UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

C.T. BAUER COLLEGE OF BUSINESS

Dean, Business Administration

Investigator: Ahearne, Michael Dr. 100%

Award Amount: \$5,000.00

Cost Center: 00730 / 5021 / H0041 / B0001 / C109363 / 56486

Agency: The Dayton Foundation

Pass_Thru Agency:

Agency Type: FOUNDATION

Duration: 11/1/2014 to 10/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Sales Education Research Grant

COLLEGE OF EDUCATION

Educational Psychology

Investigator: Reitzel, Lorraine Dr. 100%

Award Amount: \$2,000.00

Cost Center: 00730 / 5018 / H0064 / B0001 / G107626 / 55317

Agency: University of Texas MD Anderson Cancer Center

Pass_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

Duration: 12/1/2013 to 11/30/2014

CFDA:

CB Designation: Non Restricted Research
Project Type: Grant - Research

Project Title: Taking Texas Tobacco-Free: Expanding the Integral Care Campus and Community Model into a Statewide Cancer

Prevention Program

Investigator: Townsend, Shelley 100%

Award Amount: \$137,767.00

Cost Center: 00730 / 5016 / H0064 / C0001 / G108417 / 56321

Agency: Texas Department of State Health Services

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2014 to 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Families CAN: Purchased Health Services Unit

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$18,405.92

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 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: UH Charter School Instructional Materials Allotment FY 2011-2013

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$3,612.00

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 9/30/2015

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

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$8,000.00

Cost Center: 00730 / 5014 / H0441 / C0001 / C104228 / 49775

Agency: Texas Education Agency

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2011 to 9/30/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Charter School:School Breakfast Program FY12

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$20,512.00

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 9/30/2015

CFDA: 84.010
CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Chater School: Title I, Part A FY 12

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$22,000.00

Cost Center: 00730 / 5014 / H0441 / C0001 / C104229 / 49776

Agency: Texas Education Agency

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2011 to 9/30/2015

CFDA:

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: \$155,000.00

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 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Charter School: Foundation School Program Leadership S&W FY 12

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Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$70,000.00

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 8/31/2015

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: \$130,000.00

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 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Charter School: Foundation School Program Administration S&W FY 12

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$18,938.00

Cost Center: 00730 / 5017 / H0441 / C0001 / C104212 / 49760

Agency: Texas Education Agency

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2011 to 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Charter School: Foundation Fund Program Fund TEA

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF EDUCATION

UH Charter School

Investigator: Black, Carolyn Dr. 100%

Award Amount: \$620,000.00

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 8/31/2015

CFDA:

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Charter School; Foundation School Program Teacher S&W FY12

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Blaffer Gallery

Investigator: Schmuckli, Claudia Ms. 100%

Award Amount: \$25,000.00

Cost Center: 00730 / 5013 / H0097 / B0001 / C106635 / 55220

Agency: National Endowment for the Arts

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/1/2014 to 1/31/2016

CFDA: 45.024 Promotion of the Arts

CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Time/Image

Center for Neuromotor & Biomechanics Research

Investigator: Lowder, Thomas Dr. 10%

Award Amount: \$6,058.26

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 2015 - Received during NOVEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Center for Neuromotor & Biomechanics Research

Investigator: Simpson, Richard Dr. 80%

Award Amount: \$48,466.06

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: \$3,029.13

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: \$3,029.13

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 2015 - Received during NOVEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Communication

Investigator: Ni, Lan Dr. 100%

Award Amount: \$10,000.00

Cost Center: 00730 / 5021 / H0084 / B0100 / C108468 / 56451

Agency: Urban Communication Foundation

Pass_Thru Agency:

Agency Type: FOUNDATION

Duration: 8/1/2014 to 7/31/2015

CFDA:

CB Designation: Non Restricted Research
Project Type: Grant - Research

Project Title: A Model of Communication Effectiveness for Ethnic Community Organizations: Impact on the Health of Asian

American Urban Residents

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%

Award Amount: \$157,411.00

Cost Center: 00730 / 5043 / H0065 / B0001 / G107056 / 53357

Agency: WYLE Laboratories

Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center

Agency Type: FEDERAL

Duration: 5/1/2013 to 4/30/2015

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 - Serkan Golge

Investigator: Layne, Charles S. Dr. 100%

Award Amount: \$63,424.20

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 4/30/2015

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

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%

Award Amount: \$50,948.59

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 4/30/2015

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: \$25,000.00

Cost Center: 00730 / 5043 / H0065 / B0001 / G107344 / 53962

Agency: WYLE Laboratories

Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center

Agency Type: FEDERAL

Duration: 6/1/2013 to 4/30/2015

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 - Joshua Yellen

History

Investigator: O'Brien, Thomas F. Dr. 100%

Award Amount: \$65,586.00

 $\textbf{Cost Center:} \ \ 00730 \ / \ 5022 \ / \ H0089 \ / \ A0001 \ / \ C107107 \ / \ 53656$

Agency: Various Private Profit Agencies

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 9/1/2000 to 8/31/2020

CFDA:

CB Designation: Non Restricted Research
Project Type: Other Support - Instruction

Project Title: Interest Bearing Account for NEH-Supported African and African-American Studies at the University of Houston

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Spitzmueller, Christiane Dr. 100%

Award Amount: \$13,000.00

Cost Center: 00730 / 5022 / H0125 / B0001 / C109104 / 56333

Agency: Convergent Performance

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 8/1/2014 to 5/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Second Survey-Based Safety Culture Assessment for Convergent Performance

Investigator: Venta, Amanda Ms. 100%

Award Amount: \$35,327.00

Cost Center: 00730 / 5013 / H0125 / B0001 / G105729 / 53741

Agency: National Institute of Mental Health

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 8/1/2013 to 7/31/2015

CFDA: 93.242 Mental Health Research Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Oxytocin and Social Engagement

Investigator: Leasure, J. Leigh Dr. 100%

Award Amount: \$173,356.00

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 8/31/2015

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

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Pennings, Steve Dr. 50%

Award Amount: \$46,250.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G108975 / 56022

Agency: U.S. Geological Survey

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/7/2014 to 9/6/2015

CFDA: 66.001 Air Pollution Control Program Support

CB Designation: Restricted Research

Project Type: Co-Op Agreement - Research

Project Title: Establishing A Foundation For Evaluating The Ecological Implications of Climate Change Along A Gradient in

Macroclimatic Drivers of Coastal Wetland Ecosystems

Investigator: Schwartz, Robert Dr. 100%

Award Amount: \$44,186.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G109264 / 56446

Agency: Sanford-Burnham Institute of Medical Research

Pass_Thru Agency: National Institutes of Health

Agency Type: FEDERAL

Duration: 8/30/2014 to 3/31/2015

CFDA: 93.837 Heart and Vascular Diseases Research

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: microRNAs and integrative control of cardiopoiesis

Earth & Atmospheric Sciences

Investigator: Khan, Shuhab Dr. 100%

Award Amount: \$96,676.00

Cost Center: 00730 / 5013 / H0109 / B0001 / C106421 / 54164

Agency: National Academy of Sciences

Pass_Thru Agency: U. S. Agency for International Development

Agency Type: FEDERAL

Duration: 10/1/2013 to 9/30/2015

CFDA: 98.001 US Agency for International Development

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Neotectonic Studies of Chaman Fault W. Pakistan

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Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Mann, Paul Dr. 100%

Award Amount: \$180,000.00

Cost Center: 00730 / 5022 / H0109 / B0001 / C106782 / 52937

Agency: Various Private Profit Agencies

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 9/1/2012 to 8/31/2018

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Investigator: Khan, Shuhab Dr. 100%

Award Amount: \$240,000.00

Cost Center: 00730 / 5022 / H0109 / B0001 / C108880 / 56373

Agency: Repsol Services Company

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 10/1/2014 to 10/1/2016

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: High Resolution, Ground-Based, Terrestrial Laser Scanner, Hyperspectral Imaging and GPR Assisted Study of

Fractures

Physics

Investigator: Freundlich, Alexandre Dr. 20%

Award Amount: \$37,000.00

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 7/31/2015 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Ren, Zhifeng Dr. 50%

Award Amount: \$120,000.50

Cost Center: 00730 / 5013 / H0452 / B0001 / G106517 / 52710

Agency: Massachusetts Institute of Technology

Pass_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

Duration: 12/1/2012 to 7/31/2015

CFDA: 81.049 Office of Energy Research Financial Assistance Program

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Solid-State Solar-Thermal Energy Conversion Center (S3TEC Center)

COLLEGE OF PHARMACY

Clinical Pharmacy & Administration

Investigator: Garey, Kevin Dr. 100%

Award Amount: \$171,798.00

Cost Center: 00730 / 5016 / H0118 / B0001 / G108992 / 56327

Agency: Texas Department of State Health Services

Pass_Thru Agency: State of Texas

Agency Type: STATE

Duration: 9/1/2014 to 8/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Community Household Environmental Studies on Potentially Pathogenic Clostridium Difficile

Pharmacological and Pharmaceutical Sciences

Investigator: Ghose, Romi Dr. 100%

Award Amount: \$8,700.00

Cost Center: 00730 / 5022 / H0117 / B0001 / C109093 / 56330

Agency: Zone Labs, Inc.

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 10/15/2014 to 9/30/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Role of dietary factors on resolvin concentration in mice

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Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

COLLEGE OF TECHNOLOGY

Engineering Technology

Investigator: Gurkan, Deniz Dr. 100%

Award Amount: \$44,778.00

Cost Center: 00730 / 5043 / H0139 / B0001 / G106754 / 54336

Agency: BBN Technologies Corp.

Pass_Thru Agency: National Science Foundation

Agency Type: FEDERAL

Duration: 10/1/2013 to 9/30/2015

CFDA: 47.070 Computer and Information Science and Engineering (CISE)

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: GENI as a Research & Development Lab: Advanced Experiments and Industry-partnered Sustainability

Texas Manufacturing Assistance Center

Investigator: Cline, Raymond Dr. 100%

Award Amount: \$10,833.00

Cost Center: 00730 / 5022 / H0281 / C0001 / C107757 / 54548

Agency: Various Private Profit Agencies

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 9/1/2013 to 8/31/2014

CFDA:

CB Designation: Non Research

Project Type: Other Support - Public Service

Project Title: Program Income TMAC-19 Texas Manufacturing Assistance Center GY19

Investigator: Cline, Raymond Dr. 100%

Award Amount: \$31,316.00

Cost Center: 00730 / 5015 / H0281 / C0001 / G107475 / 54407

Agency: University of Texas at Arlington
Pass_Thru Agency: U.S. Department of Commerce

Agency Type: FEDERAL

Duration: 9/1/2013 to 8/31/2014

CFDA: 11.611 Manufacturing Extension Partnership

CB Designation: Non Research
Project Type: Grant - Public Service

Project Title: Texas Manufacturing Assistance Center GY19

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Division of Research

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CULLEN COLLEGE OF ENGINEERING

Biomedical Engineering

Investigator: Ince, Nuri Dr. 100%

Award Amount: \$18,514.00

Cost Center: 00730 / 5013 / H0071 / B0001 / G108423 / 55384

Agency: Minneapolis VA Health Care System

Pass_Thru Agency: Veterans Administration

Agency Type: FEDERAL

Duration: 5/2/2014 to 5/1/2016

CFDA: 64.016 Veterans State Hospital Care

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Local Field Potentials Recorded from Deep Brain Stimulating Electrodes Implanted for the Treatment of Parkinson's

Disease

Chemical Engineering

Investigator: Qin, Guan Dr. 100%

Award Amount: \$200,000.00

Cost Center: 00730 / 5022 / H0067 / B0001 / C105971 / 55738

Agency: SOUL Data Computing

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 6/1/2014 to 5/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Research & Software Development on Estimating Stimulated Reservoir Volume (SRV) and Production Performance

Investigator: Krishnamoorti, Ramanan Dr. 10%

Award Amount: \$87,240.30

Cost Center: 00730 / 5043 / H0070 / B0001 / C108346 / 56309

Agency: U.S. Department of Interior - Minerals Management

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 1/1/2015 to 12/31/2016

CFDA: 15.423 Minerals Management (MMS) Environmental Studies Program (ESP)

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Distributed chemical sensing for sub-surface oil spill sensing

UNIVERSITY OF HOUSTON

Division of Research

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CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Rifai, Hanadi Dr. 100%

Award Amount: \$20,000.00

Cost Center: 00730 / 5014 / H0068 / B0001 / G108967 / 56118

Agency: Texas Commission on Environmental Quality

Pass_Thru Agency: U.S. Environmental Protection Agency

Agency Type: FEDERAL

Duration: 9/1/2014 to 11/30/2015

CFDA: 66.419 Water Polution 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

and the Armand Bayou Watershed

Investigator: Rifai, Hanadi Dr. 100%

Award Amount: \$40,000.00

Cost Center: 00730 / 5014 / H0068 / B0001 / G108966 / 56141

Agency: Texas Commission on Environmental Quality

Pass_Thru Agency: U.S. Environmental Protection Agency

Agency Type: FEDERAL

Duration: 9/1/2014 to 11/30/2015

CFDA: 66.419 Water Polution Control - State and Interstate Program Support

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Support for five Total Maximum Daily Load (TMDL) Additions in

The Upper San Antonio River Watershed

Investigator: Chellam, Shankar Dr. 100%

Award Amount: \$150,000.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G108511 / 56193

Agency: U.S. Department of the Interior - Bureau of Reclamation

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/23/2014 to 10/31/2015

CFDA: 15.506 Water Desalination Research and Development Program

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Advanced pretreatment for nanofiltration of brackish surface water: Fouling control and water quality improvements

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Rodrigues, Debora Dr. 50%

Award Amount: \$14,468.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G108464 / 55888

Agency: National Science Foundation

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/1/2014 to 8/31/2015 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Collaborative Research: Career Development: From Senior Undergraduates to Navigating Assistant Professorship

Investigator: Mo, Yi-Lung Dr. 100%

Award Amount: \$235,489.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G108334 / 56285

Agency: U.S. Department of Energy

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 10/1/2014 to 9/30/2017

CFDA: 81.121 Nuclear Energy Research, Development and Demonstration

CB Designation: Restricted Research

Project Type: Co-Op Agreement - Research

Project Title: Periodic Material-Based Seismic Base Isolators for Small Modular Reactors

Investigator: Rodrigues, Debora Dr. 50%

Award Amount: \$88,068.00

Cost Center: 00730 / 5043 / H0068 / B0001 / G107433 / 56304

Agency: Clearview Subsea, LLC
Pass_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

Duration: 10/16/2014 to 10/15/2016

CFDA: 81.089 Fossil Energy Research and Development

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Measuring Oil Concentration in Subsea Produced Water Discharge

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Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Rifai, Hanadi Dr. 50%

Award Amount: \$88,068.00

Cost Center: 00730 / 5043 / H0068 / B0001 / G107433 / 56304

Agency: Clearview Subsea, LLC
Pass_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

Duration: 10/16/2014 to 10/15/2016

CFDA: 81.089 Fossil Energy Research and Development

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Measuring Oil Concentration in Subsea Produced Water Discharge

Investigator: Dawood, Mina Dr. 50%

Award Amount: \$89,166.00

Cost Center: 00730 / 5016 / H0068 / B0001 / G107245 / 56140

Agency: Texas Department of Transportation

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2014 to 8/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Fatigue Resistance and Reliability of High Mast Illumination Poles (HMIPs) with Pre-existing Cracks

Investigator: Gencturk, Bora Dr. 50%

Award Amount: \$89,166.00

Cost Center: 00730 / 5016 / H0068 / B0001 / G107245 / 56140

Agency: Texas Department of Transportation

Pass_Thru Agency:

Agency Type: STATE

Duration: 9/1/2014 to 8/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Fatigue Resistance and Reliability of High Mast Illumination Poles (HMIPs) with Pre-existing Cracks

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Civil Engineering

Investigator: Rifai, Hanadi Dr. 100%

Award Amount: \$110,000.00

Cost Center: 00730 / 5014 / H0068 / B0001 / G108979 / 56142

Agency: Texas Commission on Environmental Quality

Pass_Thru Agency: U.S. Environmental Protection Agency

Agency Type: FEDERAL

Duration: 9/3/2014 to 11/30/2015

CFDA: 66.419 Water Polution Control - State and Interstate Program Support

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Fourteen Total Maximum Daily Loads (TMDLs) for Nickel

In the Houston Ship Channel System (HSC)

Electrical & Computer Engineering

Investigator: Chen, Jinghong 100%

Award Amount: \$161,292.00

Cost Center: 00730 / 5013 / H0070 / B0001 / G108878 / 56481

Agency: National Science Foundation

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/1/2014 to 6/30/2015 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Collaborative Research: A Novel Wireless Power Transmission Architecture for Devices Implanted in Human Bodies

Investigator: Claydon, Frank Dr. 50%

Award Amount: \$14,468.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G108464 / 55888

Agency: National Science Foundation

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/1/2014 to 8/31/2015

CFDA: 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Collaborative Research: Career Development: From Senior Undergraduates to Navigating Assistant Professorship

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Chen, Yuhua Dr. 100%

Award Amount: \$30,000.00

Cost Center: 00730 / 5022 / H0070 / B0001 / C106370 / 53846

Agency: Various Private Profit Agencies

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 8/1/2013 to 7/31/2018

CFDA:

CB Designation: Non Restricted Research
Project Type: Grant - Research

Project Title: Membership - Systems Research and Education Consortium (SREC)

Investigator: Han, Zhu Dr. 10%

Award Amount: \$87,240.30

Cost Center: 00730 / 5043 / H0070 / B0001 / C108346 / 56309

Agency: U.S. Department of Interior - Minerals Management

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 1/1/2015 to 12/31/2016

CFDA: 15.423 Minerals Management (MMS) Environmental Studies Program (ESP)

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Distributed chemical sensing for sub-surface oil spill sensing

Investigator: Shih, Wei-Chuan Dr. 40%

Award Amount: \$348,961.20

Cost Center: 00730 / 5043 / H0070 / B0001 / C108346 / 56309

Agency: U.S. Department of Interior - Minerals Management

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 1/1/2015 to 12/31/2016

CFDA: 15.423 Minerals Management (MMS) Environmental Studies Program (ESP)

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Distributed chemical sensing for sub-surface oil spill sensing

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Prasad, Saurabh Dr. 100%

Award Amount: \$76,328.00

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 7/31/2015

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

Investigator: Jackson, David R. Dr. 100%

Award Amount: \$25,000.00

Cost Center: 00730 / 5022 / H0070 / B0001 / C106968 / 53975

Agency: Various Private Profit Agencies

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 9/1/2013 to 8/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Well Logging Consortium

Investigator: Freundlich, Alexandre Dr. 20%

Award Amount: \$37,000.00

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 7/31/2015 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Industrial Engineering

Investigator: Lim, Gino Jinho Dr. 100%

Award Amount: \$22,184.00

Cost Center: 00730 / 5022 / H0072 / B0001 / G109054 / 56382

Agency: Global Oncology One, Inc.

Pass_Thru Agency:

Agency Type: PROFIT

Duration: 10/1/2014 to 9/30/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Development of computational techniques for fully automated intensity modulated radiation therapy (IMRT) -

Graduate Student Li Liao

Mechanical Engineering

Investigator: Ryou, Jae-Hyun Dr. 33%

Award Amount: \$125,585.46

Cost Center: 00730 / 5013 / H0073 / B0001 / G108306 / 56269

Agency: U.S. Department of Energy - Golden Field Office

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/30/2014 to 9/29/2015

CFDA: 81.087 Renewable Energy Research and Development

CB Designation: Restricted Research

Project Type: Co-Op Agreement - Research

Project Title: High Efficiency, Inexpensive Thin Film III-V Photovoltaics using Single-Crystalline-Like, Flexible Substrates

Investigator: Selvamanickam, Venkat Dr. 67%

Award Amount: \$254,976.54

Cost Center: 00730 / 5013 / H0073 / B0001 / G108306 / 56269

Agency: U.S. Department of Energy - Golden Field Office

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/30/2014 to 9/29/2015

CFDA: 81.087 Renewable Energy Research and Development

CB Designation: Restricted Research

Project Type: Co-Op Agreement - Research

Project Title: High Efficiency, Inexpensive Thin Film III-V Photovoltaics using Single-Crystalline-Like, Flexible Substrates

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

CULLEN COLLEGE OF ENGINEERING

Mechanical Engineering

Investigator: Ardebili, Haleh Dr. 50%

Award Amount: \$25,000.00

Cost Center: 00730 / 5015 / H0073 / B0001 / G097498 / 45836

Agency: Texas Engineering Experiment Station

Pass_Thru Agency: National Science Foundation

Agency Type: FEDERAL

Duration: 9/1/2009 to 8/31/2015

CFDA: 47.049 Mathematical and Physical Sciences

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: International Institute on Multifunctional Materials for Energy Conversion (IIMEC)

Investigator: Sharma, Pradeep Dr. 50%

Award Amount: \$25,000.00

Cost Center: 00730 / 5015 / H0073 / B0001 / G097498 / 45836

Agency: Texas Engineering Experiment Station

Pass_Thru Agency: National Science Foundation

Agency Type: FEDERAL

Duration: 9/1/2009 to 8/31/2015

CFDA: 47.049 Mathematical and Physical Sciences

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: International Institute on Multifunctional Materials for Energy Conversion (IIMEC)

Nanosystem Manufacturing Center

Investigator: Shih, Wei-Chuan Dr. 40%

Award Amount: \$348,961.20

Cost Center: 00730 / 5043 / H0070 / B0001 / C108346 / 56309

Agency: U.S. Department of Interior - Minerals Management

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 1/1/2015 to 12/31/2016

CFDA: 15.423 Minerals Management (MMS) Environmental Studies Program (ESP)

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Distributed chemical sensing for sub-surface oil spill sensing

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

DIVISION OF RESEARCH

Center for Advanced Materials

Investigator: Freundlich, Alexandre Dr. 60%

Award Amount: \$111,000.00

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 7/31/2015 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: ERC for Quantum Energy and Sustainable Solar Technologies

Houston Coastal Center

Investigator: Pennings, Steve Dr. 50%

Award Amount: \$46,250.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G108975 / 56022

Agency: U.S. Geological Survey

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 9/7/2014 to 9/6/2015

CFDA: 66.001 Air Pollution Control Program Support

CB Designation: Restricted Research

Project Type: Co-Op Agreement - Research

Project Title: Establishing A Foundation For Evaluating The Ecological Implications of Climate Change Along A Gradient in

Macroclimatic Drivers of Coastal Wetland Ecosystems

TcSUH

Investigator: Ren, Zhifeng Dr. 50%

Award Amount: \$120,000.50

Cost Center: 00730 / 5013 / H0452 / B0001 / G106517 / 52710

Agency: Massachusetts Institute of Technology

Pass_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

Duration: 12/1/2012 to 7/31/2015

CFDA: 81.049 Office of Energy Research Financial Assistance Program

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Solid-State Solar-Thermal Energy Conversion Center (S3TEC Center)

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2015 - Received during NOVEMBER

GRADUATE COLLEGE OF SOCIAL WORK

Center for Health Equities & Evaluation Research

Investigator: Torres, Isabel Dr. 100%

Award Amount: \$149,652.00

Cost Center: 00730 / 5013 / H0662 / B0001 / G103309 / 48641

Agency: National Cancer Institute

Pass_Thru Agency:

Agency Type: FEDERAL

Duration: 2/1/2011 to 8/31/2015

CFDA: 93.398 Cancer Research Manpower

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: End-of-life Treatment Preferences of Latino Medicare Beneficiaries with Cancer

Child & Family for Innovative Research

Investigator: Torres-Hostos, Luis Dr. 100%

Award Amount: \$165,103.00

Cost Center: 00730 / 5013 / H0509 / B0001 / G107885 / 55015

Agency: University of Minnesota

Pass_Thru Agency: National Institute on Drug Abuse

Agency Type: FEDERAL

Duration: 1/1/2014 to 7/31/2015

CFDA: 93.279 Drug Abuse Research Programs

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Effectiveness of Recovery High Schools as Continuing Care-Houston Site

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$3,984,045.37 State Funding: \$1,532,240.92 Local Funding: \$0.00 Profit Funding: \$795,303.00 Non Profit Funding: \$0.00 Foundation Funding: \$15,000.00 University Funding: \$0.00

Total: \$6,326,589.29