

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

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

Investigator: Young, Frederick Dr. 100%
Award Amount: \$30,392.00
Cost Center: 00730 / 5013 / H0053 / C0001 / G104101 / 49813
Agency: U.S. Small Business Administration
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2011 to 9/30/2012
CFDA: 59.037 Small Business Development Center
CB Designation: Non Research
Project Type: Co-Op Agreement - Public Service
Project Title: Small Business Development Center

Investigator: Young, Frederick Dr. 100%
Award Amount: \$117,242.00
Cost Center: 00730 / 5021 / H0053 / C0001 / G103513 / 50614
Agency: Goldman Sachs Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 3/22/2012 to 1/31/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: 10,000 Small Businesses Initiative

COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Smith, Dennis Dr. 100%
Award Amount: \$17,595.00
Cost Center: 00730 / 5016 / H0064 / B0100 / G104933 / 50830
Agency: Texas Department of State Health Services
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2012
CFDA:
CB Designation: Non Restricted Research
Project Type: Contract - Research
Project Title: Texas Youth Tobacco Awareness Program

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**Health and Human Performance**

Investigator: McFarlin, Brian Dr. 100%
Award Amount: \$36,535.00
Cost Center: 00730 / 5022 / H0065 / B0001 / G104363 / 50336
Agency: Under Armour
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 2/1/2012 to 9/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Effect of Different types of Under Armour Heat Shirts on Body Temperature and Heat Loss Potential in a Sustained Exercise Model

Psychology

Investigator: Cirino, Paul Dr. 10%
Award Amount: \$40,754.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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: Tolar, Tammy Dr. 10%
Award Amount: \$40,754.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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

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

Investigator: Norton, Peter Dr. 90%
Award Amount: \$54,600.30
Cost Center: 00730 / 5021 / H0125 / B0001 / G105190 / 50774
Agency: M. D. Anderson Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 1/3/2012 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Population Science Fellow MDACC Rotation, Chelsea Gilts Student Placement

Investigator: Sharp, Carla Dr. 10%
Award Amount: \$6,066.70
Cost Center: 00730 / 5021 / H0125 / B0001 / G105190 / 50774
Agency: M. D. Anderson Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 1/3/2012 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Population Science Fellow MDACC Rotation, Chelsea Gilts Student Placement

Investigator: Fletcher, Jack Dr. 30%
Award Amount: \$12,054.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G101829 / 50853
Agency: George Washington University
Pass_Thru Agency: National Institute of Child Health and Human Development
Agency Type: FEDERAL
Duration: 8/1/2011 to 6/30/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Follow-up of Children Enrolled in the Management of Myelomeningocele Study

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

Investigator: Cirino, Paul Dr. 20%
Award Amount: \$5,091.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G096313 / 44890
Agency: Vanderbilt University
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 12/1/2008 to 11/30/2012
CFDA: 93.333 Clinical Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Calculations, Word Problems, and Algebraic Cognition

Investigator: Hannay, H. Julia Dr. 100%
Award Amount: \$3,000.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G101502 / 46365
Agency: University of Florida
Pass_Thru Agency: NIH/Clinical Center
Agency Type: FEDERAL
Duration: 5/1/2010 to 4/30/2012
CFDA: 93.853 Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Outcome Measures for Biomarkers of Brain Pathology

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

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$371,250.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101187 / 45955
Agency: National Heart, Lung, and Blood Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2009 to 3/31/2013
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role of Cysteine Rich Protein2 Binding Protein in Cardiovascular Development

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

Investigator: Wiernasz, Diane Dr. 25%
Award Amount: \$22,461.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

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

Investigator: Dryer, Stuart E. Dr. 100%
Award Amount: \$110,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G104207 / 50839
Agency: Juvenile Diabetes Reserch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 5/1/2012 to 4/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: NMDA receptors as therapeutic targets in diabetic nephropathy

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

Investigator: Cole, Blaine J. Dr. 25%
Award Amount: \$22,461.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$117,170.00
Cost Center: 00730 / 5018 / H0104 / B0001 / G103778 / 50627
Agency: University of Texas - Cancer Center (M.D. Anderson Hosp. & Tumor Inst.)
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigating the roles of p63 in miRNA regulation in EMT and metastatic breast cancer

Chemistry

Investigator: Cai, Chengzhi Dr. 20%
Award Amount: \$74,916.60
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Gilbertson, Scott Dr. 100%
Award Amount: \$10,850.46
Cost Center: 00730 / 5021 / H0107 / B0001 / G099553 / 44965
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2009 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Gulf Coast Consortium/Welch Foundation Computational Chemistry Research Program

Computer Science

Investigator: Gabriel, Edgar Dr. 34%
Award Amount: \$8,027.06
Cost Center: 00730 / 5013 / H0108 / B0001 / G099753 / 46573
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2010 to 5/31/2013
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: II-NEW: A Heterogeneous Testbed for Exploring Emerging HPC Tools, Programming Languages, and Applications

Investigator: Cheng, Albert M. K. Dr. 100%
Award Amount: \$16,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G104847 / 50838
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/17/2012 to 7/31/2012
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: CSR/EHS Building Physically Safe Embedded Systems

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

Investigator: Chapman, Barbara M. Dr. 33%
Award Amount: \$7,790.97
Cost Center: 00730 / 5013 / H0108 / B0001 / G099753 / 46573
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2010 to 5/31/2013
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: II-NEW: A Heterogeneous Testbed for Exploring Emerging HPC Tools, Programming Languages, and Applications

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$20,600.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G096524 / 44267
Agency: University of Florida
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 4/15/2009 to 3/31/2012
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multiscale Network Modeling of Hemodynamically-Driven Vascular Adaptation

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$70,887.00
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 9/30/2012
CFDA: 47.040 Computer and Information Science and Engineering
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of the OpenSHMEM API for the HPC community and Chapel Environment Maturation

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

Investigator: Subhlok, Jaspal Dr. 33%
Award Amount: \$7,790.97
Cost Center: 00730 / 5013 / H0108 / B0001 / G099753 / 46573
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2010 to 5/31/2013
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: II-NEW: A Heterogeneous Testbed for Exploring Emerging HPC Tools, Programming Languages, and Applications

Dean, Natural Sciences and Mathematics

Investigator: Smith, Mark Dr. 100%
Award Amount: \$105,158.00
Cost Center: 00730 / 5043 / H0102 / B0001 / G105192 / 50829
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 4/10/2012 to 9/30/2012
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Titan National Astrobiology Institute

Geosciences

Investigator: Han, De-Hua Dr. 100%
Award Amount: \$200,000.00
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

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Geosciences**

Investigator: Brandon, Alan Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G101841 / 47013
Agency: Lunar and Planetary Institute
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Ames Research Center
Agency Type: FEDERAL
Duration: 6/1/2010 to 4/26/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Impact Processes in the Origin and Evolution of the Moon: New Sample-driven Perspective

Institute for Multidimensional Air Quality Studies

Investigator: Lefer, Barry Dr. 100%
Award Amount: \$22,500.00
Cost Center: 00730 / 5022 / H0429 / B0001 / G105138 / 50761
Agency: ENVIRON International Corp.
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 4/1/2012 to 7/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Survey of air emissions from Texas Eastman Chemical plant complex using the Solar Occultation Flux method

Mathematics

Investigator: Torok, Andrei Dr. 34%
Award Amount: \$12,886.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104641 / 50784
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Progress and Problems in Dynamics

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Mathematics**

Investigator: Field, Michael Dr. 33%
Award Amount: \$12,507.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104641 / 50784
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Progress and Problems in Dynamics

Investigator: Nicol, Matthew Dr. 33%
Award Amount: \$12,507.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104641 / 50784
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2012 to 3/31/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Progress and Problems in Dynamics

Investigator: Blecher, David P. Dr. 100%
Award Amount: \$86,332.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104373 / 50837
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2012 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Noncommutative function theory in operator algebras and operator spaces

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Freundlich, Alexandre Dr. 20%
Award Amount: \$29,992.20
Cost Center: 00730 / 5013 / H0453 / B0001 / G102472 / 50751
Agency: Houston Area Research Council
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 1/1/2012 to 11/30/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research in Advanced Antireflective Coatings and Solar cells for Marine Environment

Investigator: Brazdeikis, Audrius Prof. 18%
Award Amount: \$5,305.32
Cost Center: 00730 / 5021 / H0452 / B0001 / G105164 / 50727
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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: Ignatiev, Alex Dr. 10%
Award Amount: \$14,996.10
Cost Center: 00730 / 5013 / H0453 / B0001 / G102472 / 50751
Agency: Houston Area Research Council
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 1/1/2012 to 11/30/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research in Advanced Antireflective Coatings and Solar cells for Marine Environment

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Weglein, Arthur Dr. 100%
Award Amount: \$49,700.00
Cost Center: 00730 / 5022 / H0112 / B0001 / G094786 / 40040
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2007 to 12/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Mission-Oriented Seismic Research Program

Investigator: Brazdeikis, Audrius Prof. 18%
Award Amount: \$6,063.12
Cost Center: 00730 / 5021 / H0452 / B0001 / G105163 / 50728
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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

COLLEGE OF OPTOMETRY**Clinical Optometry - Old Dept**

Investigator: Pease, Paul L. Dr. 100%
Award Amount: \$6.74
Cost Center: 00730 / 5013 / H0113 / C0001 / G000015 / 14140
Agency: Division of Associated Health Professions
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/1999 to 8/31/2001
CFDA: 93.822 Health Careers Opportunity Program
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Texas Optometry Career Opportunities Program - (TEXOCOP)

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: McDermott, Alison Dr. 80%
Award Amount: \$299,666.40
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Prince, Randall A. Dr. 100%
Award Amount: \$581.95
Cost Center: 00730 / 5021 / H0118 / B0001 / G103958 / 49577
Agency: Henry Ford Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/20/2011 to 9/20/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Study of intraocular penetration of systemic antibiotics in eyes with penetrating injury

Pharmacological and Pharmaceutical Sciences

Investigator: Salim, Samina Dr. 100%
Award Amount: \$443,414.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G103327 / 50778
Agency: National Institute of Mental Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/5/2012 to 3/31/2015
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Oxidative Stress: a Recipe for Anxiety

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COLLEGE OF PHARMACY**Pharmacological and Pharmaceutical Sciences**

Investigator: Cuny, Gregory 100%
Award Amount: \$24,237.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G105191 / 50789
Agency: Brandeis University
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 5/31/2012
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: IMPDH-targeted antibiotics for select agents

COLLEGE OF TECHNOLOGY**Abramson Center for the Future of Health**

Investigator: Dasco, Clifford Dr. 100%
Award Amount: \$48,974.00
Cost Center: 00730 / 5021 / H0469 / B0001 / G105144 / 50827
Agency: Methodist Hospital Research Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2011 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of mobileWARP - A Platform for Next-Generation Wireless Networks and Mobile Applications

Center for Technology Literacy

Investigator: Cline, Raymond Dr. 100%
Award Amount: \$111,690.00
Cost Center: 00730 / 5014 / H0423 / C0001 / G104997 / 50630
Agency: Texas Workforce Commission
Pass_Thru Agency: U.S. Department of Labor
Agency Type: FEDERAL
Duration: 3/15/2012 to 9/30/2012
CFDA: 17.268 H-1B Job Training Grants
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Science and Technology in Extreme Environments

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COLLEGE OF TECHNOLOGY**Dean, Technology**

Investigator: Gao, Lu 100%
Award Amount: \$21,144.00
Cost Center: 00730 / 5016 / H0136 / B0001 / G105146 / 50746
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 3/27/2012 to 9/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Manage the Transportation System

Engineering Technology

Investigator: Song, Lingguang Dr. 100%
Award Amount: \$44,810.00
Cost Center: 00730 / 5021 / H0139 / B0001 / G105066 / 50833
Agency: Electri International
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 7/15/2012 to 6/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effective Look-ahead Scheduling for Electrical Contractors

Investigator: Bose, Anima Dr. 100%
Award Amount: \$2,044.31
Cost Center: 00730 / 5013 / H0139 / B0001 / G104737 / 50112
Agency: Ohio University - All Campuses
Pass_Thru Agency: U.S. Department of Energy - National Energy Technology Laboratory
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multi-Hybrid Power Vehicles with Cost Effective and Durable Polymer Electrolyte Membrane Fuel Cell and Li-Ion Battery

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CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Birla, Ravi Mr. 100%
Award Amount: \$476,684.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G105069 / 50828
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 3/31/2014
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Fabrication of 3D Cardiac Patches for Myocardial Recovery

Investigator: Gifford, Howard 100%
Award Amount: \$186,875.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G104982 / 50380
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 2/28/2013
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Feasibility of Multipinhole SPECT for Prostate Imaging

Center for Innovative Grouting Materials and Tech

Investigator: Vipulanandan, Cumaraswamy D.100%
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

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Division of Research
New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Center for Integrated Bio and Nano Systems**

Investigator: Brankovic, Stanko Dr. 30%
Award Amount: \$32,203.50
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

Chemical Engineering

Investigator: Luss, Dan Dr. 30%
Award Amount: \$34,146.30
Cost Center: 00730 / 5013 / H0067 / B0001 / G098356 / 45303
Agency: U.S. Department of Energy - National Energy Technology Laboratory
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/21/2009 to 9/20/2012
CFDA: 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical An
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems

Investigator: Krishnamoorti, Ramanan Dr. 100%
Award Amount: \$74,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G103903 / 50024
Agency: Tulane University
Pass_Thru Agency: Consortium for Ocean Leadership (COL)
Agency Type: PROFIT
Duration: 10/1/2011 to 9/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Science and Technology of Dispersants as Relevant to Deep-Sea Hydrocarbon Releases

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New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G103631 / 48797
Agency: Total
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2011 to 7/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation and Study of Nano-Zeolite Supported Materials - Project 2011

Investigator: Balakotaiah, Vemuri Dr. 30%
Award Amount: \$34,146.30
Cost Center: 00730 / 5013 / H0067 / B0001 / G098356 / 45303
Agency: U.S. Department of Energy - National Energy Technology Laboratory
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/21/2009 to 9/20/2012
CFDA: 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical An
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems

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

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Harold, Michael Dr. 40%
Award Amount: \$45,528.40
Cost Center: 00730 / 5013 / H0067 / B0001 / G098356 / 45303
Agency: U.S. Department of Energy - National Energy Technology Laboratory
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/21/2009 to 9/20/2012
CFDA: 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical An
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems

Investigator: Harold, Michael Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G105141 / 50742
Agency: Total
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2012 to 3/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Applications of Membranes for Hydrocarbon Conversion Processes

Investigator: Willson, Richard C. Dr. 100%
Award Amount: \$39,725.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G105051 / 50406
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2013
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: WRCE Diagnostics Development Core - Yr 4 of 5 Yr. Award

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Harold, Michael Dr. 50%
Award Amount: \$10,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G104577 / 50559
Agency: Texas EnTech
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 12/1/2011 to 11/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Catalyst Benchmark and Evaluation Study

Investigator: Muncrief, Rachel Dr. 50%
Award Amount: \$10,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G104577 / 50559
Agency: Texas EnTech
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 12/1/2011 to 11/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Catalyst Benchmark and Evaluation Study

Civil Engineering

Investigator: Carter, William Dr. 30%
Award Amount: \$13,455.90
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

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Glennie, Craig Dr. 10%
Award Amount: \$4,485.30
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: Rifai, Hanadi Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G104018 / 49547
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 8/4/2011 to 8/31/2012
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Total Maximum Daily Loads (TMDLs) for Polychlorinated Biphenyls (PCBs) in the Houston Ship Channel (HSC) System and Upper Galveston Bay

Investigator: Willam, Kaspar Dr. 33%
Award Amount: \$3,960.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G104899 / 50475
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/29/2012 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: Self-stressing SMA/FRP Composite Patches for Rehabilitation of Cracked Steel Structures

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Shrestha, Ramesh Dr. 70%
Award Amount: \$106,685.60
Cost Center: 00730 / 5013 / H0068 / B0001 / G104884 / 50854
Agency: U.S. Geological Survey
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/18/2012 to 9/30/2013
CFDA: 15.808 U.S. Geological Survey - Research and Data Acquisition
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Cooperative Agreement with the National Center for Airborne Laser Mapping (NCALM), University of Houston -- Airborne lidar survey of Surprise Valley and surrounding areas, CA-NV

Investigator: Carter, William Dr. 20%
Award Amount: \$30,481.60
Cost Center: 00730 / 5013 / H0068 / B0001 / G104884 / 50854
Agency: U.S. Geological Survey
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/18/2012 to 9/30/2013
CFDA: 15.808 U.S. Geological Survey - Research and Data Acquisition
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Cooperative Agreement with the National Center for Airborne Laser Mapping (NCALM), University of Houston -- Airborne lidar survey of Surprise Valley and surrounding areas, CA-NV

Investigator: Glennie, Craig Dr. 10%
Award Amount: \$15,240.80
Cost Center: 00730 / 5013 / H0068 / B0001 / G104884 / 50854
Agency: U.S. Geological Survey
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/18/2012 to 9/30/2013
CFDA: 15.808 U.S. Geological Survey - Research and Data Acquisition
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Cooperative Agreement with the National Center for Airborne Laser Mapping (NCALM), University of Houston -- Airborne lidar survey of Surprise Valley and surrounding areas, CA-NV

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Dawood, Mina Dr. 34%
Award Amount: \$4,080.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G104899 / 50475
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/29/2012 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: Self-stressing SMA/FRP Composite Patches for Rehabilitation of Cracked Steel Structures

Investigator: Chellam, Shankar Dr. 100%
Award Amount: \$22,500.00
Cost Center: 00730 / 5022 / H0068 / B0001 / G104392 / 50867
Agency: ConocoPhillips
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 3/27/2012 to 3/26/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Produced Water Evaporator Blowdown Treatability Study: Neutralization and Solid/Liquid Separation

Investigator: Shrestha, Ramesh Dr. 60%
Award Amount: \$26,911.80
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

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

Investigator: Shih, Wei-Chuan Dr. 100%
Award Amount: \$400,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104094 / 50560
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/15/2012 to 2/28/2017
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Integrated Molecular And Computational Sensing for Label-free Bacteriomics

Investigator: Wosik, Jarek Dr. 10%
Award Amount: \$2,947.40
Cost Center: 00730 / 5021 / H0452 / B0001 / G105164 / 50727
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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. 10%
Award Amount: \$3,368.40
Cost Center: 00730 / 5021 / H0452 / B0001 / G105163 / 50728
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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

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

Investigator: Han, Zhu Dr. 100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G105133 / 50840
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/11/2012 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplemental Funding for "IHCS: Collaborative Research: Compressive Spectrum Sensing in Cognitive Radio Networks"

Investigator: Chen, Ji Dr. 100%
Award Amount: \$8,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G105084 / 50613
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/17/2012 to 1/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: Center for Electromagnetic Compatability Research

Investigator: Prasad, Saurabh Dr. 100%
Award Amount: \$65,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G105056 / 50788
Agency: Mississippi State University
Pass_Thru Agency: National Geospatial-Intelligence Agency
Agency Type: FEDERAL
Duration: 1/16/2012 to 5/1/2012
CFDA: 12.630 Basic, Applied, and Advanced Research in Science and Engineering
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Information Fusion in the Redundant Wavelet Transform Domain for Robust Hyperspectral ATR

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

Investigator: Liu, Ce Dr. 100%
Award Amount: \$25,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / G096869 / 42176
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2007 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Well Logging Consortium

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: \$64,437.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104881 / 50628
Agency: University of Maryland College Park
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 1/1/2012 to 6/30/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Functions and Development of the Mirror Neuron System: Project IV and Core B

Investigator: Chen, Ji Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / G096630 / 42373
Agency: St. Jude Medical Cardiac Rhythm Management
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2008 to 6/30/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: NUMERICAL MODELING STUDY

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

Investigator: Brankovic, Stanko Dr. 40%
Award Amount: \$42,938.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

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

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

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CULLEN COLLEGE OF ENGINEERING**Mechanical Engineering**

Investigator: Song, Gangbing Dr. 33%
Award Amount: \$3,960.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G104899 / 50475
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/29/2012 to 3/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: Self-stressing SMA/FRP Composite Patches for Rehabilitation of Cracked Steel Structures

Investigator: Sharma, Pradeep Dr. 100%
Award Amount: \$12,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G104452 / 50864
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2012
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Supplement: Size-Dependent Super-Piezoelectricity in Nanostructures

DIVISION OF RESEARCH**Biology of Behavior Institute**

Investigator: Cole, Blaine J. Dr. 25%
Award Amount: \$22,461.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

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DIVISION OF RESEARCH**Biology of Behavior Institute**

Investigator: Wiernasz, Diane Dr. 25%
Award Amount: \$22,461.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

Center for Advanced Materials

Investigator: Ignatiev, Alex Dr. 10%
Award Amount: \$14,996.10
Cost Center: 00730 / 5013 / H0453 / B0001 / G102472 / 50751
Agency: Houston Area Research Council
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 1/1/2012 to 11/30/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research in Advanced Antireflective Coatings and Solar cells for Marine Environment

Investigator: Freundlich, Alexandre Dr. 60%
Award Amount: \$89,976.60
Cost Center: 00730 / 5013 / H0453 / B0001 / G102472 / 50751
Agency: Houston Area Research Council
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 1/1/2012 to 11/30/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research in Advanced Antireflective Coatings and Solar cells for Marine Environment

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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

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$70,887.00
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 9/30/2012
CFDA: 47.040 Computer and Information Science and Engineering
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation of the OpenSHMEM API for the HPC community and Chapel Environment Maturation

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

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DIVISION OF RESEARCH**Office of Contracts and Grants**

Investigator: Rymer, Beverly Ms. 100%
Award Amount: \$157,246.00
Cost Center: 00730 / 5022 / H0107 / B0001 / G003290 / 15332
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/1989 to 5/31/2012
CFDA: DELETE Non-Federal activity
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Welch Chair in Science Control Account

TcSUH

Investigator: Wosik, Jarek Dr. 30%
Award Amount: \$8,842.20
Cost Center: 00730 / 5021 / H0452 / B0001 / G105164 / 50727
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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: Brazdeikis, Audrius Prof. 42%
Award Amount: \$12,379.08
Cost Center: 00730 / 5021 / H0452 / B0001 / G105164 / 50727
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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

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New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2012 - Received during APRIL

DIVISION OF RESEARCH**TcSUH**

Investigator: Brazdeikis, Audrius Prof. 42%
Award Amount: \$14,147.28
Cost Center: 00730 / 5021 / H0452 / B0001 / G105163 / 50728
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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: \$10,105.20
Cost Center: 00730 / 5021 / H0452 / B0001 / G105163 / 50728
Agency: The Methodist Hospital
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2012
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: Brankovic, Stanko Dr. 30%
Award Amount: \$32,203.50
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

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

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

Investigator: Cirino, Paul Dr. 10%
Award Amount: \$2,545.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G096313 / 44890
Agency: Vanderbilt University
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 12/1/2008 to 11/30/2012
CFDA: 93.333 Clinical Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Calculations, Word Problems, and Algebraic Cognition

Investigator: Cirino, Paul Dr. 5%
Award Amount: \$20,377.10
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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
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DIVISION OF RESEARCH**Texas Learning/Computation Center**

Investigator: Tolar, Tammy Dr. 5%
Award Amount: \$20,377.10
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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: Fletcher, Jack Dr. 10%
Award Amount: \$4,018.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G101829 / 50853
Agency: George Washington University
Pass_Thru Agency: National Institute of Child Health and Human Development
Agency Type: FEDERAL
Duration: 8/1/2011 to 6/30/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Follow-up of Children Enrolled in the Management of Myelomeningocele Study

TIMES

Investigator: Cirino, Paul Dr. 70%
Award Amount: \$17,820.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G096313 / 44890
Agency: Vanderbilt University
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 12/1/2008 to 11/30/2012
CFDA: 93.333 Clinical Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Calculations, Word Problems, and Algebraic Cognition

UNIVERSITY OF HOUSTON
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Fiscal Year 2012 - Received during APRIL

DIVISION OF RESEARCH**TIMES**

Investigator: Cirino, Paul Dr. 35%
Award Amount: \$142,639.70
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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: Tolar, Tammy Dr. 35%
Award Amount: \$142,639.70
Cost Center: 00730 / 5013 / H0288 / B0001 / G101915 / 48475
Agency: Institute of Educational Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2013
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: Fletcher, Jack Dr. 60%
Award Amount: \$24,109.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G101829 / 50853
Agency: George Washington University
Pass_Thru Agency: National Institute of Child Health and Human Development
Agency Type: FEDERAL
Duration: 8/1/2011 to 6/30/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Follow-up of Children Enrolled in the Management of Myelomeningocele Study

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Division of Research
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GRADUATE COLLEGE OF SOCIAL WORK

Center for Health Equities & Evaluation Research

Investigator: Jones, Lovell Dr. 100%
Award Amount: \$35,000.00
Cost Center: 00730 / 5021 / H0662 / B0001 / G105211 / 50814
Agency: Baylor College of Medicine
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 4/1/2012 to 8/1/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Regional Meeting on the Minority and Medically Underserved and Cancer

Investigator: Jones, Lovell Dr. 100%
Award Amount: \$52,873.00
Cost Center: 00730 / 5013 / H0662 / B0001 / G105168 / 50730
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/12/2012 to 8/31/2012
CFDA: 93.393 Cancer Cause and Prevention Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Regional Symposia on Minorities, The Medically Underserved & Cancer

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VICE PRESIDENT FOR STUDENT AFFAIRS

Vice President, Student Affairs

Investigator: Howard, Sherry Ms. 100%
Award Amount: \$236,559.00
Cost Center: 00730 / 5013 / H0205 / C0001 / G099200 / 47389
Agency: U.S. Department of Education
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2010 to 9/30/2012
CFDA: 84.335 Discretionary Grants for Institutions of Higher Education
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Child Care Access Means Parents in School

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$4,763,559.05
State Funding: \$241,567.00
Local Funding: \$0.00
Profit Funding: \$544,735.00
Non Profit Funding: \$49,555.95
Foundation Funding: \$500,815.46
University Funding: \$35,000.00
Total: **\$6,135,232.46**