

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2013 - Received during JUNE

C.T. BAUER COLLEGE OF BUSINESS

Small Business Development Center

Investigator: Young, Frederick Dr. 100%
Award Amount: \$1,306,187.00
Cost Center: 00730 / 5013 / H0053 / B0001 / G105597 / 51948
Agency: U.S. Small Business Administration
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2012 to 9/30/2013
CFDA: 59.037 Small Business Development Center
CB Designation: Non Research
Project Type: Co-Op Agreement - Research
Project Title: Small Business Development Center

COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Hawkins, Jacqueline Dr. 10%
Award Amount: \$963.60
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

Investigator: White, Cathryn Dr. 10%
Award Amount: \$963.60
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

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COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Arbona, Consuelo Dr. 100%
Award Amount: \$7,014.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G106658 / 52814
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 3/1/2013 to 5/31/2013
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement for Several Projects:
1. BEHAVIORAL TREATMENT OF ANXIETY IN PARKINSON'S DISEASE (BEHTA-PD): A PILOT STUDY
2. CBT FOR LATE-LIFE GAD IN PRIMARY CARE: ENHANCING OUTCOMES AND TRANSLATIONAL

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

Investigator: Kanellos, Nicolas Dr. 100%
Award Amount: \$33,200.00
Cost Center: 00730 / 5021 / H0093 / C0001 / C105115 / 52273
Agency: The Houston Arts Alliance
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 7/1/2012 to 6/30/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: General Operation Support 2013

Blaffer Gallery

Investigator: Schmuckli, Claudia Ms. 100%
Award Amount: \$5,132.00
Cost Center: 00730 / 5016 / H0097 / C0001 / C105067 / 52602
Agency: Texas Commission on the Arts
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Arts Create

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

Investigator: Maher, Lynn Dr. 100%
Award Amount: \$54,922.00
Cost Center: 00730 / 5021 / H0087 / C0001 / C106344 / 53316
Agency: United Way of Greater Houston
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2013 to 12/31/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: United Way Support for Services: 2013

Investigator: Ivey, Michelle Dr. 25%
Award Amount: \$2,409.00
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

Economics

Investigator: Gregory, Paul R. Dr. 100%
Award Amount: \$5,000.00
Cost Center: 00730 / 5021 / H0122 / C0001 / G103665 / 49578
Agency: Charles G. Koch Charitable Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2011 to 8/31/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Lecture Series: Russian and Chinese Development

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**Modern/Classical Languages**

Investigator: Due-Hackney, Casey Dr. 100%
Award Amount: \$276,115.00
Cost Center: 00730 / 5013 / H0092 / B0100 / G104682 / 53054
Agency: National Endowment for the Humanities
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2013 to 5/31/2016
CFDA: 45.161 Promotion of the Humanities-Research (B)
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Editing as a Discovery Process: Accessing centuries of scholarship in one 10th century manuscript of the Iliad

Psychology

Investigator: Zvolensky, Michael Dr. 50%
Award Amount: \$6,761.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G103471 / 50390
Agency: National Institute on Drug Abuse
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/1/2012 to 2/28/2014
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Augmenting Smoking Cessation with Transdiagnostic CBT for Smokers with Anxiety

Investigator: Spitzmueller, Christiane Dr. 100%
Award Amount: \$5,400.00
Cost Center: 00730 / 5021 / H0125 / B0001 / G106621 / 53150
Agency: INGAA Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 1/30/2013 to 6/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Assessing Incident Rates Among INGAA Foundation Member Organizations

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

Investigator: Francis, David Dr. 3%

Award Amount: \$2,531.31

Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978

Agency: National Institute of Child Health and Human Development

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 12/1/2011 to 11/30/2016

CFDA: 93.865 Center for Research for Mothers and Children

CB Designation: Restricted Research

Project Type: Grant - Research

Project Title: Learning Disabilities Research Center

Investigator: Norton, Peter Dr. 50%

Award Amount: \$6,761.00

Cost Center: 00730 / 5013 / H0125 / B0001 / G103471 / 50390

Agency: National Institute on Drug Abuse

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 3/1/2012 to 2/28/2014

CFDA: 93.279 Drug Abuse Research Programs

CB Designation: Restricted Research

Project Type: Grant - Research

Project Title: Augmenting Smoking Cessation with Transdiagnostic CBT for Smokers with Anxiety

Investigator: Vincent, John P. Dr. 100%

Award Amount: \$3,035.00

Cost Center: 00730 / 5043 / H0125 / B0001 / G104485 / 49941

Agency: Baylor College of Medicine

Pass_Thru Agency: National Institutes of Health

Agency Type: FEDERAL

Duration: 9/1/2011 to 6/30/2013

CFDA: 93.242 Mental Health Research Grants

CB Designation: Restricted Research

Project Type: Contract - Research

Project Title: Lisa Hughes Graduate Student Placement: CBT for Late-Life GAD in Primary Care: Enhancing Outcomes and Translational Value

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

Investigator: Sharp, Carla Dr. 100%
Award Amount: \$19,748.00
Cost Center: 00730 / 5021 / H0125 / B0001 / C106099 / 53356
Agency: American Psychoanalytic Association
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 5/1/2013 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The effects of exogenous oxytocin on mentalizing and the moderating role of attachment security in adolescents with borderline traits

Investigator: Fletcher, Jack Dr. 10%
Award Amount: \$963.60
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

Investigator: Stuebing, Karla Dr. 3%
Award Amount: \$2,531.31
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

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

Investigator: Fletcher, Jack Dr. 22%
Award Amount: \$18,562.94
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

Investigator: Cirino, Paul Dr. 3%
Award Amount: \$2,531.31
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

Investigator: Farris, Samantha Ms. 100%
Award Amount: \$32,173.00
Cost Center: 00730 / 5013 / H0125 / B0100 / G105631 / 52916
Agency: National Institute on Drug Abuse
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2015
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Panic-Relevant Sensations and Smoking Motivation

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

Investigator: Ha, Carolyn 100%
Award Amount: \$34,471.00
Cost Center: 00730 / 5013 / H0125 / B0100 / G105728 / 52922
Agency: National Institute of Mental Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2013 to 5/31/2015
CFDA: 93.242 Mental Health Research Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: The Effects of Intranasal Oxytocin on Social Cognitive Functioning in Adolescents with Borderline Personality Disorder compared to a sample of Non-clinical Adolescents

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

Investigator: Ziburkus, Jokubas Dr. 100%
Award Amount: \$14,271.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G105335 / 51315
Agency: Penn State Hershey College of Medicine
Pass_Thru Agency: National Institute of Biomedical Imaging and Bioengineering
Agency Type: FEDERAL
Duration: 6/1/2012 to 7/31/2013
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CRCNS: Collaborative Research: Model-Based Control Of Spreading Depression

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$4,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G106982 / 53243
Agency: American Heart Association-SouthWest Affiliate
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2013 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Using ETS factor to generate cardiac progenitor cells

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

Investigator: Strych, Ulrich Dr. 16.5%
Award Amount: \$4,125.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C105846 / 53075
Agency: Med Center labs
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of real-time PCR primers for bacterial urinary tract infection organisms

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$40,000.00
Cost Center: 00730 / 5015 / H0104 / B0001 / G106947 / 53328
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: National Cancer Institute
Agency Type: FEDERAL
Duration: 5/1/2013 to 3/31/2014
CFDA: 93.393 Cancer Cause and Prevention Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Roles of p63 in regulation of microRNA and LincRNA targets in metastatic cancer

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$1,053.12
Cost Center: 00730 / 5015 / H0104 / B0001 / G106955 / 53195
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Cole, Blaine J. Dr. 25%
Award Amount: \$22,109.75
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
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: Wiernasz, Diane Dr. 25%
Award Amount: \$22,109.75
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
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: Widger, William R. Dr. 50%
Award Amount: \$5,000.00
Cost Center: 00730 / 5022 / H0104 / B0001 / C107053 / 53332
Agency: ChemTreat, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 4/1/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Analysis of Industrial Metagenomics and Analysis of Bacterial-Induced Corrosion and Biofouling

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

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$119,029.00
Cost Center: 00730 / 5018 / H0104 / B0001 / G106550 / 52662
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2012 to 11/30/2013
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

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$10,794.80
Cost Center: 00730 / 5015 / H0070 / B0001 / G106613 / 52696
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 8%
Award Amount: \$14,480.80
Cost Center: 00730 / 5015 / H0067 / B0001 / G106741 / 52882
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Center for Nuclear Receptors and Cell Signaling**

Investigator: Frigo, Daniel Dr. 100%
Award Amount: \$17,625.00
Cost Center: 00730 / 5013 / H0515 / B0001 / G103369 / 51028
Agency: National Cancer Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/14/2012 to 4/30/2014
CFDA: 93.393 Cancer Cause and Prevention Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Modulation of Branched-Chain Fatty Acids for the Prevention of Prostate Cancer

Chemistry

Investigator: Gilbertson, Scott Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5016 / H0107 / B0001 / G104349 / 49959
Agency: Methodist Hospital Research Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2011 to 1/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Design and Synthesis of PPAR-gamma inhibitors

Investigator: Guloy, Arnold M. Dr. 17.5%
Award Amount: \$3,991.58
Cost Center: 00730 / 5013 / H0112 / B0001 / G105456 / 51499
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2012 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Layered two-dimensional nanostructures as the building blocks for high frequency nano-electronic devices

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Meen, James Dr. 30%
Award Amount: \$7,800.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G106026 / 52087
Agency: Clarkson Aerospace Corporation
Pass_Thru Agency: U.S. Air Force
Agency Type: FEDERAL
Duration: 10/1/2012 to 11/29/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Minority Leaders Program, Materials and Manufacturing Nanotechnology Research

Investigator: Thummel, Randolph P. Dr. 100%
Award Amount: \$170,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G102386 / 49348
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2011 to 6/30/2014
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Further Studies on Photocatalytic Water Decomposition

Computer Science

Investigator: Cheng, Albert M. K. Dr. 100%
Award Amount: \$16,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G106930 / 53238
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/17/2013 to 8/31/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SHF: Small: Real-Time Scheduling and Analysis of Functional Reactive Systems

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

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$21,500.00
Cost Center: 00730 / 5043 / H0546 / B0001 / G105937 / 51951
Agency: UT-Battelle, LLC
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 11/1/2012 to 9/30/2013
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: OpenSHMEM: Support for Standardization Effort, Enhanced Reference Implementation, and Publication of Standard

Investigator: Fofanov, Yuriy Dr. 25%
Award Amount: \$2,500.00
Cost Center: 00730 / 5022 / H0104 / B0001 / C107053 / 53332
Agency: ChemTreat, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 4/1/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Analysis of Industrial Metagenomics and Analysis of Bacterial-Induced Corrosion and Biofouling

Earth & Atmospheric Sciences

Investigator: Choi, Yunsoo 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5021 / H0109 / B0001 / C106814 / 53348
Agency: Korean Institute of Atmospheric Prediction Systems
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/18/2013 to 12/16/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Chemistry and Transport Module in numerical weather prediction

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

Investigator: Sager, William 100%
Award Amount: \$38,734.00
Cost Center: 00730 / 5015 / H0109 / B0001 / G106964 / 53252
Agency: Texas A&M University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 6/1/2013 to 7/31/2013
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement: "Collaborative Research: Geophysical Constraints on Mechanisms of Ocean Plateau Formation from Shatsky Rise, Northwest Pacific"

Investigator: Fu, Qi 100%
Award Amount: \$88,487.73
Cost Center: 00730 / 5013 / H0109 / B0001 / G106516 / 53033
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/25/2013 to 4/24/2014
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Experimental Investigations on Reaction Pathways and Isotope Signatures of Abiotic Organic Synthesis in Hydrothermal Systems

Investigator: Lefer, Barry Dr. 48%
Award Amount: \$72,847.68
Cost Center: 00730 / 5021 / H0429 / B0001 / G106085 / 53151
Agency: Rice University
Pass_Thru Agency: Houston Endowment, Inc.
Agency Type: FOUNDATION
Duration: 4/3/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Houston Aerosol Characterization and Health Experiment (HACHE)

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

Investigator: Mann, Paul Dr. 100%
Award Amount: \$240,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / G103956 / 49251
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2011 to 6/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Institute for Climate and Atmospheric Science

Investigator: Lefer, Barry Dr. 48%
Award Amount: \$72,847.68
Cost Center: 00730 / 5021 / H0429 / B0001 / G106085 / 53151
Agency: Rice University
Pass_Thru Agency: Houston Endowment, Inc.
Agency Type: FOUNDATION
Duration: 4/3/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Houston Aerosol Characterization and Health Experiment (HACHE)

Mathematics

Investigator: Paulsen, Vern I. Dr. 100%
Award Amount: \$72,029.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102458 / 49356
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Tensor Products of Operator Systems and the Kadison-Singer Problem

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Mathematics**

Investigator: Nicol, Matthew Dr. 100%
Award Amount: \$53,377.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102474 / 49107
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2011 to 7/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Statistical properties of dynamical systems: large deviations, extremes, return time statistics and dynamical Borel-Cantelli lemmas.

Investigator: Canic, Suncica Dr. 100%
Award Amount: \$204,577.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G106029 / 53369
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2013 to 5/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Coupled fluid-multi-layered-structure interaction problems

Physics

Investigator: Ren, Zhifeng Dr. 50%
Award Amount: \$110,625.00
Cost Center: 00730 / 5013 / H0452 / B0001 / G106779 / 53093
Agency: Ohio State University
Pass_Thru Agency: U.S. Air Force
Agency Type: FEDERAL
Duration: 1/1/2013 to 9/14/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: MURI: Cryogenic Peltier Cooling

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Hor, Pei-Herng Dr. 50%
Award Amount: \$25,612.28
Cost Center: 00730 / 5021 / H0112 / B0001 / G100470 / 45459
Agency: St. Luke's Episcopal Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2009 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Simulation & Optimization of High Intensity Focus Ultrasound Surgery

Investigator: Bassler, Kevin E. Dr. 60%
Award Amount: \$66,990.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104757 / 51548
Agency: University of Notre Dame
Pass_Thru Agency: Defense Advanced Research Projects Agency
Agency Type: FEDERAL
Duration: 8/1/2012 to 1/1/2014
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ensemble-Based Modeling of Large Graphs and Its Applications to Social Networks

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$95,533.53
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 9/30/2013
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

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New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2013 - Received during JUNE

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Peng, Haibing Dr. 32.5%
Award Amount: \$7,412.93
Cost Center: 00730 / 5013 / H0112 / B0001 / G105456 / 51499
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2012 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Layered two-dimensional nanostructures as the building blocks for high frequency nano-electronic devices

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$42,000.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106958 / 53367
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Office of Scientific Research
Agency Type: FEDERAL
Duration: 6/3/2013 to 12/31/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Spatiotemporal Nonlinear Data Analysis Tools and Reduced Order Models (ROM) for Prediction of High-Pressure Reacting Flow Dynamics and Control

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$69,764.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106942 / 53260
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Office of Scientific Research
Agency Type: FEDERAL
Duration: 5/3/2013 to 5/4/2015
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: High-Bandwidth Laser-Based Measurements and Modeling for Thermo-acoustic Instabilities in High-Pressure Combustors for Aerospace Fuels and Emerging Alternatives

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Nichols, Jason Dr. 100%
Award Amount: \$1,080.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G106781 / 52936
Agency: Allergan, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/5/2013 to 10/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: 10077X-001 : A Multi-center, Double-masked, Randomized, Parallel Group Investigation to Compare an Investigational Eye Drop Formulation with Refresh Contacts with Used for 90 Days with Hydrogel, Silicone Hydrogel and Rigid Gas Permeable Lenses

Investigator: Frishman, PhD, Laura J. Dr. 100%
Award Amount: \$106,240.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G106824 / 52949
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2013 to 3/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Short-term Training in Health Professional Schools

Investigator: Chino, Yuzo M. Dr. 65%
Award Amount: \$11,700.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

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New/Continuation Sponsored Research Grants and Contracts
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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Wensveen, Janice Dr. 25%
Award Amount: \$4,500.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Smith III, Earl L. Dr. 5%
Award Amount: \$900.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Harwerth, Ronald S. Dr. 5%
Award Amount: \$900.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

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COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Coyle, Elizabeth Dr. 25%
Award Amount: \$4,225.00
Cost Center: 00730 / 5016 / H0118 / B0001 / G105669 / 53337
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Theravance, Inc
Agency Type: PROFIT
Duration: 7/9/2012 to 3/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: In vitro Bactericidal Activity of Telavancin against Gram-positive Clinical Isolates from a Cancer Center

Investigator: Garey, Kevin Dr. 50%
Award Amount: \$66,672.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C105839 / 52199
Agency: Merck & Co. Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 11/7/2012 to 11/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Development and validation of Clostridium difficile infection health-related quality of life instrument

Investigator: Shah, Dhara Dr. 50%
Award Amount: \$66,672.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C105839 / 52199
Agency: Merck & Co. Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 11/7/2012 to 11/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Development and validation of Clostridium difficile infection health-related quality of life instrument

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COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Prince, Randall A. Dr. 75%
Award Amount: \$12,675.00
Cost Center: 00730 / 5016 / H0118 / B0001 / G105669 / 53337
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Theravance, Inc
Agency Type: PROFIT
Duration: 7/9/2012 to 3/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: In vitro Bactericidal Activity of Telavancin against Gram-positive Clinical Isolates from a Cancer Center

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

Investigator: Queen, Courtney Dr. 100%
Award Amount: \$8,240.44
Cost Center: 00730 / 5013 / H0469 / B0001 / G104217 / 51661
Agency: Baylor College of Medicine
Pass_Thru Agency: U.S. Army Medical Research and Material Command
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 12.A45 Self-Adaptive Processing Systems
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A translational approach to validate in-vivo anti-tumor effects of chloroquine on breast cancer risk

Engineering Technology

Investigator: Gurkan, Deniz Dr. 100%
Award Amount: \$54,936.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G105049 / 52891
Agency: University of Massachusetts Amherst
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 10/1/2012 to 9/30/2013
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Physical Layer Measurement Abstractions for GENI Instrumentation and Measurement Framework

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COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Gurkan, Deniz Dr. 100%
Award Amount: \$33,821.00
Cost Center: 00730 / 5022 / H0139 / B0001 / C106373 / 52732
Agency: vArmour Networks, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/15/2013 to 12/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigation of Performance: Distributed Security Policy Enforcement Engine (vArmour) over Research Testbeds with OpenFlow Slices

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Larin, Kirill Dr. 100%
Award Amount: \$379,635.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G103851 / 51329
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2012 to 5/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Optical Coherence Elastography of the Cornea

Investigator: Birla, Ravi Mr. 100%
Award Amount: \$275,527.00
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

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CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Akay, Metin Dr. 100%
Award Amount: \$2,000.00
Cost Center: 00730 / 5021 / H0071 / H0001 / C106870 / 53176
Agency: American Heart Association - National Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2013 to 10/31/2013
CFDA:
CB Designation: Non Research
Project Type: Grant - Scholarship/Fellowship
Project Title: Allison Post: Scholarship in Cardiovascular Disease and Stroke

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

Center for Integrated Bio and Nano Systems

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$36,202.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G106741 / 52882
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$18,101.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G106741 / 52882
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$26,987.00
Cost Center: 00730 / 5015 / H0070 / B0001 / G106613 / 52696
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$13,493.50
Cost Center: 00730 / 5015 / H0070 / B0001 / G106613 / 52696
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Yao, Yan Dr. 20%
Award Amount: \$1,000.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C106230 / 53244
Agency: Oak Ridge Associated Universities
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Understanding the High Efficiency Origin of Two-Dimensional Conjugated Polymer Based Solar Cells

Investigator: Willson, Richard C. Dr. 10%
Award Amount: \$1,316.40
Cost Center: 00730 / 5015 / H0104 / B0001 / G106955 / 53195
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Ruchhoeft, Paul Dr. 20%
Award Amount: \$2,632.80
Cost Center: 00730 / 5015 / H0104 / B0001 / G106955 / 53195
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$32,480.00
Cost Center: 00730 / 5018 / H0067 / B0001 / G103810 / 53089
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: T-Cell Therapy After Hematopoietic Stem Cell Transplantation

Investigator: Holley, Thomas Dr. 100%
Award Amount: \$3,940.00
Cost Center: 00730 / 5021 / H0067 / B0001 / C106750 / 53159
Agency: Pandit Deendayal Petroleum University (PDU)
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2013 to 6/22/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Study in Houston 2013

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$74,214.10
Cost Center: 00730 / 5015 / H0067 / B0001 / G106741 / 52882
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

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

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$55,323.35
Cost Center: 00730 / 5015 / H0070 / B0001 / G106613 / 52696
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Harold, Michael Dr. 50%
Award Amount: \$99,809.50
Cost Center: 00730 / 5022 / H0067 / B0001 / C106599 / 53225
Agency: Honda Motor Co. Ltd.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Lean NOx Reduction Using Series LNT + SCR: Performance, Mechanism and Reaction Pathway Study

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Luss, Dan Dr. 50%
Award Amount: \$99,809.50
Cost Center: 00730 / 5022 / H0067 / B0001 / C106599 / 53225
Agency: Honda Motor Co. Ltd.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Lean NOx Reduction Using Series LNT + SCR: Performance, Mechanism and Reaction Pathway Study

Investigator: Economou, Demetre J. Dr. 50%
Award Amount: \$71,200.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G104466 / 50389
Agency: Tokyo Electron America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2010 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Diagnostics of an RLSA Plasma Source

Investigator: Donnelly, Vincent Dr. 50%
Award Amount: \$71,200.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G104466 / 50389
Agency: Tokyo Electron America
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2010 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Diagnostics of an RLSA Plasma Source

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$225,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / C106044 / 53060
Agency: Melanoma Research Alliance
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 5/1/2013 to 4/30/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantitative single-cell biomarkers for melanoma immunotherapy

Investigator: Stein, Gila Dr. 100%
Award Amount: \$200,748.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G104102 / 50569
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2012 to 5/31/2017
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Controlling the Morphology of Polymer/Fullerene Solar Cells

Investigator: Strych, Ulrich Dr. 16.5%
Award Amount: \$4,125.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C105846 / 53075
Agency: Med Center labs
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of real-time PCR primers for bacterial urinary tract infection organisms

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Willson, Richard C. Dr. 34%
Award Amount: \$8,500.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C105846 / 53075
Agency: Med Center labs
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of real-time PCR primers for bacterial urinary tract infection organisms

Investigator: Willson, Richard C. Dr. 100%
Award Amount: \$38,290.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G106956 / 53194
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: WRCE Diagnostics Development Core

Investigator: Kourentzi, Ekaterini Dr. 33%
Award Amount: \$8,250.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C105846 / 53075
Agency: Med Center labs
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 3/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of real-time PCR primers for bacterial urinary tract infection organisms

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Willson, Richard C. Dr. 41%
Award Amount: \$5,397.24
Cost Center: 00730 / 5015 / H0104 / B0001 / G106955 / 53195
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Robertson, Megan Prof. 100%
Award Amount: \$5,000.00
Cost Center: 00730 / 5015 / H0067 / B0001 / G105733 / 52245
Agency: University of Texas at Austin
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2014
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Advanced Epoxy Resins for Space Applications

Civil Engineering

Investigator: Glennie, Craig Dr. 10%
Award Amount: \$7,992.20
Cost Center: 00730 / 5013 / H0068 / B0001 / G106787 / 53242
Agency: Morehead State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 2/1/2013 to 8/31/2013
CFDA: 47.075 Social, Behavioral, and Economic Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mayapan LiDAR Mapping Project

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Shrestha, Ramesh Dr. 60%
Award Amount: \$47,953.20
Cost Center: 00730 / 5013 / H0068 / B0001 / G106787 / 53242
Agency: Morehead State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 2/1/2013 to 8/31/2013
CFDA: 47.075 Social, Behavioral, and Economic Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mayapan LiDAR Mapping Project

Investigator: Carter, William Dr. 30%
Award Amount: \$23,976.60
Cost Center: 00730 / 5013 / H0068 / B0001 / G106787 / 53242
Agency: Morehead State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 2/1/2013 to 8/31/2013
CFDA: 47.075 Social, Behavioral, and Economic Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mayapan LiDAR Mapping Project

Investigator: Shrestha, Ramesh Dr. 100%
Award Amount: \$23,168.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G106704 / 52935
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2013 to 9/30/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Characterizing Post-Hurricane Coastal Change: Bathymetry in Galveston Bay Along the Bolivar Peninsula using LIDAR and Hyperspectral Imagery

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Chellam, Shankar Dr. 100%
Award Amount: \$40,000.00
Cost Center: 00730 / 5022 / H0068 / B0001 / C106670 / 52941
Agency: ConocoPhillips
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/11/2013 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SAGD Process Fluids Management Study

Investigator: Chellam, Shankar Dr. 100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G106615 / 53134
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2013 to 4/30/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU supplement to 'Collaborative Research: Shape Effects on Microorganism Removal by Microfiltration and Ultrafiltration Membranes'

Electrical & Computer Engineering

Investigator: Le, Han Quang Dr. 1%
Award Amount: \$1.42
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

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

Investigator: Chen, Ji Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G106823 / 53128
Agency: Sandia National Laboratories
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 5/1/2013 to 9/1/2013
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of Multiple Electromagnetic Sources

Investigator: Jackson, David R. Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G106823 / 53128
Agency: Sandia National Laboratories
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 5/1/2013 to 9/1/2013
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of Multiple Electromagnetic Sources

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$38,012.10
Cost Center: 00730 / 5015 / H0067 / B0001 / G106741 / 52882
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

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

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$28,336.35
Cost Center: 00730 / 5015 / H0070 / B0001 / G106613 / 52696
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: \$13,320.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104795 / 50178
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 5/31/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: HCC: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroprosthetics

Investigator: Yao, Yan Dr. 50%
Award Amount: \$2,500.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C106230 / 53244
Agency: Oak Ridge Associated Universities
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Understanding the High Efficiency Origin of Two-Dimensional Conjugated Polymer Based Solar Cells

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

Investigator: Pei, Shin Shem Dr. 28%
Award Amount: \$39.74
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

Investigator: Long, Stuart A. Dr. 50%
Award Amount: \$51,250.00
Cost Center: 00730 / 5014 / H0070 / C0001 / G106138 / 53055
Agency: Texas Workforce Commission
Pass_Thru Agency: Department of Health and Human Services, Office of Community Services
Agency Type: FEDERAL
Duration: 4/12/2013 to 9/30/2013
CFDA: 93.558 Temporary Assistance for Needy Families
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: UH Engineering Summer Camps: GRADE and MESET

Investigator: Claydon, Frank Dr. 50%
Award Amount: \$51,250.00
Cost Center: 00730 / 5014 / H0070 / C0001 / G106138 / 53055
Agency: Texas Workforce Commission
Pass_Thru Agency: Department of Health and Human Services, Office of Community Services
Agency Type: FEDERAL
Duration: 4/12/2013 to 9/30/2013
CFDA: 93.558 Temporary Assistance for Needy Families
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: UH Engineering Summer Camps: GRADE and MESET

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

Investigator: Chen, Ji Dr. 100%
Award Amount: \$6,400.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C106960 / 53309
Agency: St. Jude Medical
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2013 to 12/12/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: RF-induced heating tests on catheter prototypes

Investigator: Ruchhoeft, Paul Dr. 21%
Award Amount: \$2,764.44
Cost Center: 00730 / 5015 / H0104 / B0001 / G106955 / 53195
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute of Allergy and Infectious Diseases
Agency Type: FEDERAL
Duration: 3/1/2013 to 2/28/2014
CFDA: 93.855 Allergy, Immunology, and Transplantation Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Towards the Development of a Syndrome-Specific Diagnostic Tool

Investigator: Han, Zhu Dr. 100%
Award Amount: \$48,591.00
Cost Center: 00730 / 5021 / H0070 / B0001 / G103074 / 52369
Agency: Qatar National Research Fund
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 4/1/2012 to 3/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Context Aware Framework for Optimized Network Management in 4G Wireless Systems

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CULLEN COLLEGE OF ENGINEERING**Mechanical Engineering**

Investigator: Hadjiev, Viktor Dr. 30%
Award Amount: \$7,200.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G105668 / 52082
Agency: Clarkson Aerospace Corporation
Pass_Thru Agency: U.S. Air Force Research Laboratory
Agency Type: FEDERAL
Duration: 10/1/2012 to 11/29/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: MATERIALS AND MANUFACTURING RESEARCH IN SUPPORT OF AIR FORCE SYSTEMS AND APPLICATIONS: Simulation-Enhanced Raman Microscopy Characterization of Ultra High-Temperature Ceramics (UHTC)

Investigator: White, Kenneth W. Dr. 100%
Award Amount: \$380,529.00
Cost Center: 00730 / 5022 / H0073 / B0001 / C106651 / 53076
Agency: Valvtechnologies, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2013 to 6/1/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: VTI-UH Structural Coating Interface Study

Investigator: Kulkarni, Yashashree Dr. 50%
Award Amount: \$7,500.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G106191 / 52525
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2013 to 1/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: XIIIth Pan American Congress of Applied Mechanics (Houston, May 22-24, 2013): Support for Young Researchers

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CULLEN COLLEGE OF ENGINEERING**Mechanical Engineering**

Investigator: Sharma, Pradeep Dr. 50%
Award Amount: \$7,500.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G106191 / 52525
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2013 to 1/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: XIIIth Pan American Congress of Applied Mechanics (Houston, May 22-24, 2013): Support for Young Researchers

SW Public Safety Technology Center

Investigator: Pei, Shin Shem Dr. 67%
Award Amount: \$95.10
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

Investigator: Le, Han Quang Dr. 1%
Award Amount: \$1.42
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

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DIVISION OF RESEARCH**Biology of Behavior Institute**

Investigator: Wiernasz, Diane Dr. 25%
Award Amount: \$22,109.75
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
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: Cole, Blaine J. Dr. 25%
Award Amount: \$22,109.75
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
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: Le, Han Quang Dr. 1%
Award Amount: \$1.42
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

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DIVISION OF RESEARCH**Center for Advanced Materials**

Investigator: Pei, Shin Shem Dr. 2%
Award Amount: \$2.84
Cost Center: 00730 / 5013 / H0455 / B0001 / G092569 / 38007
Agency: U.S. Department of Justice - National Institute of Justice
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2005 to 9/30/2008
CFDA: 16.560 Justice Research, Development, and Evaluation Project Grants
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Establishment of the Southwest Public Safety Technology Center (SWTC)

Center for Biomedical & Environmental Genomics

Investigator: Fofanov, Yuriy Dr. 25%
Award Amount: \$2,500.00
Cost Center: 00730 / 5022 / H0104 / B0001 / C107053 / 53332
Agency: ChemTreat, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2013 to 4/1/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Analysis of Industrial Metagenomics and Analysis of Bacterial-Induced Corrosion and Biofouling

Investigator: Chapman, Barbara M. Dr. 50%
Award Amount: \$21,500.00
Cost Center: 00730 / 5043 / H0546 / B0001 / G105937 / 51951
Agency: UT-Battelle, LLC
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 11/1/2012 to 9/30/2013
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: OpenSHMEM: Support for Standardization Effort, Enhanced Reference Implementation, and Publication of Standard

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DIVISION OF RESEARCH**TcSUH**

Investigator: Hadjiev, Viktor Dr. 70%
Award Amount: \$16,800.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G105668 / 52082
Agency: Clarkson Aerospace Corporation
Pass_Thru Agency: U.S. Air Force Research Laboratory
Agency Type: FEDERAL
Duration: 10/1/2012 to 11/29/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: MATERIALS AND MANUFACTURING RESEARCH IN SUPPORT OF AIR FORCE SYSTEMS AND APPLICATIONS: Simulation-Enhanced Raman Microscopy Characterization of Ultra High-Temperature Ceramics (UHTC)

Investigator: Peng, Haibing Dr. 32.5%
Award Amount: \$7,412.93
Cost Center: 00730 / 5013 / H0112 / B0001 / G105456 / 51499
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2012 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Layered two-dimensional nanostructures as the building blocks for high frequency nano-electronic devices

Investigator: Ren, Zhifeng Dr. 50%
Award Amount: \$110,625.00
Cost Center: 00730 / 5013 / H0452 / B0001 / G106779 / 53093
Agency: Ohio State University
Pass_Thru Agency: U.S. Air Force
Agency Type: FEDERAL
Duration: 1/1/2013 to 9/14/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: MURI: Cryogenic Peltier Cooling

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DIVISION OF RESEARCH**TcSUH**

Investigator: Guloy, Arnold M. Dr. 17.5%
Award Amount: \$3,991.58
Cost Center: 00730 / 5013 / H0112 / B0001 / G105456 / 51499
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2012 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Layered two-dimensional nanostructures as the building blocks for high frequency nano-electronic devices

Investigator: Hor, Pei-Herng Dr. 50%
Award Amount: \$25,612.28
Cost Center: 00730 / 5021 / H0112 / B0001 / G100470 / 45459
Agency: St. Luke's Episcopal Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/1/2009 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Simulation & Optimization of High Intensity Focus Ultrasound Surgery

Investigator: Bassler, Kevin E. Dr. 40%
Award Amount: \$44,660.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104757 / 51548
Agency: University of Notre Dame
Pass_Thru Agency: Defense Advanced Research Projects Agency
Agency Type: FEDERAL
Duration: 8/1/2012 to 1/1/2014
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ensemble-Based Modeling of Large Graphs and Its Applications to Social Networks

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DIVISION OF RESEARCH**TcSUH**

Investigator: Yao, Yan Dr. 30%
Award Amount: \$1,500.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C106230 / 53244
Agency: Oak Ridge Associated Universities
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Understanding the High Efficiency Origin of Two-Dimensional Conjugated Polymer Based Solar Cells

Investigator: Meen, James Dr. 70%
Award Amount: \$18,200.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G106026 / 52087
Agency: Clarkson Aerospace Corporation
Pass_Thru Agency: U.S. Air Force
Agency Type: FEDERAL
Duration: 10/1/2012 to 11/29/2013
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Minority Leaders Program, Materials and Manufacturing Nanotechnology Research

Texas Learning/Computation Center

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$95,533.53
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 9/30/2013
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

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DIVISION OF RESEARCH**TIMES**

Investigator: Fletcher, Jack Dr. 33%
Award Amount: \$27,844.41
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

Investigator: Stuebing, Karla Dr. 12%
Award Amount: \$10,125.24
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

Investigator: Francis, David Dr. 12%
Award Amount: \$10,125.24
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

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DIVISION OF RESEARCH**TIMES**

Investigator: Cirino, Paul Dr. 12%
Award Amount: \$10,125.24
Cost Center: 00730 / 5013 / H0288 / B0001 / G103717 / 49978
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2011 to 11/30/2016
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Learning Disabilities Research Center

GRADUATE COLLEGE OF SOCIAL WORK**Community Projects - Social Work**

Investigator: Steinberg, Catherine Dr. 25%
Award Amount: \$2,409.00
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

Dean, Social Work

Investigator: Colby, Ira Dr. 10%
Award Amount: \$963.60
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2013 - Received during JUNE

HONORS COLLEGE

Dean, Honors College

Investigator: Price, Daniel Dr. 4%
Award Amount: \$6,070.64
Cost Center: 00730 / 5021 / H0429 / B0001 / G106085 / 53151
Agency: Rice University
Pass_Thru Agency: Houston Endowment, Inc.
Agency Type: FOUNDATION
Duration: 4/3/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Houston Aerosol Characterization and Health Experiment (HACHE)

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

KUHF - Radio

Investigator: Shumate, Lisa Trapani Ms. 100%
Award Amount: \$18,972.00
Cost Center: 00730 / 5021 / H0018 / C0001 / C106125 / 52271
Agency: Corporation for Public Broadcasting
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2012 to 9/30/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Radio Community Service Grant FY2013

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UH LAW CENTER

Law-UH

Investigator: Roberts, Jessica Ms. 10%
Award Amount: \$963.60
Cost Center: 00730 / 5015 / H0087 / B0001 / G106839 / 52975
Agency: University of Texas Medical School at Houston
Pass_Thru Agency: Health Resources and Services Administration
Agency Type: FEDERAL
Duration: 7/1/2012 to 5/31/2013
CFDA: 93.110 Maternal and Child Health Federal Consolidated Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LoneStar Leadership Education in Neurodevelopmental and Related Disabilities (LEND)

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$5,032,387.16
State Funding: \$156,641.00
Local Funding: \$0.00
Profit Funding: \$1,228,693.00
Non Profit Funding: \$545,466.56
Foundation Funding: \$210,757.00
University Funding: \$8,940.00
Total: **\$7,182,884.72**