 5018 / H0429 / B0001 / G101983 / 48580
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/9/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SHARP Data Analysis: Radical Budget and Ozone Production

Investigator: Lefer, Barry Dr. 18%
Award Amount: \$15,300.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G101386 / 46202
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 3/16/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

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Division of Research
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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Institute for Multidimensional Air Quality Studies**

Investigator: Rappenglueck, Bernhard Dr. 17%
Award Amount: \$14,450.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G101386 / 46202
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 3/16/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

Investigator: Li, Liming Dr. 50%
Award Amount: \$23,033.00
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: Gorb, Yuliya Dr. 100%
Award Amount: \$99,155.00
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

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

Investigator: Josic, Kresimir Dr. 100%
Award Amount: \$31,958.00
Cost Center: 00730 / 5021 / H0110 / B0001 / G103020 / 48555
Agency: Rice University
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 1/1/2011 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Single cell dynamics of the white/opaque epigenetic switch in Candida albicans

Investigator: Perepelitsa, Mikhail Dr. 100%
Award Amount: \$118,781.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102751 / 48756
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2011 to 5/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Measure Valued Solutions of Hyperbolic Conservation Laws

Physics

Investigator: Bensaoula, Abdelhak Dr. 100%
Award Amount: \$11,850.00
Cost Center: 00730 / 5022 / H0112 / B0001 / G102061 / 47867
Agency: Chevron Energy Technology Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2010 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Development of an optical wireless sensor for pipe temperature measurement in an oil pipeline system (Smart Joint I)

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Weinstein, Roy Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G103600 / 48525
Agency: The Welch Foundation
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: Discovery of Improved Pinning Centers by Chemical Emulation of Observed Irradiation Morphologies

Investigator: Ting, Chin-Sen Dr. 100%
Award Amount: \$90,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G103597 / 48578
Agency: The Welch Foundation
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: Study of Superconductivity and Related Subjects in Strongly Correlated Electron Systems

Investigator: Su, Wu-Pei Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G103188 / 48531
Agency: The Welch Foundation
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: A Real Space Approach to the Macromolecular X-ray Phase Problem

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Bensaoula, Abdelhak Dr. 100%
Award Amount: \$25,000.00
Cost Center: 00730 / 5022 / H0112 / B0001 / G102998 / 48667
Agency: Integrated Micro Sensors
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2011 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Agreement on Design, fabrication and characterization procedures for hybrid photovoltaic devices

Investigator: Brazdeikis, Audrius Prof. 18%
Award Amount: \$18,000.00
Cost Center: 00730 / 5021 / H0452 / B0001 / G101818 / 48242
Agency: Methodist Hospital Research Institute
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: Magnetic Characterization of the Nanosconstructs and Development of the Device for Magnetic Guiding and Localized ablation

Investigator: Badi, Nacer Dr. 25%
Award Amount: \$6,000.00
Cost Center: 00730 / 5022 / H0453 / B0001 / G103299 / 48465
Agency: Integrated Micro Sensors
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2011 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Design, Simulation, and Synthesis of Metallic and Dielectric Nanoparticles for Photon Conversion Applications

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

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$12,500.00
Cost Center: 00730 / 5022 / H0453 / B0001 / G101233 / 47251
Agency: Unity Semiconductor Corp
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/19/2010 to 1/19/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Participation Agreement-Collaborative Research Project

COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Glasser, Adrian Dr. 100%
Award Amount: \$33,153.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G093513 / 42067
Agency: University of Miami
Pass_Thru Agency: National Eye Institute
Agency Type: FEDERAL
Duration: 4/1/2007 to 3/31/2012
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Optomechanical Characteristics of Lens Accommodation

Investigator: Smith III, Earl L. Dr. 100%
Award Amount: \$99,730.00
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

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

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 4/30/2012
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Core Grant for Vision Research

COLLEGE OF PHARMACY**Pharmacological and Pharmaceutical Sciences**

Investigator: Tejada-Simon, Maria Dr. 100%
Award Amount: \$60,210.00
Cost Center: 00730 / 5021 / H0117 / B0001 / G102380 / 48697
Agency: Jerome Lejeune Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 5/10/2011 to 5/9/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Therapeutic potential of Rac inhibitors in cognitive disorders

COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Yuan, Xiaojing Dr. 100%
Award Amount: \$11,970.00
Cost Center: 00730 / 5021 / H0139 / B0001 / G103746 / 48661
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2011 to 7/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement: X. Yuan

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Akay, Metin Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G102889 / 48527
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2011 to 4/30/2012
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Advanced Study Institute on Global Healthcare Grand Challenges and Opportunities

Center for Innovative Grouting Materials and Tech

Investigator: Vipulanandan, Cumaraswamy D100%
Award Amount: \$6,000.00
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

Chemical Engineering

Investigator: Willson, Richard C. Dr. 100%
Award Amount: \$36,131.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G103578 / 48576
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: WRCE Diagnostics Development Core - Yr 3 of 5 Yr. Award

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2011 - Received during MAY

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Willson, Richard C. Dr. 80%
Award Amount: \$40,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G103171 / 48529
Agency: The Welch Foundation
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: PHYSICAL CHEMISTRY OF BIOMOLECULAR RECOGNITION: Role of conformational changes

Investigator: Harold, Michael Dr. 65%
Award Amount: \$21,256.30
Cost Center: 00730 / 5022 / H0067 / B0001 / G102220 / 47072
Agency: HRD Corporation
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2010 to 6/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Conversion of Methane to Higher Hydrocarbons

Investigator: Muncrief, Rachel Dr. 35%
Award Amount: \$11,445.70
Cost Center: 00730 / 5022 / H0067 / B0001 / G102220 / 47072
Agency: HRD Corporation
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2010 to 6/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Conversion of Methane to Higher Hydrocarbons

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

Investigator: Balakotaiah, Vemuri Dr. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G101473 / 46776
Agency: NASA - National Aeronautics and Space Administration - Glenn Research Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/12/2010 to 10/11/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Packed Bed Reactor Experiment

Civil Engineering

Investigator: Dhonde, Hemant Dr. 20%
Award Amount: \$1,200.00
Cost Center: 00730 / 5022 / H0068 / B0001 / G102186 / 48547
Agency: Trinity Rail
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2010 to 10/31/2010
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Investigation of Elastomeric Follower Block Pads Under High Static and Fatigue Loads

Investigator: Ayoub, Ashraf Dr. 60%
Award Amount: \$174,639.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G102441 / 48507
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2011 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Establishing the Shear Constitutive Laws of Fiber-Reinforced Polymer (FRP)-Strengthened Concrete Elements

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

Investigator: Belarbi, Abdeldjelil Dr. 40%
Award Amount: \$116,426.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G102441 / 48507
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2011 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Establishing the Shear Constitutive Laws of Fiber-Reinforced Polymer (FRP)-Strengthened Concrete Elements

Investigator: Dawood, Mina Dr. 80%
Award Amount: \$239,911.20
Cost Center: 00730 / 5013 / H0068 / B0001 / G102440 / 48400
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2011 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Self-Stressing Shape Memory Alloys/Fiber Reinforced Polymer (SMA/FRP) Composite Patches for Rehabilitation of Cracked Steel Structures

Investigator: Willam, Kaspar Dr. 10%
Award Amount: \$29,988.90
Cost Center: 00730 / 5013 / H0068 / B0001 / G102440 / 48400
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2011 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Self-Stressing Shape Memory Alloys/Fiber Reinforced Polymer (SMA/FRP) Composite Patches for Rehabilitation of Cracked Steel Structures

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

CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Mo, Yi-Lung Dr. 80%
Award Amount: \$4,800.00
Cost Center: 00730 / 5022 / H0068 / B0001 / G102186 / 48547
Agency: Trinity Rail
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2010 to 10/31/2010
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Investigation of Elastomeric Follower Block Pads Under High Static and Fatigue Loads

Dean, Engineering

Investigator: Long, Stuart A. Dr. 20%
Award Amount: \$114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Investigator: Claydon, Frank Dr. 20%
Award Amount: \$114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

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

Investigator: Rifai, Hanadi Dr. 20%
Award Amount: \$114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Investigator: Sharma, Pradeep Dr. 20%
Award Amount: \$114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Electrical & Computer Engineering

Investigator: Wosik, Jarek Dr. 10%
Award Amount: \$10,000.00
Cost Center: 00730 / 5021 / H0452 / B0001 / G101818 / 48242
Agency: Methodist Hospital Research Institute
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: Magnetic Characterization of the Nanosconstructs and Development of the Device for Magnetic Guiding and Localized ablation

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

Investigator: Kulkarni, Yashashree Dr. 100%
Award Amount: \$114,852.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G101067 / 46613
Agency: Defense Advanced Research Projects Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/28/2010 to 5/27/2012
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Computational modeling of grain stability in nanostructured materials

Investigator: Sun, Li Dr. 60%
Award Amount: \$180,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G102451 / 48615
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2011 to 5/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electrochemical nanomanufacture of multi-component magnetic structures to introduce color contrast in MRI

Investigator: Song, Gangbing Dr. 10%
Award Amount: \$29,988.90
Cost Center: 00730 / 5013 / H0068 / B0001 / G102440 / 48400
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2011 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Self-Stressing Shape Memory Alloys/Fiber Reinforced Polymer (SMA/FRP) Composite Patches for Rehabilitation of Cracked Steel Structures

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

DIVISION OF RESEARCH**Center for Advanced Materials**

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$12,500.00
Cost Center: 00730 / 5022 / H0453 / B0001 / G101233 / 47251
Agency: Unity Semiconductor Corp
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/19/2010 to 1/19/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Participation Agreement-Collaborative Research Project

Investigator: Badi, Nacer Dr. 75%
Award Amount: \$18,000.00
Cost Center: 00730 / 5022 / H0453 / B0001 / G103299 / 48465
Agency: Integrated Micro Sensors
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2011 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Design, Simulation, and Synthesis of Metallic and Dielectric Nanoparticles for Photon Conversion Applications

Center for Biomedical & Environmental Genomics

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$37,017.00
Cost Center: 00730 / 5043 / H0546 / B0001 / G101840 / 47011
Agency: UT-Battelle, LLC
Pass_Thru Agency: U.S. Department of Energy-Oak Ridge
Agency Type: FEDERAL
Duration: 7/28/2010 to 3/15/2012
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of the OpenSHMEM API for the HPC community and Chapel Environment Maturation

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

DIVISION OF RESEARCH**Center for Biomedical & Environmental Genomics**

Investigator: Fox, George E. Dr. 10%
Award Amount: \$9,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058
Agency: Georgia Institute of Technology
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 5/1/2010 to 1/31/2014
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evolutionary history of the cellular translation machinery

Institute for Molecular Design

Investigator: Pettitt, B. Montgomery Dr. 45%
Award Amount: \$4,500.00
Cost Center: 00730 / 5021 / H0103 / B0001 / G103594 / 49209
Agency: The Welch Foundation
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: Structural Theory of Aqueous Electrolyte Solutions

Institute for Space Systems Operations

Investigator: Fox, George E. Dr. 10%
Award Amount: \$9,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058
Agency: Georgia Institute of Technology
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 5/1/2010 to 1/31/2014
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evolutionary history of the cellular translation machinery

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

DIVISION OF RESEARCH**TcSUH**

Investigator: Brazdeikis, Audrius Prof. 42%
Award Amount: \$42,000.00
Cost Center: 00730 / 5021 / H0452 / B0001 / G101818 / 48242
Agency: Methodist Hospital Research Institute
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: Magnetic Characterization of the Nanosconstructs and Development of the Device for Magnetic Guiding and Localized ablation

Investigator: Wosik, Jarek Dr. 30%
Award Amount: \$30,000.00
Cost Center: 00730 / 5021 / H0452 / B0001 / G101818 / 48242
Agency: Methodist Hospital Research Institute
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: Magnetic Characterization of the Nanosconstructs and Development of the Device for Magnetic Guiding and Localized ablation

Investigator: Sun, Li Dr. 40%
Award Amount: \$120,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G102451 / 48615
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2011 to 5/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electrochemical nanomaufactue of multi-component magentic structures to introduce color contrast in MRI

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

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

Investigator: Johnsson, S. Lennart Dr. 16.5%
Award Amount: \$14,025.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G101386 / 46202
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 3/16/2010 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Ozone and Carbon Monoxide Monitor Operation, University of Houston Sites

Investigator: Francis, David Dr. 10%
Award Amount: \$1,672.06
Cost Center: 00730 / 5015 / H0288 / B0001 / G103755 / 48704
Agency: University of Texas Health Science Center at Houston
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 1/24/2011 to 5/31/2011
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Maria Hernandez

Investigator: Carlson, Coleen Dr. 5%
Award Amount: \$56,220.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G101918 / 48510
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2011 to 7/31/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Scale-up Evaluation of Reading Intervention for First Grade English Learners

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

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

Investigator: Pettitt, B. Montgomery Dr. 5%
Award Amount: \$500.00
Cost Center: 00730 / 5021 / H0103 / B0001 / G103594 / 49209
Agency: The Welch Foundation
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: Structural Theory of Aqueous Electrolyte Solutions

Investigator: Francis, David Dr. 5%
Award Amount: \$56,220.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G101918 / 48510
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2011 to 7/31/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Scale-up Evaluation of Reading Intervention for First Grade English Learners

Investigator: Tolar, Tammy Dr. 5%
Award Amount: \$20,957.15
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

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

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

Investigator: Kouri, Donald J. Dr. 50%
Award Amount: \$35,000.00
Cost Center: 00730 / 5021 / H0246 / B0001 / G103198 / 48553
Agency: The Welch Foundation
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: Supersymmetric Quantum Mechanics: Accurate Excited State Energies and Wave Functions

Investigator: Cirino, Paul Dr. 5%
Award Amount: \$20,957.15
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

Investigator: Fox, George E. Dr. 10%
Award Amount: \$9,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058
Agency: Georgia Institute of Technology
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 5/1/2010 to 1/31/2014
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evolutionary history of the cellular translation machinery

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

DIVISION OF RESEARCH**TIMES**

Investigator: Francis, David Dr. 35%
Award Amount: \$393,545.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G101918 / 48510
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2011 to 7/31/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Scale-up Evaluation of Reading Intervention for First Grade English Learners

Investigator: Carlson, Coleen Dr. 35%
Award Amount: \$393,545.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G101918 / 48510
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2011 to 7/31/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Scale-up Evaluation of Reading Intervention for First Grade English Learners

Investigator: Francis, David Dr. 70%
Award Amount: \$11,704.43
Cost Center: 00730 / 5015 / H0288 / B0001 / G103755 / 48704
Agency: University of Texas Health Science Center at Houston
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 1/24/2011 to 5/31/2011
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Maria Hernandez

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Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2011 - Received during MAY

DIVISION OF RESEARCH**TIMES**

Investigator: Tolar, Tammy Dr. 35%
Award Amount: \$146,700.05
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

Investigator: Cirino, Paul Dr. 35%
Award Amount: \$146,700.05
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2012
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Arithmetical and Cognitive Antecedents and Concomitants of Algebraic Skill

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST**KUHF - Radio**

Investigator: Proffitt, John M. Mr. 100%
Award Amount: \$35,000.00
Cost Center: 00730 / 5021 / H0018 / C0001 / G102714 / 48539
Agency: Corporation for Public Broadcasting
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/21/2011 to 7/8/2011
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: CPB American Archive Content Inventory Project

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2011 - Received during MAY

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$20,843.00
Cost Center: 00730 / 5034 / H0441 / D0001 / G103349 / 48660
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/30/2010 to 9/30/2011
CFDA: 84.394
CB Designation: Non Research
Project Type: Grant - Academic Support
Project Title: ARRA - UH Charter School-FED FUND

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$7,199,334.61
State Funding: \$870,955.00
Local Funding: \$0.00
Profit Funding: \$340,872.00
Non Profit Funding: \$63,709.54
Foundation Funding: \$676,589.20
University Funding: \$131,688.00
Total: **\$9,283,148.35**