

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

Investigator: Kosten, Therese Dr. 50%
Award Amount: \$109,983.50
Cost Center: 00730 / 5013 / H0125 / B0001 / G108951 / 56381
Agency: National Institute on Alcohol Abuse and Alcoholism
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/28/2014 to 8/31/2016
CFDA: 93.273 Alcohol Research Programs
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Target Validation Core Rats

Investigator: Woods, Steven Dr. 100%
Award Amount: \$21,812.04
Cost Center: 00730 / 5022 / H0125 / B0100 / G110770 / 58011
Agency: Houston Neuropsychology Group
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2015 to 8/31/2016
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-Houston Neuropsychology Group-Largen/Davis

Investigator: Zvolensky, Michael Dr. 100%
Award Amount: \$35,359.00
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 8/31/2016
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Panic-Relevant Sensations and Smoking Motivation

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Psychology**

Investigator: Woods, Steven Dr. 100%
Award Amount: \$21,648.00
Cost Center: 00730 / 5013 / H0125 / B0100 / G110773 / 58016
Agency: Michael E. DeBakey Veterans Affairs Medical Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 64.033 VA Supportive Services for Veteran Families Program
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-Michael E. DeBakey Veterans Affairs Medical Center, Neurology Care Line-Collins

Investigator: Woods, Steven Dr. 100%
Award Amount: \$11,443.00
Cost Center: 00730 / 5021 / H0125 / B0100 / G110772 / 58018
Agency: The Methodist Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2015 to 8/31/2016
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-The Methodist Hospital-Dulay/Podell

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

Investigator: Garbey, Marc Dr. 50%
Award Amount: \$8,800.00
Cost Center: 00730 / 5013 / H0104 / B0100 / G110479 / 57819
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2016 to 1/31/2017
CFDA: 47.079 International Science and Engineering (OISE)
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: 6th Annual International Conference in Computational Surgery and Dual Training: Boreaux.France: Spring/Early Summer 2016

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Do, Loi Dr. 100%
Award Amount: \$55,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108274 / 57635
Agency: American Chemical Society
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2015 to 8/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Upgrading Polyethylene: Copolymerization of Ethylene and Polar Vinyl Monomers Facilitated by Lewis Acid Appended Ni and Pd Catalysts

Investigator: Xu, Shoujun Dr. 60%
Award Amount: \$207,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G109326 / 57787
Agency: NSF/Engineering Science in Electrical, Communications, & Systems Engineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2018
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A high-resolution high-efficiency force spectroscopy for measuring drug-DNA interactions

Computer Science

Investigator: Pandurangan, Gopal Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G109881 / 57763
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2019
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: BSF:2014424:Time-Message Tradeoffs in Distributed Algorithms

UNIVERSITY OF HOUSTON
Division of Research**New/Continuation Sponsored Research Grants and Contracts**
Fiscal Year 2016 - Received during SEPTEMBER**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

Investigator: Deng, Zhigang Dr. 100%
Award Amount: \$397,560.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G109719 / 57864
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2018
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CHS: Small: Digitally Mediated Multi-party Communication: Acquisition, Modeling, and Evaluation

Dean, Natural Sciences and Mathematics

Investigator: Hardy, John Dr. 50%
Award Amount: \$39,719.50
Cost Center: 00730 / 5015 / H0102 / B0001 / G107891 / 56315
Agency: Texas Southern University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2016
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Houston-Louis Stokes Alliance for Minority Participation: Senior Alliance

Investigator: Wells, Dan E. Dr. 50%
Award Amount: \$39,719.50
Cost Center: 00730 / 5015 / H0102 / B0001 / G107891 / 56315
Agency: Texas Southern University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 9/1/2014 to 8/31/2016
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Houston-Louis Stokes Alliance for Minority Participation: Senior Alliance

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Earth & Atmospheric Sciences**

Investigator: Mann, Paul Dr. 100%
Award Amount: \$150,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C106782 / 52937
Agency: Consortium Members - For Profit
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2012 to 8/31/2018
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Investigator: Khan, Shuhab Dr. 100%
Award Amount: \$55,896.00
Cost Center: 00730 / 5013 / H0109 / B0001 / C106421 / 54164
Agency: National Academy of Sciences
Pass_Thru Agency: U. S. Agency for International Development
Agency Type: FEDERAL
Duration: 10/1/2013 to 9/30/2016
CFDA: 98.001 US Agency for International Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Neotectonic Studies of Chaman Fault W. Pakistan

Mathematics

Investigator: Nicol, Matthew Dr. 100%
Award Amount: \$7,000.00
Cost Center: 00730 / 5021 / H0110 / B0001 / C109465 / 57436
Agency: The Simons Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2015 to 8/31/2020
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Statistical properties of stationary and sequential dynamical systems

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

Investigator: Ratti, Claudia Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G109333 / 57872
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2018
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Crossover phenomena in the deconfinement transition of QCD on the lattice and in heavy-ion collisions at RHIC and the LHC

Investigator: Cheung, Margaret Dr. 65%
Award Amount: \$161,928.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G102142 / 49699
Agency: National Institute of General Medical Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 8/31/2016
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Manipulating Signaling Proteins for Target Binding and Recognition

COLLEGE OF OPTOMETRY**Optometry Vision Sciences**

Investigator: Harwerth, Ronald S. Dr. 100%
Award Amount: \$368,725.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G104488 / 51914
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2012 to 8/31/2017
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Behavioral Measures of Vision

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****COLLEGE OF OPTOMETRY****Optometry Vision Sciences****Investigator:** Patel, Nimesh Dr. 100%**Award Amount:** \$210,141.00**Cost Center:** 00730 / 5013 / H0114 / B0001 / G102515 / 49291**Agency:** National Eye Institute**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2011 to 8/31/2016**CFDA:** 93.867 Vision Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Retinal Nerve Fiber Layer Area in Aging and Glaucoma**CULLEN COLLEGE OF ENGINEERING****Biomedical Engineering****Investigator:** Omurtag, Ahmet 20%**Award Amount:** \$2,300.00**Cost Center:** 00730 / 5013 / H0070 / B0001 / G109853 / 58006**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/15/2015 to 8/31/2016**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Planning Grant: Collaborative Research: I/UCRC for Building Reliable Advances and Innovation in Neurotechnology (BRAIN)**Center for Integrated Bio and Nano Systems****Investigator:** Bao, Jiming Dr. 8%**Award Amount:** \$114,057.76**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109663 / 57886**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

CULLEN COLLEGE OF ENGINEERING

Center for Integrated Bio and Nano Systems

Investigator: Ruchhoeft, Paul Dr. 14%
Award Amount: \$199,601.08
Cost Center: 00730 / 5013 / H0067 / B0001 / G109663 / 57886
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2019
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

Chemical Engineering

Investigator: Grabow, Lars Dr. 100%
Award Amount: \$201,005.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G109275 / 57875
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2018
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Water-Assisted Oxygen Insertion Reactions Over Supported Gold Catalysts

Investigator: Grabow, Lars Dr. 50%
Award Amount: \$67,953.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G109263 / 57687
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2018
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: UNS:Designing Metal-Exchanged Zeolites with Improved Activity, Selectivity and Stability for Non-Oxidative Methane Upgrade

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CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Rimer, Jeffrey Dr. 50%**Award Amount:** \$67,953.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109263 / 57687**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2018**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** UNS:Designing Metal-Exchanged Zeolites with Improved Activity, Selectivity and Stability for Non-Oxidative Methane Upgrade

Investigator: Donnelly, Vincent Dr. 28%**Award Amount:** \$399,202.16**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109663 / 57886**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

Investigator: Economou, Demetre J. Dr. 28%**Award Amount:** \$399,202.16**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109663 / 57886**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Shrestha, Ramesh Dr. 100%**Award Amount:** \$114,702.00**Cost Center:** 00730 / 5013 / H0068 / B0001 / G109496 / 57802**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2017**CFDA:** 47.075 Social, Behavioral, and Economic Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Collaborative Research: Three Dimensional Landscape Reconstruction For Long Term Land Use Modeling

Investigator: Gencturk, Bora Dr. 33%**Award Amount:** \$30,669.02**Cost Center:** 00730 / 5021 / H0068 / B0001 / G106361 / 54795**Agency:** Qatar National Research Fund**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 5/10/2014 to 5/9/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Rehabilitation of Deteriorated Concrete Infrastructure in Qatar using Shape Memory Alloys for Active Confinement

Investigator: Rifai, Hanadi Dr. 50%**Award Amount:** \$74,874.00**Cost Center:** 00730 / 5043 / H0068 / B0001 / G107433 / 56304**Agency:** Clearview Subsea, LLC**Pass_Thru Agency:** U.S. Department of Energy**Agency Type:** FEDERAL**Duration:** 9/11/2014 to 9/10/2016**CFDA:** 81.089 Fossil Energy Research and Development**CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Measuring Oil Concentration in Subsea Produced Water Discharge

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Rifai, Hanadi Dr. 50%
Award Amount: \$62,500.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G110387 / 57995
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Texas Dissolved Oxygen Evaluation Project

Investigator: Rifai, Hanadi Dr. 50%
Award Amount: \$10,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G110386 / 57994
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs)

Investigator: Rodrigues, Debora Dr. 50%
Award Amount: \$74,874.00
Cost Center: 00730 / 5043 / H0068 / B0001 / G107433 / 56304
Agency: Clearview Subsea, LLC
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 9/11/2014 to 9/10/2016
CFDA: 81.089 Fossil Energy Research and Development
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Measuring Oil Concentration in Subsea Produced Water Discharge

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2016 - Received during SEPTEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Belarbi, Abdeldjelil Dr. 25%**Award Amount:** \$2,475.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G109042 / 56133**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 12/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Dawood, Mina Dr. 50%**Award Amount:** \$4,950.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G109042 / 56133**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 12/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Vipulanandan, Cumaraswamy Di25%**Award Amount:** \$2,475.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G109042 / 56133**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2014 to 12/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Lee, Hyongki Dr. 100%**Award Amount:** \$30,000.00**Cost Center:** 00730 / 5013 / H0068 / B0001 / G109775 / 57622**Agency:** NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2016**CFDA:** 43.001 Aerospace Education Services Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Diffusion Modeling of Water Flow in the central Congo Floodplain using Geodetic and Remote Sensing Measurements

Investigator: Gencturk, Bora Dr. 100%**Award Amount:** \$500,000.00**Cost Center:** 00730 / 5013 / H0068 / B0001 / G108799 / 56676**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2020**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CAREER: Increasing Resiliency and Sustainability of Reinforced Concrete against Aging and Seismic Hazards through Novel Materials

Investigator: Dawood, Mina Dr. 34%**Award Amount:** \$31,598.38**Cost Center:** 00730 / 5021 / H0068 / B0001 / G106361 / 54795**Agency:** Qatar National Research Fund**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 5/10/2014 to 5/9/2016**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Rehabilitation of Deteriorated Concrete Infrastructure in Qatar using Shape Memory Alloys for Active Confinement

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Belarbi, Abdeldjelil Dr. 33%
Award Amount: \$30,669.02
Cost Center: 00730 / 5021 / H0068 / B0001 / G106361 / 54795
Agency: Qatar National Research Fund
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 5/10/2014 to 5/9/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Rehabilitation of Deteriorated Concrete Infrastructure in Qatar using Shape Memory Alloys for Active Confinement

Investigator: Rifai, Hanadi Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G110385 / 57941
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs) for Indicator Bacteria in Mary's Creek Bypass

Electrical & Computer Engineering

Investigator: Contreras-Vidal, Jose Dr. 40%
Award Amount: \$4,600.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G109853 / 58006
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2015 to 8/31/2016
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Planning Grant: Collaborative Research: I/UCRC for Building Reliable Advances and Innovation in Neurotechnology (BRAIN)

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CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Mayerich, David Dr. 20%**Award Amount:** \$2,300.00**Cost Center:** 00730 / 5013 / H0070 / B0001 / G109853 / 58006**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/15/2015 to 8/31/2016**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Planning Grant: Collaborative Research: I/UCRC for Building Reliable Advances and Innovation in Neurotechnology (BRAIN)

Investigator: Chen, Ji Dr. 20%**Award Amount:** \$2,300.00**Cost Center:** 00730 / 5013 / H0070 / B0001 / G109853 / 58006**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/15/2015 to 8/31/2016**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Planning Grant: Collaborative Research: I/UCRC for Building Reliable Advances and Innovation in Neurotechnology (BRAIN)

Investigator: Bao, Jiming Dr. 8%**Award Amount:** \$114,057.76**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109663 / 57886**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering****Investigator:** Ruchhoeft, Paul Dr. 14%**Award Amount:** \$199,601.08**Cost Center:** 00730 / 5013 / H0067 / B0001 / G109663 / 57886**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2019**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** SNM: Massively Parallel Nanopatterning by Print and Repeat Nanopantography with Reusable Stencil Masks

Industrial Engineering**Investigator:** Peng, Jiming Dr. 100%**Award Amount:** \$220,000.00**Cost Center:** 00730 / 5013 / H0072 / B0001 / G109836 / 58022**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2018**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Alternate Direction Method: A New Recipe for Non-convex Quadratic Programming with Applications

SSPEED**Investigator:** Rifai, Hanadi Dr. 50%**Award Amount:** \$62,500.00**Cost Center:** 00730 / 5014 / H0068 / B0001 / G110387 / 57995**Agency:** Texas Commission on Environmental Quality**Pass_Thru Agency:** U.S. Environmental Protection Agency**Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2016**CFDA:** 66.419 Water Pollution Control - State and Interstate Program Support**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Texas Dissolved Oxygen Evaluation Project

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

SSPEED

Investigator: Rifai, Hanadi Dr. 50%
Award Amount: \$10,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G110386 / 57994
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs)

Investigator: Rifai, Hanadi Dr. 50%
Award Amount: \$25,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G110385 / 57941
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2015 to 8/31/2016
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for Total Maximum Daily Loads (TMDLs) for Indicator Bacteria in Mary's Creek Bypass

DIVISION OF RESEARCH

Center for Advanced Computing and Data Systems

Investigator: Garbey, Marc Dr. 50%
Award Amount: \$8,800.00
Cost Center: 00730 / 5013 / H0104 / B0100 / G110479 / 57819
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2016 to 1/31/2017
CFDA: 47.079 International Science and Engineering (OISE)
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: 6th Annual International Conference in Computational Surgery and Dual Training: Boreaux.France: Spring/Early Summer 2016

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****DIVISION OF RESEARCH****Center for Advanced Computing and Data Systems**

Investigator: Cheung, Margaret Dr. 25%
Award Amount: \$62,280.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G102142 / 49699
Agency: National Institute of General Medical Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 8/31/2016
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Manipulating Signaling Proteins for Target Binding and Recognition

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$199,486.00
Cost Center: 00730 / 5013 / H0246 / B0001 / G108741 / 55762
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/1/2014 to 3/31/2018
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research:Full Center Grant:I/UCRC for Cyber-PhysicalSystems for the Hospital Operating Rm

Institute for Molecular Design

Investigator: Cheung, Margaret Dr. 10%
Award Amount: \$24,912.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G102142 / 49699
Agency: National Institute of General Medical Sciences
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 8/31/2016
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Manipulating Signaling Proteins for Target Binding and Recognition

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2016 - Received during SEPTEMBER****DIVISION OF RESEARCH****TcSUH****Investigator:** Xu, Shoujun Dr. 40%**Award Amount:** \$138,000.00**Cost Center:** 00730 / 5013 / H0107 / B0001 / G109326 / 57787**Agency:** NSF/Engineering Science in Electrical, Communications, & Systems Engineering**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2015 to 8/31/2018**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** A high-resolution high-efficiency force spectroscopy for measuring drug-DNA interactions

TIMES**Investigator:** Kosten, Therese Dr. 50%**Award Amount:** \$109,983.50**Cost Center:** 00730 / 5013 / H0125 / B0001 / G108951 / 56381**Agency:** National Institute on Alcohol Abuse and Alcoholism**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 10/28/2014 to 8/31/2016**CFDA:** 93.273 Alcohol Research Programs**CB Designation:** Restricted Research**Project Type:** Co-Op Agreement - Research**Project Title:** Target Validation Core Rats

REPORTING PERIOD ACTIVITY SUMMARY**Federal Funding:** \$5,313,524.00**State Funding:** \$9,900.00**Local Funding:** \$0.00**Profit Funding:** \$171,812.04**Non Profit Funding:** \$66,443.00**Foundation Funding:** \$99,936.42**University Funding:** \$0.00**Total:** \$5,661,615.46