

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****COLLEGE OF EDUCATION****Curriculum and Instruction**

Investigator: Dominey, Wallace Dr. 25%
Award Amount: \$13,125.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

Dean, Education

Investigator: Hawkins, Jacqueline Dr. 50%
Award Amount: \$26,250.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

Educational Psychology

Investigator: Horn, Catherine Dr. 100%
Award Amount: \$134,172.00
Cost Center: 00730 / 5013 / H0064 / H0001 / G104866 / 51970
Agency: U.S. Department of Education
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/16/2012 to 8/15/2014
CFDA: 84.200 Graduate Assistance in Areas of National Need
CB Designation: Non Research
Project Type: Grant - Scholarship/Fellowship
Project Title: Fellowships in Educational Evaluation, Research, and Statistics (FEERS)

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COLLEGE OF EDUCATION**Educational Psychology**

Investigator: Keller-Margulis, Milena Dr. 100%
Award Amount: \$19,530.53
Cost Center: 00730 / 5021 / H0064 / B0001 / C106717 / 54050
Agency: Society for the Study of School Psychology
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 7/1/2013 to 6/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Early Indicators of Academic and Behavioral Difficulties among Children Born Preterm

Investigator: Tolar, Tammy Dr. 25%
Award Amount: \$13,125.00
Cost Center: 00730 / 5013 / H0064 / B0001 / G107396 / 54095
Agency: University of Wisconsin
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2013 to 7/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The CIRTL Network: 25 Research Universities Preparing a National Faculty to Advance STEM Undergraduate Learning

UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$15,000.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104441 / 49964
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: UH Charter School Instructional Materials Allotment FY 2011-2013

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****COLLEGE OF EDUCATION****UH Charter School**

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$21,470.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104229 / 49776
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 9/1/2011 to 10/31/2014
CFDA: 10.555
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: National School Lunch Program FY 12

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$610,330.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104216 / 49772
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Foundation School Program Teacher S&W FY12

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$30,062.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104226 / 49774
Agency: Texas Education Agency
Pass_Thru Agency: USE DED000; U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/1/2011 to 9/30/2014
CFDA: 84.010
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Title I, Part A FY 12

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UH Charter School

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$350.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C105879 / 51980
Agency: State of Texas
Pass_Thru Agency: Texas Education Agency
Agency Type: STATE
Duration: 8/1/2011 to 8/31/2016
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: School Lunch Matching

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$7,883.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104228 / 49775
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 9/1/2011 to 10/31/2014
CFDA: 10.553
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: School Breakfast Program FY12

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$124,800.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104215 / 49771
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Foundation School Program Administration S&W FY 12

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COLLEGE OF EDUCATION**UH Charter School**

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$143,000.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104213 / 49761
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Foundation School Program Leadership S&W FY 12

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$46,400.00
Cost Center: 00730 / 5017 / H0441 / C0001 / C104214 / 49770
Agency: Texas Education Agency
Pass_Thru Agency: State of Texas
Agency Type: STATE
Duration: 9/1/2011 to 8/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Foundation School Program Special Education S&W FY12

Investigator: Black, Carolyn Dr. 100%
Award Amount: \$4,000.00
Cost Center: 00730 / 5014 / H0441 / C0001 / C104225 / 49773
Agency: Texas Education Agency
Pass_Thru Agency: USE DED000; U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/1/2011 to 9/30/2014
CFDA: 84.367 Improving Teacher Quality State Grants
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Charter School: Title II, Part A FY12

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Cynthia Woods Mitchell Center for the Arts

Investigator: Farber, Karen Ms. 100%
Award Amount: \$700.00
Cost Center: 00730 / 5021 / H0473 / B0100 / C107437 / 54103
Agency: New England Foundation for the Arts
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2013 to 10/31/2013
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Radar LA - Hospital

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$12,269.60
Cost Center: 00730 / 5043 / H0065 / B0001 / G105748 / 51652
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Elizabeth Goetchius

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$13,098.96
Cost Center: 00730 / 5043 / H0065 / B0001 / G105749 / 51653
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Meghan Everett

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Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$7,520.00
Cost Center: 00730 / 5043 / H0065 / B0001 / G105746 / 51650
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Stephanie Bassett

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5043 / H0065 / B0001 / G105754 / 51657
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Holly Patterson

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$11,542.32
Cost Center: 00730 / 5043 / H0065 / B0001 / G105747 / 51651
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Roxanne Buxton

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

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$13,862.45
Cost Center: 00730 / 5043 / H0065 / B0001 / G105751 / 51654
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - John Flores-McLaughlin

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$9,864.71
Cost Center: 00730 / 5043 / H0065 / B0001 / G105759 / 51663
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 10/31/2013
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Enhanced Development of the Office of Scientific Data Review and Dissemination - Mitzi Laughlin

Psychology

Investigator: Sharp, Carla Dr. 100%
Award Amount: \$42,078.00
Cost Center: 00730 / 5021 / H0125 / B0001 / G101988 / 47486
Agency: The Menninger Clinic
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2010 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Personality and Other Disorders in Adolescents -Carolyn Ha and Chastity Farr Student Placements

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Fletcher, Jack Dr. 20%
Award Amount: \$60,000.00
Cost Center: 00730 / 5014 / H0288 / B0001 / G107349 / 53863
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 84.027 Special Education Grants to States
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Texas Center for Learning Disabilities Intervention Project

Investigator: Barth, Amy Dr. 20%
Award Amount: \$919.99
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/2/2012 to 8/31/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator: Massman, Paul Dr. 100%
Award Amount: \$37,480.00
Cost Center: 00730 / 5021 / H0125 / B0100 / G107304 / 53909
Agency: TIRR Memorial Hermann
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2013 to 8/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-TIRR Mem Hermann-Struchen

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Investigator: Leasure, J. Leigh Dr. 100%
Award Amount: \$211,504.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G105134 / 54082
Agency: National Institute on Alcohol Abuse and Alcoholism
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 93.273 Alcohol Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Brain Damage and Exercise Neurorestoration After Repeated Binge Alcohol Exposure

Investigator: Massman, Paul Dr. 100%
Award Amount: \$19,559.00
Cost Center: 00730 / 5013 / H0125 / B0100 / G107320 / 53910
Agency: Michael E. DeBakey Veterans Affairs Medical Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 64.016 Veterans State Hospital Care
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-Michael E. DeBakey, VA Epilepsy Ctr. of Excellence (ECE), Neurology Care Line-Collins: Student J. Grabyan

Investigator: Barr, Christopher Dr. 20%
Award Amount: \$5,446.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G104249 / 51746
Agency: Georgia State University
Pass_Thru Agency: Institute of Educational Sciences
Agency Type: FEDERAL
Duration: 9/17/2012 to 8/31/2014
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers

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Investigator: Massman, Paul Dr. 100%
Award Amount: \$37,480.00
Cost Center: 00730 / 5021 / H0125 / B0100 / G107357 / 53927
Agency: Texas Children's Hospital
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 9/1/2013 to 8/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Clinical Neuropsychology Training-BCM/TCH Blue Bird Circle Clinic-Chapieski: Graduate Students John Elias & Elyssa Gerst

Investigator: Neighbors, Clayton Dr. 100%
Award Amount: \$64,200.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G101165 / 46008
Agency: University of Washington
Pass_Thru Agency: U.S. Army Medical Research and Material Command
Agency Type: FEDERAL
Duration: 9/1/2009 to 9/30/2014
CFDA: 12.420 Military Medical Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Motivating Treatment Seeking and Behavior Change by Untreated Military Personnel Abusing Alcohol or Drugs

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

Investigator: Briggs, James M. Dr. 17%
Award Amount: \$12,750.00
Cost Center: 00730 / 5015 / H0107 / B0001 / G101701 / 47739
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute on Drug Abuse
Agency Type: FEDERAL
Duration: 9/30/2010 to 8/31/2014
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The 5-HT_{2c}R Protein Complex: Mining a New Therapeutic Target for Addiction

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Khurana, Seema Dr. 100%
Award Amount: \$327,338.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G106636 / 54180
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/18/2013 to 5/31/2018
CFDA: 93.847 Diabetes, Endocrinology and Metabolism Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Epithelial mesenchymal transition in gastrointestinal homeostasis and disease

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 8/31/2014
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

Chemistry

Investigator: Gilbertson, Scott Dr. 83%
Award Amount: \$62,250.00
Cost Center: 00730 / 5015 / H0107 / B0001 / G101701 / 47739
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: National Institute on Drug Abuse
Agency Type: FEDERAL
Duration: 9/30/2010 to 8/31/2014
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The 5-HT_{2c}R Protein Complex: Mining a New Therapeutic Target for Addiction

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Computer Science**

Investigator: Vilalta, Ricardo Dr. 50%
Award Amount: \$90,000.00
Cost Center: 00730 / 5022 / H0288 / B0001 / C106149 / 54079
Agency: Repsol Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/1/2013 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Data Mining Techniques Applied to Seismic Data

Earth & Atmospheric Sciences

Investigator: Mann, Paul Dr. 100%
Award Amount: \$120,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C106782 / 52937
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2012 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Investigator: Lefer, Barry Dr. 33%
Award Amount: \$16,500.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G106783 / 54063
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/18/2013 to 9/17/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: An Undergraduate Student Instrumentation Project to Develop New Instrument Technology to Study the Auroral Ionosphere and Stratospheric Ozone Layer Using Ultralight Balloon Payloads

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Investigator: Bhattacharya, Janok Dr. 50%
Award Amount: \$14,639.38
Cost Center: 00730 / 5022 / H0109 / B0001 / C106692 / 52849
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2013 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Quantitative Sedimentology Research Consortium

Investigator: Khan, Shuhab Dr. 50%
Award Amount: \$14,639.38
Cost Center: 00730 / 5022 / H0109 / B0001 / C106692 / 52849
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2013 to 12/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Quantitative Sedimentology Research Consortium

Mathematics

Investigator: Quaini, Annalisa Dr. 50%
Award Amount: \$120,308.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G105931 / 53979
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2013 to 9/30/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Advancing the diagnosis and quantification of mitral valve regurgitation with mathematical modeling

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Canic, Suncica Dr. 50%
Award Amount: \$120,308.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G105931 / 53979
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 10/1/2013 to 9/30/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: Advancing the diagnosis and quantification of mitral valve regurgitation with mathematical modeling

Investigator: Nicol, Matthew Dr. 100%
Award Amount: \$80,556.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G105461 / 51556
Agency: Methodist Hospital Research Institute
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2014
CFDA: 93.121 Oral Diseases and Disorders Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A Novel Imaging Informatics Platform for Craniomaxillofacial Surgery

Investigator: Segura, Perri Dr. 50%
Award Amount: \$12.15
Cost Center: 00730 / 5021 / H0110 / B0001 / G101267 / 46069
Agency: Bernard Harris Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 1/29/2010 to 1/29/2011
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Harris Camp 2010

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Evans, Paige Dr. 50%
Award Amount: \$12.15
Cost Center: 00730 / 5021 / H0110 / B0001 / G101267 / 46069
Agency: Bernard Harris Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 1/29/2010 to 1/29/2011
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Harris Camp 2010

Investigator: Bodmann, Bernhard Dr. 100%
Award Amount: \$49,714.50
Cost Center: 00730 / 5013 / H0110 / B0001 / G101641 / 49392
Agency: University of Missouri
Pass_Thru Agency: U.S. Department of Defense - Air Force Defense Research Sciences Program
Agency Type: FEDERAL
Duration: 8/15/2011 to 8/14/2014
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Frames for Compressive Sensing

Physics

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$22,500.00
Cost Center: 00730 / 5013 / H0453 / B0100 / C107311 / 54228
Agency: Acree Technologies, Inc
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 6/10/2013 to 3/9/2014
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Ceria Barrier Layer Analysis and Testing for Solid Oxide Fuel Cells

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$124,984.50
Cost Center: 00730 / 5013 / H0453 / B0001 / G105565 / 52355
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/1/2013 to 12/31/2014
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Hydrogen Content Nanostructured Polymer Radiation Protection System

Investigator: Gunaratne, Gemunu H. Dr. 100%
Award Amount: \$86,336.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G106940 / 54078
Agency: Spectral Energies, LLC
Pass_Thru Agency: U.S. Air Force Office of Scientific Research
Agency Type: FEDERAL
Duration: 9/9/2013 to 9/7/2015
CFDA: 12.800 Air Force Defense Research Sciences Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: SBIR: Spatiotemporal Dynamical System Analysis Tools for Very Large Data Sets

Investigator: Bering, Edgar A. Dr. 33%
Award Amount: \$4,950.00
Cost Center: 00730 / 5015 / H0073 / C0001 / G106786 / 54166
Agency: University of Texas at Austin
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/1/2013 to 4/1/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$49,483.80
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 10/31/2013
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

Investigator: Freundlich, Alexandre Dr. 20%
Award Amount: \$10,000.00
Cost Center: 00730 / 5013 / H0453 / B0001 / G099644 / 49437
Agency: Arizona State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

Investigator: Bering, Edgar A. Dr. 34%
Award Amount: \$17,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G106783 / 54063
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/18/2013 to 9/17/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: An Undergraduate Student Instrumentation Project to Develop New Instrument Technology to Study the Auroral Ionosphere and Stratospheric Ozone Layer Using Ultralight Balloon Payloads

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Joshi, Anand Dr. 100%
Award Amount: \$58,442.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G106169 / 53920
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accomodation influences in strabismus (Dr. Anand Joshi)

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

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: \$24,000.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G099822 / 45027
Agency: CooperVision, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 8/3/2009 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Clinical Evaluation of Silicone Hydrogel (SiHy) Contact Lenses CV-09-23

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Nichols, Jason Dr. 100%
Award Amount: \$21,206.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G107438 / 54102
Agency: Vistakon, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 10/1/2013 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: JJVCI CR-5477 A Non-Dispensing Fit Evaluation of etafilcon A Investigational Limbal Ring Contact Lenses with polyvinylpyrrolidone (PVP) in an Asian Population

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: \$106,121.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C107389 / 54145
Agency: Essilor International
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/18/2013 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ultraviolet Radiation and Eye Protection Factor

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: \$107,500.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C107388 / 54165
Agency: Clearlab US, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2013 to 3/1/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Clinical Evaluation of Silicone Hydrogel (SiHy) Contact Lenses

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Smith III, Earl L. Dr. 100%
Award Amount: \$91,630.00
Cost Center: 00730 / 5021 / H0114 / B0001 / G090297 / 35093
Agency: Brien Holden Vision Institute
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 6/1/2004 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: Optical Intervention

Investigator: Roberts, Tawna Dr. 100%
Award Amount: \$91,528.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G107143 / 54176
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2017
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Roles of the Afferent and Efferent Visual Systems in Guiding Human Visual Dev

COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Shah, Dhara Dr. 80%
Award Amount: \$72,300.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C106758 / 54190
Agency: Optimer Pharmaceuticals, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/16/2013 to 12/4/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A nationwide analysis of fidaxomicin use

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COLLEGE OF PHARMACY**Clinical Sciences and Administration**

Investigator: Garey, Kevin Dr. 20%
Award Amount: \$18,075.00
Cost Center: 00730 / 5022 / H0118 / B0001 / C106758 / 54190
Agency: Optimer Pharmaceuticals, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/16/2013 to 12/4/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A nationwide analysis of fidaxomicin use

Pharmacological and Pharmaceutical Sciences

Investigator: Cuny, Gregory Dr. 100%
Award Amount: \$64,356.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G106037 / 52094
Agency: Massachusetts General Hospital - East
Pass_Thru Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Type: FEDERAL
Duration: 9/22/2012 to 8/31/2014
CFDA: 93.847 Diabetes, Endocrinology and Metabolism Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Identification of novel integrin antagonists

Investigator: Tejada-Simon, Maria Dr. 100%
Award Amount: \$88,961.00
Cost Center: 00730 / 5021 / H0117 / B0001 / G103169 / 48891
Agency: FRAXA Research Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 8/1/2011 to 7/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Small Rho GTPases, a potential therapeutic target for Fragile X syndrome

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COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Gurkan, Deniz Dr. 100%
Award Amount: \$900,000.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G106735 / 53977
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/15/2013 to 8/31/2015
CFDA: 47.040 Computer and Information Science and Engineering
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CC-NIE Integration: Houston, We have Troubleshooting for the 100 Gbps Network!

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Akay, Metin Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5013 / H0071 / B0100 / G105874 / 53936
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: 6th International IEEE EMBS Conference on Neural Engineering, Nov 3-6, 2013, San Diego, CA

Investigator: Gifford, Howard 100%
Award Amount: \$361,799.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G105040 / 50466
Agency: National Institute of Biomedical Imaging and Bioengineering
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 8/31/2014
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Reliable Human-Model Observers for Emission Tomography

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Larin, Kirill Dr. 100%
Award Amount: \$90,000.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G106400 / 54093
Agency: Baylor College of Medicine
Pass_Thru Agency: National Human Genome Research Institute
Agency Type: FEDERAL
Duration: 8/1/2013 to 7/31/2014
CFDA: 93.310 Trans-NIH Research Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A consortium for broad based disease phenotyping of knockout mice.

Center for Innovative Grouting Materials and Tech

Investigator: Vipulanandan, Cumaraswamy D 60%
Award Amount: \$18,000.00
Cost Center: 00730 / 5018 / H0069 / B0001 / G106856 / 54230
Agency: Lamar University
Pass_Thru Agency: Lamar University (THWRC)
Agency Type: STATE
Duration: 9/1/2013 to 7/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

Chemical Engineering

Investigator: Rimer, Jeffrey Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5021 / H0067 / B0001 / G106050 / 53777
Agency: United States - Israel Binational Science Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2013 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Tailoring Zeolite Crystallization Using De Novo Peptoid Growth Modifiers

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Economou, Demetre J. Dr. 50%
Award Amount: \$120,000.00
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 8/14/2014
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

Investigator: Vekilov, Peter Dr. 100%
Award Amount: \$37,289.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G107424 / 54076
Agency: Rice University
Pass_Thru Agency: NIH/Division of Research Grants
Agency Type: FEDERAL
Duration: 7/1/2013 to 6/30/2014
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Nanobiology interdisciplinary graduate training program

Investigator: Harold, Michael Dr. 50%
Award Amount: \$70,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C107395 / 54101
Agency: Total E&P USA, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2013 to 5/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation and Evaluation of Conventional and Nano Mixed Metal Oxides (MMO) for Oxidative Coupling of Methane (OCM)

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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Rimer, Jeffrey Dr. 50%
Award Amount: \$70,000.00
Cost Center: 00730 / 5022 / H0067 / B0001 / C107395 / 54101
Agency: Total E&P USA, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2013 to 5/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Preparation and Evaluation of Conventional and Nano Mixed Metal Oxides (MMO) for Oxidative Coupling of Methane (OCM)

Investigator: Donnelly, Vincent Dr. 50%
Award Amount: \$120,000.00
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 8/14/2014
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

Civil Engineering

Investigator: Shrestha, Ramesh Dr. 60%
Award Amount: \$450,000.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2014
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Carter, William Dr. 20%
Award Amount: \$150,000.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2014
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

Investigator: Glennie, Craig Dr. 20%
Award Amount: \$150,000.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G107326 / 54158
Agency: University of California - Berkeley
Pass_Thru Agency: U.S. Department of Agriculture
Agency Type: FEDERAL
Duration: 8/14/2013 to 7/31/2014
CFDA: 10.001 Agricultural Research - Basic and Applied Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Full Waveform and Discrete LiDAR Mapping of Tahoe National Forest

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107216 / 53935
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
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 Jarbo Bayou

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$15,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107211 / 53934
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 66.419 Water Pollution Control - State and Interstate Program Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Support for TMDLs for Indicator Bacteria in the Armand Bayou Watershed

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$53,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107210 / 53930
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
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 Rolling Fork Creek

Investigator: Rifai, Hanadi Dr. 100%
Award Amount: \$95,000.00
Cost Center: 00730 / 5014 / H0068 / B0001 / G107209 / 53929
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency: U.S. Environmental Protection Agency
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
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 and Upper Galveston Bay

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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Vipulanandan, Kumaraswamy D20%
Award Amount: \$6,000.00
Cost Center: 00730 / 5018 / H0069 / B0001 / G106856 / 54230
Agency: Lamar University
Pass_Thru Agency: Lamar University (THWRC)
Agency Type: STATE
Duration: 9/1/2013 to 7/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

Investigator: Strom, Kyle Dr. 100%
Award Amount: \$166,405.50
Cost Center: 00730 / 5022 / H0068 / B0001 / C105438 / 54098
Agency: ExxonMobil Upstream Research Co.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2013 to 12/31/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Hydraulics and Deposit Structure in Distributive Systems

Investigator: Gencturk, Bora Dr. 100%
Award Amount: \$174,634.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G106851 / 53737
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2015
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: BRIGE: DAMAGE EVALUATION AND LIFE-CYCLE ASSESSMENT OF REINFORCED HPFRC BEAM-COLUMN JOINTS UNDER MULTI-AXIAL LOADING

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Civil Engineering**

Investigator: Strom, Kyle Dr. 100%
Award Amount: \$242,020.00
Cost Center: 00730 / 5022 / H0068 / B0001 / C106732 / 54183
Agency: ExxonMobil Upstream Research Co.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 9/1/2013 to 12/31/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Mud Floc Transformations In Turbulent Flows: Driving Influences And Modeling

Investigator: Lee, Hyongki Dr. 100%
Award Amount: \$10,000.00
Cost Center: 00730 / 5013 / H0068 / B0001 / G106490 / 54168
Agency: Ohio State University
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/5/2013 to 3/4/2014
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Improved Quantification of Global Mountain Glacier Mass Balance Estimate

Electrical & Computer Engineering

Investigator: Chen, Yuhua Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / C107488 / 54232
Agency: Halliburton Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 8/1/2013 to 7/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Speed Ethernet Communications with Low End Processors

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: \$37,500.00
Cost Center: 00730 / 5021 / H0070 / B0001 / G107376 / 54080
Agency: Methodist Hospital Research Institute
Pass_Thru Agency: Cullen Foundation
Agency Type: FOUNDATION
Duration: 8/1/2013 to 8/1/2014
CFDA:
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: REX, an Exoskeleton for the Robotic Restoration and Rehabilitation of Human Gait after Spinal Cord Injury and other Forms of Paraplegia and Quadriplegia

Investigator: Freundlich, Alexandre Dr. 20%
Award Amount: \$10,000.00
Cost Center: 00730 / 5013 / H0453 / B0001 / G099644 / 49437
Agency: Arizona State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

Investigator: Prasad, Saurabh Dr. 100%
Award Amount: \$47,300.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G105579 / 51803
Agency: Purdue University
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 8/1/2012 to 7/31/2014
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: An Advanced Learning Framework for High Dimensional Multi-Sensor Remote Sensing Data

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Electrical & Computer Engineering**

Investigator: Roysam, Badrinath Dr. 100%
Award Amount: \$50,000.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C107125 / 54155
Agency: TIRR Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 9/1/2013 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Comprehensive Profiling of Brain Cytoarchitectural Alterations Associated with Combined Lithium and Valproate Treatment for mFPI-associated Memory Impairments

Investigator: Contreras-Vidal, Jose Dr. 100%
Award Amount: \$182,184.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104795 / 50178
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/1/2011 to 5/31/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: HCC: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroprosthetics

Industrial Engineering

Investigator: Lim, Gino Dr. 100%
Award Amount: \$17,115.00
Cost Center: 00730 / 5016 / H0072 / B0100 / G105789 / 52052
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency:
Agency Type: STATE
Duration: 9/1/2012 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Four- and Five-Dimensional Robustness Quantification and Adaptive 4D Robust Optimization of Intensity-Modulated Proton Therapy for Lung Cancers

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Industrial Engineering**

Investigator: Peng, Jiming Dr. 100%
Award Amount: \$132,655.00
Cost Center: 00730 / 5013 / H0072 / B0001 / G107377 / 54094
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 8/16/2013 to 8/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Sparse Solutions to Classes of Quadratic Programming Problems: Theoretical Fundamentals, Solving Strategies and Applications

Mechanical Engineering

Investigator: Metcalfe, Ralph W. Dr. 100%
Award Amount: \$59,029.00
Cost Center: 00730 / 5022 / H0073 / B0001 / C107474 / 54184
Agency: Kalsi Engineering, Inc.
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2013 to 8/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research on Elastomeric Seals

Investigator: Selvamanickam, Venkat Dr. 100%
Award Amount: \$12,000.00
Cost Center: 00730 / 5013 / H0073 / B0001 / G107379 / 54159
Agency: Superpower, Inc.
Pass_Thru Agency: U.S. Department of Energy - Advanced Research Projects Agency.Energy (ARPA.E)
Agency Type: FEDERAL
Duration: 8/13/2013 to 8/12/2016
CFDA: 81.135 Advanced Research and Projects Agency - Energy Financial
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: SuperPower's Support of Equipment Maintenance

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

Investigator: Dunbar, Bonnie Dr. 34%
Award Amount: \$5,100.00
Cost Center: 00730 / 5015 / H0073 / C0001 / G106786 / 54166
Agency: University of Texas at Austin
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/1/2013 to 4/1/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

Investigator: Sharma, Pradeep Dr. 33%
Award Amount: \$4,950.00
Cost Center: 00730 / 5015 / H0073 / C0001 / G106786 / 54166
Agency: University of Texas at Austin
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Type: FEDERAL
Duration: 9/1/2013 to 4/1/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: The Mars Rover Model Celebration: Enhancing Formal and Informal STEM Education in Grades 3-8 and Improving Teacher Training Using the Excitement of NASA's Latest Mars Missions

Investigator: Dunbar, Bonnie Dr. 33%
Award Amount: \$16,500.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G106783 / 54063
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/18/2013 to 9/17/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: An Undergraduate Student Instrumentation Project to Develop New Instrument Technology to Study the Auroral Ionosphere and Stratospheric Ozone Layer Using Ultralight Balloon Payloads

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Texas Hurricane Center for Innovative Technology**

Investigator: Vipulanandan, Cumaraswamy D20%
Award Amount: \$6,000.00
Cost Center: 00730 / 5018 / H0069 / B0001 / G106856 / 54230
Agency: Lamar University
Pass_Thru Agency: Lamar University (THWRC)
Agency Type: STATE
Duration: 9/1/2013 to 7/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accelerated Treatment and Recycling of Hydraulic Fracturing Wastewater Using the Microbial Fuel Cell (MFC)

DIVISION OF RESEARCH**Center for Advanced Computing and Data Systems**

Investigator: Barth, Amy Dr. 10%
Award Amount: \$460.00
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/2/2012 to 8/31/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: \$49,483.80
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Type: FEDERAL
Duration: 11/28/2011 to 10/31/2013
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

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DIVISION OF RESEARCH**Center for Advanced Materials**

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$22,500.00
Cost Center: 00730 / 5013 / H0453 / B0100 / C107311 / 54228
Agency: Acree Technologies, Inc
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 6/10/2013 to 3/9/2014
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Ceria Barrier Layer Analysis and Testing for Solid Oxide Fuel Cells

Investigator: Ignatiev, Alex Dr. 50%
Award Amount: \$124,984.50
Cost Center: 00730 / 5013 / H0453 / B0001 / G105565 / 52355
Agency: NASA - National Aeronautics and Space Administration - Goddard Space Flight Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/1/2013 to 12/31/2014
CFDA: 43.009 Cross Agency Support
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Hydrogen Content Nanostructured Polymer Radiation Protection System

Investigator: Freundlich, Alexandre Dr. 60%
Award Amount: \$30,000.00
Cost Center: 00730 / 5013 / H0453 / B0001 / G099644 / 49437
Agency: Arizona State University
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 8/15/2011 to 7/31/2014
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

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DIVISION OF RESEARCH**Center for Neuromotor & Biomechanics Research**

Investigator: Simpson, Richard Dr. 80%
Award Amount: \$24,000.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

Investigator: Clarke, Mark Dr. 5%
Award Amount: \$1,500.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

Investigator: O'Connor, Daniel Dr. 5%
Award Amount: \$1,500.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during OCTOBER****DIVISION OF RESEARCH****Center for Neuromotor & Biomechanics Research**

Investigator: Lowder, Thomas Dr. 10%
Award Amount: \$3,000.00
Cost Center: 00730 / 5013 / H0521 / B0001 / G102913 / 50107
Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/3/2011 to 11/2/2015
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

TIMES

Investigator: Vilalta, Ricardo Dr. 50%
Award Amount: \$90,000.00
Cost Center: 00730 / 5022 / H0288 / B0001 / C106149 / 54079
Agency: Repsol Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/1/2013 to 4/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Data Mining Techniques Applied to Seismic Data

Investigator: Fletcher, Jack Dr. 80%
Award Amount: \$240,000.00
Cost Center: 00730 / 5014 / H0288 / B0001 / G107349 / 53863
Agency: Texas Education Agency
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 9/1/2013 to 8/31/2014
CFDA: 84.027 Special Education Grants to States
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Texas Center for Learning Disabilities Intervention Project

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DIVISION OF RESEARCH**TIMES**

Investigator: Barth, Amy Dr. 70%
Award Amount: \$3,219.97
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/2/2012 to 8/31/2013
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator: Barr, Christopher Dr. 80%
Award Amount: \$21,784.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G104249 / 51746
Agency: Georgia State University
Pass_Thru Agency: Institute of Educational Sciences
Agency Type: FEDERAL
Duration: 9/17/2012 to 8/31/2014
CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers

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VICE PRESIDENT FOR ADMINISTRATION

UH Police Department

Investigator: Collier, Bret Mr. 100%
Award Amount: \$3,000.00
Cost Center: 00730 / 5014 / H0169 / C0001 / G107426 / 54055
Agency: Texas Department of Transportation
Pass_Thru Agency: U.S. Department of Transportation - National Highway Traffic Safety Administration (NHTSA)
Agency Type: FEDERAL
Duration: 10/1/2012 to 9/30/2013
CFDA: 20.600 State and Community Highway Safety
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: CIOT: Click IT or Ticket

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$5,992,165.10
State Funding: \$986,995.00
Local Funding: \$0.00
Profit Funding: \$1,315,935.26
Non Profit Funding: \$136,568.53
Foundation Funding: \$207,185.29
University Funding: \$91,630.00
Total: **\$8,730,479.18**