

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****COLLEGE OF EDUCATION****Curriculum and Instruction**

Investigator: Chauvot, Jennifer Dr. 50%
Award Amount: \$224,851.00
Cost Center: 00730 / 5013 / H0062 / B0001 / G104858 / 51667
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mathematical Knowledge for Equitable Teaching: Exploring opportunities to enable Elementary pre-service teachers to develop ambitious and equitable teaching practices in both face to face and online environments project

Investigator: Goffney, Imani Dr. 50%
Award Amount: \$224,851.00
Cost Center: 00730 / 5013 / H0062 / B0001 / G104858 / 51667
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mathematical Knowledge for Equitable Teaching: Exploring opportunities to enable Elementary pre-service teachers to develop ambitious and equitable teaching practices in both face to face and online environments project

Educational Psychology

Investigator: Kubiszyn, Thomas Dr. 100%
Award Amount: \$25,500.00
Cost Center: 00730 / 5021 / H0064 / B0001 / G105615 / 51753
Agency: DePelchin Children's Center
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Diagnostic Assessment and Services - Rachel Halpern

COLLEGE OF EDUCATION

Educational Psychology

Investigator: Wolters, Christopher A. Dr. 100%
Award Amount: \$177,688.00
Cost Center: 00730 / 5013 / H0064 / H0001 / G100825 / 46649
Agency: U.S. Department of Education
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 8/15/2013
CFDA: 84.200 Graduate Assistance in Areas of National Need
CB Designation: Non Research
Project Type: Grant - Scholarship/Fellowship
Project Title: Fellowship in Educational Evaluation, Assessment, and Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Economics

Investigator: Liu, Elaine Dr. 100%
Award Amount: \$25,000.00
Cost Center: 00730 / 5021 / H0122 / B0001 / G104420 / 51337
Agency: Chiang Ching-Kuo Foundation for International Scholarly Exchange
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Non-Cognitive Ability, Trust and Technology Adoption: Evidence from Farmers in Rural China

Psychology

Investigator: Zvolensky, Michael Dr. 100%
Award Amount: \$68,640.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G104389 / 50181
Agency: Southern Methodist University
Pass_Thru Agency: NIH/Division of Research Grants
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2013
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Exercise Intervention for Smoking

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Tian, Siva Dr. 45%
Award Amount: \$11,060.55
Cost Center: 00730 / 5013 / H0288 / B0001 / G104505 / 51659
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: New Developments for Analysis of Two-Way Structured Functional Data

Investigator: Mehta, Paras Dr. 6%
Award Amount: \$59,999.94
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Colbert-Delcour, Anne Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G103305 / 49920
Agency: Research Foundation of the State University of New York
Pass_Thru Agency: National Institute of General Medical Sciences
Agency Type: FEDERAL
Duration: 9/30/2011 to 8/31/2013
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanism of the Usher in Assembly and Secretion of Pili

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Cooper, Tim Dr. 100%
Award Amount: \$37,451.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G104261 / 50001
Agency: University of Canterbury
Pass_Thru Agency: U.S. Army Research Office
Agency Type: FEDERAL
Duration: 10/1/2011 to 9/30/2013
CFDA: 12.431 Basic Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Not different, just better: the adaptive evolution of an enzyme

Investigator: Dryer, Stuart E. Dr. 100%
Award Amount: \$462,412.00
Cost Center: 00730 / 5022 / H0104 / B0001 / C105557 / 51557
Agency: Pfizer, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 10/1/2012 to 9/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Pharmacological characterisation of TRPC6 channels in isolated and recombinant cell lines

Investigator: Roman, Gregg Dr. 55%
Award Amount: \$82,500.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G102906 / 49082
Agency: Defense Advanced Research Projects Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/23/2011 to 12/22/2013
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Critical Examination: Transduction of Molecular Vibrations by Drosophila Odorant Receptors

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Cai, Chengzhi Dr. 20%
Award Amount: \$62,276.20
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

Computer Science

Investigator: Gabriel, Edgar Dr. 100%
Award Amount: \$67,268.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G097543 / 44023
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/15/2009 to 1/31/2014
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: 'CAREER:Dynamic Run-Time Tuning of Parallel, Adaptive and Hybrid Applications'

Investigator: Gabriel, Edgar Dr. 33%
Award Amount: \$82,500.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G105009 / 51679
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: An eXascale PRogramming Environment and System Software (XPRESS)

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Huang, Shou-Hsuan Dr. 100%
Award Amount: \$177,688.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G100844 / 46966
Agency: U.S. Department of Education
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/16/2010 to 8/15/2013
CFDA: 84.200 Graduate Assistance in Areas of National Need
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: DOCTORAL TRAINING IN COMPUTER/COMPUTATIONAL SCIENCES AND INFORMATION SECURITY(GAANN)

Investigator: Cheng, Albert M. K. Dr. 100%
Award Amount: \$399,999.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G104770 / 51705
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 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

Investigator: Chapman, Barbara M. Dr. 34%
Award Amount: \$85,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G105009 / 51679
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: An eXascale PProgramming Environment and System Software (XPRESS)

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Mann, Paul Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / G103956 / 49251
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2011 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Mathematics

Investigator: Onofrei, Daniel Dr. 100%
Award Amount: \$7,000.00
Cost Center: 00730 / 5021 / H0110 / B0001 / G105013 / 51629
Agency: The Simons Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2012 to 8/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Active manipulation of acoustic/electromagnetic fields

Investigator: Torok, Andrei Dr. 100%
Award Amount: \$7,000.00
Cost Center: 00730 / 5021 / H0110 / B0001 / G104972 / 51714
Agency: The Simons Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2012 to 8/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Properties of dynamical systems with some hyperbolicity

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Labate, Demetrio Dr. 100%
Award Amount: \$116,703.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G100644 / 47314
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2010 to 9/30/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Analysis and Processing of Multidimensional Data Using Sparse Directional Multiscale Representations

Physics

Investigator: Paulose, Maggie Dr. 100%
Award Amount: \$113,412.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G105689 / 51740
Agency: Saxet Surface Science
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 8/15/2012 to 8/14/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: STRAW - A Hydrogen-Specific Pressure Gauge for XHV

Investigator: Bassler, Kevin E. Dr. 60%
Award Amount: \$128,109.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104652 / 51665
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Symmetry in the Structure and Dynamics of Complex Networks and Systems

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Cheung, Margaret Dr. 65%
Award Amount: \$217,172.80
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 8/31/2013
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: Hungerford, Ed V. Dr. 100%
Award Amount: \$247,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G100432 / 47318
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2010 to 9/30/2013
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: A Depleted Argon Detector for a Dark Matter Search

Investigator: Hungerford, Ed V. Dr. 100%
Award Amount: \$84,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G105276 / 51707
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: R&D Toward DarkSide-G2 A Second-Generation Direct Search for Dark Matter

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****COLLEGE OF OPTOMETRY****Optometry, Community**

Investigator: Porter, Jason Dr. 100%
Award Amount: \$368,000.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G102467 / 49379
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High-resolution imaging of the normal and diseased retina

Investigator: Otteson, Deborah Dr. 100%
Award Amount: \$337,500.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G102456 / 49358
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Regulation of Ephrin Receptor Expression in the Retina

Investigator: McDermott, Alison Dr. 80%
Award Amount: \$249,104.80
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2013
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****COLLEGE OF OPTOMETRY****Optometry, Community****Investigator:** Bergmanson, Jan P. G. Dr. 100%**Award Amount:** \$72,000.00**Cost Center:** 00730 / 5022 / H0114 / B0001 / G099822 / 45027**Agency:** Cooper Vision, Inc.**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 8/3/2009 to 8/31/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Clinical Evaluation of Silicone Hydrogel (SiHy) Contact Lenses CV-09-23

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 8/31/2013**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**Center for Integrated Bio and Nano Systems****Investigator:** Brankovic, Stanko Dr. 50%**Award Amount:** \$37,849.00**Cost Center:** 00730 / 5022 / H0070 / B0001 / G105649 / 51660**Agency:** Semiconductor Research Corp.**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 9/1/2012 to 8/31/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Strained Annealing for Cu Grain Growth in sub-50nm Interconnect

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2013 - Received during SEPTEMBER

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Qin, Guan Dr. 100%
Award Amount: \$72,180.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G105593 / 51673
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Modeling and Analysis of Fracture Network for Shale Gas Development and Its Environmental Impact

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$115,518.00
Cost Center: 00730 / 5022 / H0067 / B0001 / G105757 / 51790
Agency: Total
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/17/2012 to 9/17/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation and Study of Nano-Zeolite Mixed Metal Oxide Materials (MMO) Useful in Hydrocarbon Transformations

Investigator: Economou, Demetre J. Dr. 50%
Award Amount: \$101,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G098399 / 45821
Agency: University of Michigan
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 8/15/2009 to 8/14/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: PLASMA SCIENCE CENTER: Predictive Control of Plasma Kinetics: Multi-Phase and Bounded Systems

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

Investigator: Conrad, Jacinta Prof. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G104616 / 51259
Agency: Petroleum Research Fund
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2012 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Confinement on Phase Behavior, Structure, and Dynamics of Attractive Colloidal Suspensions

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G104584 / 51554
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Design of Peptide Crystal Growth Modifiers Using Experiments and Simulations

Investigator: Donnelly, Vincent Dr. 50%
Award Amount: \$101,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G098399 / 45821
Agency: University of Michigan
Pass_Thru Agency: U.S. Department of Energy - Office of Science
Agency Type: FEDERAL
Duration: 8/15/2009 to 8/14/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: PLASMA SCIENCE CENTER: Predictive Control of Plasma Kinetics: Multi-Phase and Bounded Systems

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$76,631.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G104113 / 51569
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2017
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: A Bio-Inspired Approach to Engineer Zeolite Catalysts

Investigator: Cirino, Patrick Dr. 100%
Award Amount: \$87,549.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G104333 / 51678
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Metabolite-responsive regulators for polyketide pathway engineering

Investigator: Grabow, Lars Dr. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G104617 / 51258
Agency: Petroleum Research Fund
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2012 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Rapid prediction of sulfide and oxide catalyst surface structures using insight from density functional theory.

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$250,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G105783 / 51778
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2013
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Survey of Polychlorinated Biphenyls(PCBs)&Polychlorinated Dibenzo-p-dioxins&Dibenzofurans(PCDDs/PCDFs)in the GalvestonBaySystem(GBS)

Investigator: Wang, Keh-Han Dr. 50%
Award Amount: \$9,952.50
Cost Center: 00730 / 5016 / H0068 / B0001 / G105773 / 51749
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Assessment of the Effects of Regional Channel Stability and Sediment Transport on Roadway Hydraulics Structures (project 0-6724)

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$150,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G105784 / 51802
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2013
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Total Maximum Daily Loads(TMDLs)for Polychlorinated Biphenyls(PCBs) in the Houston Ship Channel(HSC) System & Upper Galveston Bay

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering****Investigator:** Belarbi, Abdeldjelil Dr. 25%**Award Amount:** \$22,558.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G105774 / 51750**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2012 to 8/31/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Dawood, Mina Dr. 50%**Award Amount:** \$45,116.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G105774 / 51750**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2012 to 8/31/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Repair Systems for Deteriorated Bridge Piles

Investigator: Vipulanandan, Cumaraswamy D. 25%**Award Amount:** \$22,558.00**Cost Center:** 00730 / 5016 / H0068 / B0001 / G105774 / 51750**Agency:** Texas Department of Transportation**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 9/1/2012 to 8/31/2013**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 2013 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Strom, Kyle Dr. 50%
Award Amount: \$9,952.50
Cost Center: 00730 / 5016 / H0068 / B0001 / G105773 / 51749
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Assessment of the Effects of Regional Channel Stability and Sediment Transport on Roadway Hydraulics Structures (project 0-6724)

Investigator: Strom, Kyle Dr. 50%
Award Amount: \$7,214.50
Cost Center: 00730 / 5016 / H0068 / B0001 / G105772 / 51737
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Empirical Flow Parameters -- A Tool for Hydraulic Model Validity Assessment.

Investigator: Wang, Keh-Han Dr. 50%
Award Amount: \$7,214.50
Cost Center: 00730 / 5016 / H0068 / B0001 / G105772 / 51737
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Empirical Flow Parameters -- A Tool for Hydraulic Model Validity Assessment.

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Rifai, Hanadi Dr. 9.5%
Award Amount: \$94,999.91
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Electrical & Computer Engineering

Investigator: Claydon, Frank Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5016 / H0070 / B0100 / G105771 / 51736
Agency: Texas Department of Transportation
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TxDOT Research Technical Assistance Panels

Investigator: Brankovic, Stanko Dr. 50%
Award Amount: \$37,849.00
Cost Center: 00730 / 5022 / H0070 / B0001 / G105649 / 51660
Agency: Semiconductor Research Corp.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2012 to 8/31/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Strained Annealing for Cu Grain Growth in sub-50nm Interconnect

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****DIVISION OF RESEARCH****Biology of Behavior Institute**

Investigator: Roman, Gregg Dr. 45%
Award Amount: \$67,500.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G102906 / 49082
Agency: Defense Advanced Research Projects Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/23/2011 to 12/22/2013
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Critical Examination: Transduction of Molecular Vibrations by Drosophila Odorant Receptors

Center for Biomedical & Environmental Genomics

Investigator: Chapman, Barbara M. Dr. 33%
Award Amount: \$82,500.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G105009 / 51679
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2013
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: An eXascale PRogramming Environment and System Software (XPRESS)

Division of Research

Investigator: Colbert-Delcour, Anne Dr. 100%
Award Amount: \$24,000.00
Cost Center: 00730 / 5013 / H0233 / H0001 / G101855 / 49283
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/15/2011 to 6/30/2016
CFDA: 47.076 Education and Human Resources
CB Designation: Non Research
Project Type: Grant - Scholarship/Fellowship
Project Title: Graduate Research Fellowship Program-Master

DIVISION OF RESEARCH**Institute for Molecular Design****Investigator:** Cheung, Margaret Dr. 10%**Award Amount:** \$33,411.20**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 8/31/2013**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

TcSUH**Investigator:** Bassler, Kevin E. Dr. 40%**Award Amount:** \$85,406.00**Cost Center:** 00730 / 5013 / H0112 / B0001 / G104652 / 51665**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/1/2012 to 8/31/2015**CFDA:** 47.049 Mathematical and Physical Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Symmetry in the Structure and Dynamics of Complex Networks and Systems

Texas Learning/Computation Center**Investigator:** Mehta, Paras Dr. 3%**Award Amount:** \$29,999.97**Cost Center:** 00730 / 5013 / H0500 / B0001 / G103586 / 49817**Agency:** Centers for Disease Control**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/30/2011 to 9/29/2013**CFDA:** 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

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

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

Investigator: Cheung, Margaret Dr. 25%
Award Amount: \$83,528.00
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 8/31/2013
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: Tian, Siva Dr. 10%
Award Amount: \$2,457.90
Cost Center: 00730 / 5013 / H0288 / B0001 / G104505 / 51659
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: New Developments for Analysis of Two-Way Structured Functional Data

Texas Obesity Research Center

Investigator: Layne, Charles S. Dr. 6%
Award Amount: \$59,999.94
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

UNIVERSITY OF HOUSTON
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New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**Texas Obesity Research Center**

Investigator: Ledoux, Tracey Dr. 8.5%
Award Amount: \$84,999.92
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Investigator: Lee, Rebecca Dr. 11%
Award Amount: \$109,999.89
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Investigator: Bhargava, Alok Dr. 12.5%
Award Amount: \$124,999.88
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****DIVISION OF RESEARCH****Texas Obesity Research Center****Investigator:** O'Connor, Daniel Dr. 21.5%**Award Amount:** \$214,999.79**Cost Center:** 00730 / 5013 / H0500 / B0001 / G103586 / 49817**Agency:** Centers for Disease Control**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/30/2011 to 9/29/2013**CFDA:** 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Investigator: Lee, Rebecca Dr. 34%**Award Amount:** \$17,000.00**Cost Center:** 00730 / 5013 / H0500 / B0001 / G102987 / 49668**Agency:** National Institutes of Health**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/23/2011 to 8/31/2013**CFDA:** 93.393 Cancer Cause and Prevention Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Multinational Collaboration to Increase PA in Hispanics

Investigator: O'Connor, Daniel Dr. 33%**Award Amount:** \$16,500.00**Cost Center:** 00730 / 5013 / H0500 / B0001 / G102987 / 49668**Agency:** National Institutes of Health**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 9/23/2011 to 8/31/2013**CFDA:** 93.393 Cancer Cause and Prevention Research**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Multinational Collaboration to Increase PA in Hispanics

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****DIVISION OF RESEARCH****Texas Obesity Research Center**

Investigator: Layne, Charles S. Dr. 33%
Award Amount: \$16,500.00
Cost Center: 00730 / 5013 / H0500 / B0001 / G102987 / 49668
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/23/2011 to 8/31/2013
CFDA: 93.393 Cancer Cause and Prevention Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multinational Collaboration to Increase PA in Hispanics

TIMES

Investigator: Mehta, Paras Dr. 21%
Award Amount: \$209,999.79
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

Investigator: Tian, Siva Dr. 45%
Award Amount: \$11,060.55
Cost Center: 00730 / 5013 / H0288 / B0001 / G104505 / 51659
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: New Developments for Analysis of Two-Way Structured Functional Data

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2013 - Received during SEPTEMBER****GRADUATE COLLEGE OF SOCIAL WORK****Center for Health Equities & Evaluation Research**

Investigator: Torres, Isabel Dr. 100%
Award Amount: \$150,359.00
Cost Center: 00730 / 5013 / H0662 / B0001 / G103309 / 48641
Agency: National Cancer Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2011 to 8/31/2015
CFDA: 93.398 Cancer Research Manpower
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: End-of-life Treatment Preferences of Latino Medicare Beneficiaries with Cancer

Child & Family for Innovative Research

Investigator: Kao, Dennis Dr. 1%
Award Amount: \$9,999.99
Cost Center: 00730 / 5013 / H0500 / B0001 / G103586 / 49817
Agency: Centers for Disease Control
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/30/2011 to 9/29/2013
CFDA: 93.535 Affordable Care Act (ACA) Childhood Obesity Research Demonstration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST**Learning and Assessment Services**

Investigator: Anderson, Franklin J. Mr. 100%
Award Amount: \$301,376.00
Cost Center: 00730 / 5013 / H0219 / A0001 / G100798 / 47172
Agency: U.S. Department of Education
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2010 to 8/31/2013
CFDA: 84.042 TRIO - Student Support Services
CB Designation: Non Research
Project Type: Grant - Instruction
Project Title: Student Support Services (The Challenger Program)

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2013 - Received during SEPTEMBER

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

Undergraduate Scholars

Investigator: Velez, Diana Dr. 100%

Award Amount: \$19,050.00

Cost Center: 00730 / 5016 / H0007 / D0001 / G105516 / 51896

Agency: Joint Admission Medical Program Council

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2012 to 8/31/2013

CFDA:

CB Designation: Non Research

Project Type: Contract - Academic Support

Project Title: Joint Admission Medical Program

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$6,652,873.00

State Funding: \$153,616.00

Local Funding: \$0.00

Profit Funding: \$785,628.00

Non Profit Funding: \$225,500.00

Foundation Funding: \$39,000.00

University Funding: \$0.00

Total: **\$7,856,617.00**