

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

COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Dempsey, Allison Dr. 50%
Award Amount: \$3,591.60
Cost Center: 00730 / 5021 / H0064 / B0001 / G101901 / 46720
Agency: Baylor College of Medicine
Pass_Thru Agency: Simmons Foundation
Agency Type: FOUNDATION
Duration: 4/1/2010 to 8/15/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Baylor College of Medicine Simons Simplex Collection Project to identify and map the genetic underpinnings of autism while also investigating the phenotypic and psychosocial characteristics of children with autism and their siblings.

Investigator: Yi, Jenny K. Dr. 100%
Award Amount: \$136,753.00
Cost Center: 00730 / 5016 / H0064 / B0001 / G102292 / 47173
Agency: Cancer Prevention and Research Institute of Texas
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2010 to 3/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Framing Effective Cervical Cancer Messages for Vietnamese Americans

Investigator: Schanding, Thomas Dr. 50%
Award Amount: \$3,591.60
Cost Center: 00730 / 5021 / H0064 / B0001 / G101901 / 46720
Agency: Baylor College of Medicine
Pass_Thru Agency: Simmons Foundation
Agency Type: FOUNDATION
Duration: 4/1/2010 to 8/15/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Baylor College of Medicine Simons Simplex Collection Project to identify and map the genetic underpinnings of autism while also investigating the phenotypic and psychosocial characteristics of children with autism and their siblings.

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during APRIL****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Communication Disorders**

Investigator: Maher, Lynn Dr. 100%
Award Amount: \$177,020.00
Cost Center: 00730 / 5021 / H0087 / C0001 / G100823 / 45842
Agency: United Way of Greater Houston
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2010 to 12/31/2011
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: United Way Support for Services

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$5,007.00
Cost Center: 00730 / 5013 / H0065 / B0001 / G102932 / 48471
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2011 to 1/31/2012
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Supporting Space Life Sciences Curriculum

Psychology

Investigator: Hannay, H. Julia Dr. 100%
Award Amount: \$1,023.08
Cost Center: 00730 / 5021 / H0125 / A0001 / G099708 / 45075
Agency: Baylor College of Medicine
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 9/1/2009 to 8/31/2010
CFDA:
CB Designation: Non Research
Project Type: Contract - Instruction
Project Title: Clinical Neuropsychology Training-BCM TCH Chapieski

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

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

Investigator: Hannay, H. Julia Dr. 100%
Award Amount: \$1,023.50
Cost Center: 00730 / 5021 / H0125 / B0100 / G102257 / 47236
Agency: TIRR Memorial Hermann
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2011
CFDA:
CB Designation: Non Restricted Research
Project Type: Contract - Research
Project Title: Clinical Neuropsychology Training-TIRR Memorial Hermann Sherer

Investigator: Yoshida, Hanako Dr. 100%
Award Amount: \$197,480.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G097365 / 43597
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/1/2008 to 11/30/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Basic Mechanisms of Language's Effect on Attention and Learning

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

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$375,000.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G101187 / 45955
Agency: National Heart, Lung, and Blood Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2009 to 3/31/2012
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role of Cysteine Rich Protein2 Binding Protein in Cardiovascular Development

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Yeo, Hye-Jeong Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G103195 / 48530
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural studies of novel surface polypeptides

Investigator: Wang, Yuhong Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G103598 / 48524
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Kinetics and Conformational Changes During the Peptidyl Transferase Reaction in Single Ribosomes

Investigator: Khurana, Seema Dr. 100%
Award Amount: \$301,754.00
Cost Center: 00730 / 5033 / H0104 / B0001 / G103608 / 48574
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/9/2011 to 7/31/2012
CFDA: 93.701 Trans-NIH Recovery Act Research Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ARRA - REGULATION OF EPITHELIAL CELL HOMEOSTASIS BY ACTIN MICROFILAMENTS

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

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

Investigator: Schwartz, Robert Dr. 100%
Award Amount: \$15,267.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G100907 / 45892
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 11/30/2009 to 12/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Salary Reimbursement Agreement for Renee Braun

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: \$60,660.00
Cost Center: 00730 / 5021 / H0104 / B0001 / G101798 / 48614
Agency: Baylor College of Medicine
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2010 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Inhibition of the Wip1 oncogenic phosphatase as an anti-cancer strategy

Investigator: Fox, George E. Dr. 80%
Award Amount: \$5,600.00
Cost Center: 00730 / 5043 / H0104 / B0001 / G103402 / 48355
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 4/1/2011 to 5/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Comprehensive product development of 'real time PCR primer probes' for selected microbial community constituents

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Miljanic, Ognjen Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103189 / 48537
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Conjugated Benzobisoxazole Cruciforms as Fluorescent Sensors in Solution and Solid State

Investigator: Baldelli, Steve Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103187 / 48567
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structure and Orientation Of Room-Temperature Ionic Liquids at the Electrified Graphene Interface

Investigator: Pettitt, B. Montgomery Dr. 50%
Award Amount: \$40,000.00
Cost Center: 00730 / 5021 / H0103 / B0001 / G103594 / 49209
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural Theory of Aqueous Electrolyte Solutions

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Halasyamani, Shiv Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103589 / 48516
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: New Polar Oxide Materials: Synthesis, Characterization, and Structure-Property Relationships

Investigator: Advincula, Rigoberto Dr. 100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G103370 / 48404
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/7/2011 to 5/31/2014
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Supplement: Hierarchical and Shape Intelligent Colloidal Particles via Lithographically Patterned Layered Precursors

Investigator: Advincula, Rigoberto Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103593 / 48517
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigating Plasmonic Metal and Fluorescent Nanocrystal Hybrids through Hierarchical Organic Dendron and Linear-Dendron Scaffolds

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Guloy, Arnold M. Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103592 / 48523
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Chemical Bonding and Properties of 'Electron-Poor' Intermetallics along the Zintl Border

Investigator: May, Jeremy Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103603 / 48512
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Total Synthesis of Bioactive Natural Products via Novel Strategies.

Investigator: Hoffman, David M. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103590 / 48521
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ynthesis of Metal Dimethylhydrazonide Complexes

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Lubchenko, Vassily Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103190 / 48536
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: New Type of Electronic States in Vitreous Chalcogenides and Phictides

Investigator: Kadish, Karl M. Dr. 100%
Award Amount: \$80,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103601 / 48526
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers

Investigator: Bittner, Eric R. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / G103595 / 48514
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Photophysical Processes in CNA Oligomers

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

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$57,691.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G096524 / 44267
Agency: University of Florida
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 4/15/2009 to 3/31/2012
CFDA: 93.837 Heart and Vascular Diseases Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multiscale Network Modeling of Hemodynamically-Driven Vascular Adaptation

Investigator: Kakadiaris, Ioannis Dr. 22.5%
Award Amount: \$48,302.33
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

Investigator: Shah, Shishir Dr. 22.5%
Award Amount: \$48,302.33
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

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

Investigator: Bhattacharya, Janok Dr. 100%
Award Amount: \$35,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / G094776 / 40027
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2007 to 12/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Quantitative Sedimentology Research Consortium

Investigator: Rappenglueck, Bernhard Dr. 24%
Award Amount: \$53,395.92
Cost Center: 00730 / 5018 / H0429 / B0001 / G102023 / 48188
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/16/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantification of industrial emissions of VOCs, NO2 and SO2 by SOF and mobile DOAS

Investigator: Jiang, Xun Dr. 50%
Award Amount: \$5,000.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G099694 / 44967
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 10/1/2009 to 12/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigate Physical Processes in Global Climate Models Using Atmospheric Infrared Sounder (AIRS) Composition Retrievals

UNIVERSITY OF HOUSTON
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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Geosciences**

Investigator: Stewart, Robert Dr. 100%
Award Amount: \$45,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / G099988 / 45029
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2009 to 8/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Allied Geophysical Laboratories (AGL) Consortium: Full-wave Seismic Exploration for Reservoir Lithologies and Fluids From Lab to Oilfield

Investigator: Lefer, Barry Dr. 25%
Award Amount: \$55,620.75
Cost Center: 00730 / 5018 / H0429 / B0001 / G102023 / 48188
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/16/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantification of industrial emissions of VOCs, NO2 and SO2 by SOF and mobile DOAS

Investigator: Lefer, Barry Dr. 50%
Award Amount: \$49,067.00
Cost Center: 00730 / 5018 / H0429 / B0001 / G101921 / 48391
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/11/2011 to 8/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Surface Measurements and One-Dimensional Modeling Related to Ozone Formation in the Suburban Dallas-Fort Worth Area

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

Investigator: Li, Aibing Dr. 100%
Award Amount: \$90,200.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G093707 / 40076
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2007 to 5/31/2012
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Integrating Seismic Constraints on Continental Upper Mantle

Institute for Multidimensional Air Quality Studies

Investigator: Lefer, Barry Dr. 50%
Award Amount: \$49,067.00
Cost Center: 00730 / 5018 / H0429 / B0001 / G101921 / 48391
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/11/2011 to 8/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Surface Measurements and One-Dimensional Modeling Related to Ozone Formation in the Suburban Dallas-Fort Worth Area

Investigator: Jiang, Xun Dr. 50%
Award Amount: \$5,000.00
Cost Center: 00730 / 5013 / H0429 / B0001 / G099694 / 44967
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 10/1/2009 to 12/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Investigate Physical Processes in Global Climate Models Using Atmospheric Infrared Sounder (AIRS) Composition Retrievals

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

Investigator: Lefer, Barry Dr. 25%
Award Amount: \$55,620.75
Cost Center: 00730 / 5018 / H0429 / B0001 / G102023 / 48188
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/16/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantification of industrial emissions of VOCs, NO2 and SO2 by SOF and mobile DOAS

Investigator: Rappenglueck, Bernhard Dr. 26%
Award Amount: \$57,845.58
Cost Center: 00730 / 5018 / H0429 / B0001 / G102023 / 48188
Agency: University of Texas at Austin
Pass_Thru Agency: Texas Commission on Environmental Quality
Agency Type: STATE
Duration: 2/16/2011 to 11/30/2011
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Quantification of industrial emissions of VOCs, NO2 and SO2 by SOF and mobile DOAS

Mathematics

Investigator: Papadakis, Emanuel Dr. 5.6%
Award Amount: \$12,021.91
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Ru, Min Dr. 100%
Award Amount: \$26,143.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G100376 / 48390
Agency: National Security Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/18/2011 to 3/17/2012
CFDA: 12.901 Mathematical Sciences Grants Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Nevanlinna Theory and Diophantine Approximation

Physics

Investigator: Bensaoula, Abdelhak Dr. 100%
Award Amount: \$45,000.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G103156 / 48401
Agency: National Renewable Energy Laboratory
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 3/23/2011 to 3/22/2012
CFDA: 81.000 Department of Energy
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: High Indium Content InGaN Materials for Photo Voltaic and PEC Applications

Investigator: Weinstein, Roy Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / G103600 / 48525
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Discovery of Improved Pinning Centers by Chemical Emulation of Observed Irradiation Morphologies

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Frishman, PhD, Laura J. Dr. 100%
Award Amount: \$102,178.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G101833 / 48448
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2011 to 3/31/2012
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Short-term Training in Health Professional Schools

Investigator: Leach, Norman Dr. 100%
Award Amount: \$570.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G102235 / 47103
Agency: Alcon Research Limited
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 8/9/2010 to 7/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Protocol C-10-003 Evaluation of Acute Ocular Signs and Symptoms with Use of FID 116515

COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Lewis, Russell Dr. 10%
Award Amount: \$7,601.00
Cost Center: 00730 / 5022 / H0118 / B0001 / G101906 / 48375
Agency: Merck & Co. Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/31/2011 to 1/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Inhibition of Host Inflammatory Response of C. difficile toxins by Monoclonal Antibodies to Toxins A and B

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COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Garey, Kevin Dr. 80%
Award Amount: \$60,808.00
Cost Center: 00730 / 5022 / H0118 / B0001 / G101906 / 48375
Agency: Merck & Co. Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/31/2011 to 1/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Inhibition of Host Inflammatory Response of C. difficile toxins by Monoclonal Antibodies to Toxins A and B

Investigator: Trivedi, Meghana Dr. 10%
Award Amount: \$7,601.00
Cost Center: 00730 / 5022 / H0118 / B0001 / G101906 / 48375
Agency: Merck & Co. Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/31/2011 to 1/30/2013
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Inhibition of Host Inflammatory Response of C. difficile toxins by Monoclonal Antibodies to Toxins A and B

Pharmacological and Pharmaceutical Sciences

Investigator: Hu, Ming Dr. 100%
Award Amount: \$294,456.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G103334 / 48457
Agency: Medical College of Wisconsin
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 9/1/2010 to 8/31/2011
CFDA: 93.913 Grants to States for Operation of Offices of Rural Health
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Chemoprevention of lung cancer with red ginseng extracts

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
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COLLEGE OF TECHNOLOGY**Abramson Center for the Future of Health**

Investigator: Pollonini, Luca Dr. 100%
Award Amount: \$6,482.00
Cost Center: 00730 / 5033 / H0469 / B0001 / G102393 / 47994
Agency: Stanford University
Pass_Thru Agency: NIH/Division of Research Grants
Agency Type: FEDERAL
Duration: 1/20/2011 to 7/31/2012
CFDA: 93.701 Trans-NIH Recovery Act Research Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ARRA - Translation of Near-Infrared Spectroscopy for Use in Clinical Neuro-Imaging

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Akay, Metin Dr. 100%
Award Amount: \$23,000.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G102888 / 48265
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2011 to 4/30/2012
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: International Summer School on Biocomplexity from Gene to System, Istanbul, Turkey on July 1-7, 2011

Center for Integrated Bio and Nano Systems

Investigator: Brankovic, Stanko Dr. 30%
Award Amount: \$63,901.50
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G103235 / 48535
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Engineering chymotrypsin to selectively cleave after phosphotyrosine

Investigator: Balakotaiah, Vemuri Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G103602 / 48509
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effect of Heterogeneities on Spatiotemporal Pattern Formation in Chemical Reactors

Civil Engineering

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$15,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G103180 / 48405
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 2/1/2011 to 8/31/2011
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Continuation of Allocations of Indicator Bacteria in Dickinson Bayou Tidal

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$313,379.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G102908 / 47795
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 12/1/2010 to 8/31/2011
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Survey of PCBs and Dioxin in the Galveston Bay System

Investigator: Mo, Yi-Lung Dr. 40%
Award Amount: \$4,000.00
Cost Center: 00730 / 5022 / H0073 / B0001 / G102850 / 48360
Agency: Cameron
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 11/15/2010 to 10/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: To sponsor a senior design project in riser vibration control

Electrical & Computer Engineering

Investigator: Brankovic, Stanko Dr. 40%
Award Amount: \$85,202.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

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Division of Research
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CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Bao, Jiming Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0070 / B0001 / G103596 / 48522
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mechanism for huge photosynthesis of hydrocarbon from water and carbon dioxide on Co nanostructures

Mechanical Engineering

Investigator: Song, Gangbing Dr. 60%
Award Amount: \$6,000.00
Cost Center: 00730 / 5022 / H0073 / B0001 / G102850 / 48360
Agency: Cameron
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 11/15/2010 to 10/31/2011
CFDA:
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: To sponsor a senior design project in riser vibration control

DIVISION OF RESEARCH

Institute for Molecular Design

Investigator: Pettitt, B. Montgomery Dr. 45%
Award Amount: \$36,000.00
Cost Center: 00730 / 5021 / H0103 / B0001 / G103594 / 49209
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural Theory of Aqueous Electrolyte Solutions

UNIVERSITY OF HOUSTON
Division of Research
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DIVISION OF RESEARCH**Institute for Space Systems Operations**

Investigator: Criswell, David R. Dr. 20%
Award Amount: \$1,400.00
Cost Center: 00730 / 5043 / H0104 / B0001 / G103402 / 48355
Agency: Jet Propulsion Laboratory
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 4/1/2011 to 5/31/2011
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Comprehensive product development of 'real time PCR primer probes' for selected microbial community constituents

TcSUH

Investigator: Brankovic, Stanko Dr. 30%
Award Amount: \$63,901.50
Cost Center: 00730 / 5013 / H0070 / B0001 / G099623 / 46651
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/15/2010 to 5/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Electrochemical Nanofabrication - Transformative Concept Towards Synthesis of Novel Materials, Functional Surfaces and Metallic Nanostructures

Texas Learning/Computation Center

Investigator: Papadakis, Emanuel Dr. 4.4%
Award Amount: \$9,445.79
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

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

Investigator: Shah, Shishir Dr. 22.5%
Award Amount: \$48,302.33
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

Investigator: Kakadiaris, Ioannis Dr. 22.5%
Award Amount: \$48,302.33
Cost Center: 00730 / 5013 / H0246 / B0001 / G099205 / 45781
Agency: U.S. Army Research Office
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 12/18/2009 to 12/13/2011
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: RECOLLECT: Robust and Accurate Face Recognition in Real-Life Conditions

Investigator: Pettitt, B. Montgomery Dr. 5%
Award Amount: \$4,000.00
Cost Center: 00730 / 5021 / H0103 / B0001 / G103594 / 49209
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2011 to 5/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Structural Theory of Aqueous Electrolyte Solutions

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GRADUATE COLLEGE OF SOCIAL WORK

Drug and Social Policy Research

Investigator: Valdez, Avelardo Dr. 100%
Award Amount: \$205,050.00
Cost Center: 00730 / 5013 / H0508 / B0001 / G101881 / 48549
Agency: National Institute on Drug Abuse
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2011 to 8/31/2011
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Emergence and Diffusion of Crack and Related Health Risk Behaviors in Mexico City

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

KUHF - Radio

Investigator: Proffitt, John M. Mr. 100%
Award Amount: \$12,500.00
Cost Center: 00730 / 5016 / H0018 / C0001 / G101622 / 48338
Agency: Texas Commission on the Arts
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2010 to 8/31/2011
CFDA:
CB Designation: Non Research
Project Type: Contract - Public Service
Project Title: Texas Commission on the Arts (TCA) General Operating Support

Learning and Assessment Services

Investigator: Grindon, Angelina C. Ms. 100%
Award Amount: \$8,259.00
Cost Center: 00730 / 5021 / H0219 / C0001 / G102205 / 47158
Agency: EveryChild, Inc.
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2011
CFDA:
CB Designation: Non Research
Project Type: Co-Op Agreement - Public Service
Project Title: Family Based Alternatives Project

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2011 - Received during APRIL****UH LAW CENTER****Law-UH**

Investigator: Gray, Patricia Dr. 100%
Award Amount: \$10,063.00
Cost Center: 00730 / 5043 / H0099 / C0001 / G103209 / 48486
Agency: Research Triangle Institute
Pass_Thru Agency: Department of Health and Human Services, Office of the Secretary
Agency Type: FEDERAL
Duration: 1/7/2011 to 11/30/2011
CFDA:
CB Designation: Non Research
Project Type: Contract - Public Service
Project Title: ARRA - SERCH Project

Investigator: Marietta, Cynthia Miss 25%
Award Amount: \$1.00
Cost Center: 00730 / 5034 / H0099 / C0001 / G103047 / 48796
Agency: Texas Health and Human Services Commission
Pass_Thru Agency: Department of Health and Human Services - Office of Disease Prevention and Health Promotion (ODPHP)
Agency Type: FEDERAL
Duration: 1/1/2011 to 8/31/2011
CFDA: 93.719 ARRA - State Grants to Promote Health Information Technology
CB Designation: Non Research
Project Type: Contract - Public Service
Project Title: ARRA - HHSC Privacy and Security Policy Research

Investigator: Gray, Patricia Dr. 75%
Award Amount: \$3.00
Cost Center: 00730 / 5034 / H0099 / C0001 / G103047 / 48796
Agency: Texas Health and Human Services Commission
Pass_Thru Agency: Department of Health and Human Services - Office of Disease Prevention and Health Promotion (ODPHP)
Agency Type: FEDERAL
Duration: 1/1/2011 to 8/31/2011
CFDA: 93.719 ARRA - State Grants to Promote Health Information Technology
CB Designation: Non Research
Project Type: Contract - Public Service
Project Title: ARRA - HHSC Privacy and Security Policy Research

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$2,518,569.00
State Funding: \$530,530.00
Local Funding: \$0.00
Profit Funding: \$166,580.00
Non Profit Funding: \$201,569.50
Foundation Funding: \$967,183.20
University Funding: \$1,023.08
Total: \$4,385,454.78