

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during MAY

C.T. BAUER COLLEGE OF BUSINESS

Dean, Business Administration

Investigator: Ramchand, Latha Dr. 100%
Award Amount: \$121,250.00
Cost Center: 00730 / 5999 / H0041 / B0100 / C108431 / 55284
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match CTBF Faculty Research Support

COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Dominey, Wallace Dr. 70%
Award Amount: \$385,000.00
Cost Center: 00730 / 5014 / H0062 / A0001 / G107514 / 54894
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 2/1/2014 to 4/30/2015
CFDA: 84.367 Improving Teacher Quality State Grants
CB Designation: Non Research
Project Type: Grant - Instruction
Project Title: Science Teaching Equity Program- Grades 4 through 12

Dean, Education

Investigator: Wineburg, Mona Dr. 100%
Award Amount: \$421,500.00
Cost Center: 00730 / 5999 / H0058 / B0100 / C108425 / 55278
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match College of Education Houston Endowment

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Fiscal Year 2014 - Received during MAY

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Communication Disorders

Investigator: Maher, Lynn Dr. 100%
Award Amount: \$51,417.00
Cost Center: 00730 / 5021 / H0087 / C0001 / C107774 / 54542
Agency: United Way of Greater Houston
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/1/2014 to 12/31/2014
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: United Way Support for Services:2014

Dean, Liberal Arts and Social Sciences

Investigator: Roberts, John Dr. 100%
Award Amount: \$1,050,000.00
Cost Center: 00730 / 5999 / H0082 / B0100 / C108433 / 55286
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match Graduate Fellowships

Investigator: Roberts, John Dr. 100%
Award Amount: \$130,001.00
Cost Center: 00730 / 5999 / H0082 / B0100 / C108435 / 55290
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match Economics Professorship

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

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$49,294.24
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 6/30/2014
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

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$63,878.00
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 6/30/2014
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: \$65,588.00
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 6/30/2014
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

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

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$50,768.72
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 6/30/2014
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: \$41,468.45
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 6/30/2014
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

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$41,271.99
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 6/30/2014
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

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$45,000.00
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 6/30/2014
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: \$31,000.00
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 6/30/2014
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: \$55,764.48
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 6/30/2014
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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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Health and Human Performance

Investigator: Layne, Charles S. Dr. 100%
Award Amount: \$51,337.92
Cost Center: 00730 / 5043 / H0065 / B0001 / G105753 / 51656
Agency: WYLE Laboratories
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center
Agency Type: FEDERAL
Duration: 9/1/2012 to 6/30/2014
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 - Jamie Guined

Psychology

Investigator: Neighbors, Clayton Dr. 100%
Award Amount: \$233,570.00
Cost Center: 00730 / 5021 / H0125 / B0001 / G107495 / 54707
Agency: National Center for Responsible Gaming
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 1/15/2014 to 1/15/2016
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evaluation and Implementation of Personalized Normative Feedback for CollegeGambling.org

Investigator: Sharp, Carla Dr. 100%
Award Amount: \$20,000.00
Cost Center: 00730 / 5021 / H0125 / B0100 / C107519 / 54755
Agency: American Psychoanalytic Association
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 5/1/2014 to 4/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The effects of exogenous oxytocin on mentalizing and the moderating role of attachment security in adolescents with borderline traits

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Carlson, Coleen Dr. 20%
Award Amount: \$51,575.20
Cost Center: 00730 / 5013 / H0288 / B0001 / G106043 / 54163
Agency: University of Missouri
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 9/13/2013 to 7/31/2014
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Autism Impact Measure: A New Tool for Treatment Outcome Measurement

Investigator: Ha, Carolyn Ms. 100%
Award Amount: \$34,915.00
Cost Center: 00730 / 5013 / H0125 / B0100 / G105728 / 52922
Agency: National Institute of Mental Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2013 to 5/31/2015
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Effects of Intranasal Oxytocin on Social Cognitive Functioning in Adolescents with Borderline Personality Disorder compared to a sample of Non-clinical Adolescents

Investigator: Spitzmueller, Christiane Dr. 100%
Award Amount: \$10,200.00
Cost Center: 00730 / 5022 / H0125 / B0001 / C106374 / 55163
Agency: Convergent Performance
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 11/1/2012 to 5/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Survey-Based Safety Culture Assessment for Convergent Performance

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Francis, David Dr. 15%**Award Amount:** \$2,617.47**Cost Center:** 00730 / 5021 / H0288 / B0001 / C108395 / 55339**Agency:** Educational Testing Service**Pass_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 4/15/2014 to 6/30/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Reading for Understanding (RFU) large-scale study

Investigator: Carlson, Coleen Dr. 15%**Award Amount:** \$2,617.47**Cost Center:** 00730 / 5021 / H0288 / B0001 / C108395 / 55339**Agency:** Educational Testing Service**Pass_Thru Agency:****Agency Type:** NON PROFIT**Duration:** 4/15/2014 to 6/30/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Reading for Understanding (RFU) large-scale study

School of Communication**Investigator:** Vardeman-Winter, Jennifer Dr. 60%**Award Amount:** \$69,000.00**Cost Center:** 00730 / 5016 / H0084 / B0001 / G107345 / 54753**Agency:** The Texas Department of Housing and Community Affairs (TDHCA)**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 10/29/2013 to 8/31/2014**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Contract - Research**Project Title:** Affordable Multifamily Housing Primer

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during MAY****COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****School of Communication**

Investigator: Kelley, Larry Dr. 40%
Award Amount: \$46,000.00
Cost Center: 00730 / 5016 / H0084 / B0001 / G107345 / 54753
Agency: The Texas Department of Housing and Community Affairs (TDHCA)
Pass_Thru Agency:
Agency Type: STATE
Duration: 10/29/2013 to 8/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Contract - Research
Project Title: Affordable Multifamily Housing Primer

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

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$6,500.00
Cost Center: 00730 / 5021 / H0104 / B0100 / C108195 / 54852
Agency: Embassy of France in the United States
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 3/1/2014 to 9/30/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: USA in Computational Surgery and Medicine

Investigator: Frigo, Daniel Dr. 50%
Award Amount: \$7,500.00
Cost Center: 00730 / 5021 / H0515 / B0001 / C108159 / 55167
Agency: Golfers Against Cancer
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/28/2014 to 2/27/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Validation of a Next-Generation Inhibitor of Autophagy for the Treatment of Aggressive Prostate Cancer

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Cole, Blaine J. Dr. 25%**Award Amount:** \$14,284.50**Cost Center:** 00730 / 5013 / H0104 / B0001 / G104024 / 50831**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/1/2012 to 4/30/2017**CFDA:** 47.074 Biological Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** LTREB: Sources of variation in lifetime fitness of harvester ants.

Investigator: Yeo, Hye-Jeong Dr. 100%**Award Amount:** \$75,000.00**Cost Center:** 00730 / 5021 / H0104 / B0001 / C107909 / 55359**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Structural Studies of Novel Lipoproteins

Investigator: Garbey, Marc Dr. 100%**Award Amount:** \$50,000.00**Cost Center:** 00730 / 5013 / H0104 / B0001 / G108310 / 55302**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/1/2014 to 4/30/2015**CFDA:** 47.041 Engineering Grants**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** I-CORP Team: Cyber Enabling Laparoscopy Devices

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

Investigator: Wang, Yuhong Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0104 / B0001 / C108480 / 55360
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The kinetics and conformational changes during the peptidyl transferase reaction in single ribosomes

Investigator: Wiernasz, Diane Dr. 25%
Award Amount: \$14,284.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

Center for Nuclear Receptors and Cell Signaling

Investigator: Frigo, Daniel Dr. 50%
Award Amount: \$7,500.00
Cost Center: 00730 / 5021 / H0515 / B0001 / C108159 / 55167
Agency: Golfers Against Cancer
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 2/28/2014 to 2/27/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Validation of a Next-Generation Inhibitor of Autophagy for the Treatment of Aggressive Prostate Cancer

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Halasyamani, P. Shiv Dr. 100%**Award Amount:** \$75,000.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C108479 / 55331**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Synthesis, Crystal Growth, and Structure-Property Relationships in New Multi-Functional Polar Oxide Materials

Investigator: Thummel, Randolph P. Dr. 100%**Award Amount:** \$75,000.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C107908 / 55362**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** 6-5 Chelators: A New Paradigm in Polypyridine Chemistry

Investigator: Daugulis, Olafs Dr. 100%**Award Amount:** \$100,000.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C108473 / 55329**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Transition Metal Catalysis in Direct Arene and Alkane Functionalization

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: May, Jeremy Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108476 / 55392
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Total Synthesis of Bioactive Natural Products via Novel Strategies

Investigator: Kadish, Karl M. Dr. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108475 / 55333
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers

Investigator: Bittner, Eric R. Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108483 / 55327
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Theory and simulation of excited state electronic dynamics in organic solar cells

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Bott, Simon G. Dr. 10%
Award Amount: \$55,000.00
Cost Center: 00730 / 5014 / H0062 / A0001 / G107514 / 54894
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 2/1/2014 to 4/30/2015
CFDA: 84.367 Improving Teacher Quality State Grants
CB Designation: Non Research
Project Type: Grant - Instruction
Project Title: Science Teaching Equity Program- Grades 4 through 12

Investigator: Guloy, Arnold M. Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108474 / 55330
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Chemical Bonding and Reactivity of Intermetallics along the Border between Metals and Nonmetals

Investigator: Daugulis, Olafs Dr. 100%
Award Amount: \$285,950.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G105517 / 53062
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 6/1/2013 to 5/31/2017
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: New Methods for Direct Carbon-Hydrogen Bond Functionalization

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Hoffman, David M. Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108481 / 55332
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Synthesis of Metal Complexes with Sterically Encumbered Ketimide Ligands

Investigator: Yang, Ding-Shyue Prof. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C107904 / 55358
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ultrafast Structural Dynamics of Molecular Assemblies at Interfaces

Investigator: Cai, Chengzhi Dr. 100%
Award Amount: \$130,306.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G104628 / 51336
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/15/2012 to 6/30/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Benign E. coli adhesion and biofilm formation on mannoside surfaces

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: Miljanic, Ognjen Dr. 100%**Award Amount:** \$240,000.00**Cost Center:** 00730 / 5013 / H0107 / B0001 / G104099 / 50333**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2012 to 5/31/2017**CFDA:** 47.049 Mathematical and Physical Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CAREER: Kinetic Self-Sorting of Dynamic Combinatorial Libraries

Investigator: Miljanic, Ognjen Dr. 100%**Award Amount:** \$60,000.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C107906 / 55336**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Shape-Persistent Fluorophores Based on Benzimidazoles and Tetrasubstituted Silanes

Investigator: Coltart, Don Dr. 100%**Award Amount:** \$60,000.00**Cost Center:** 00730 / 5021 / H0107 / B0001 / C108472 / 55328**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** New Catalytic Asymmetric Carbon-Carbon Bond Forming Methods

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Chemistry

Investigator: May, Jeremy Dr. 100%
Award Amount: \$600,000.00
Cost Center: 00730 / 5013 / H0107 / B0001 / G107289 / 55198
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2014 to 3/31/2019
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Synthesis of Bridged Polycyclic Natural Products via Intramolecular C-H Insertion

Investigator: Cai, Chengzhi Dr. 20%
Award Amount: \$73,745.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

Investigator: Lee, T. Randall Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108223 / 55334
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Aliphatic Xanthates and Analogs for Tailored Surfaces and Nanoparticle Coatings

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New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during MAY

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Chemistry**

Investigator: Lubchenko, Vassily Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0107 / B0001 / C108217 / 55335
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Predicting the Structure of Complex Inorganic Solids

Computer Science

Investigator: Cheng, Albert M. K. Dr. 100%
Award Amount: \$16,000.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G108302 / 55340
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/2/2014 to 8/31/2015
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: SHF: Small: Real-Time Scheduling and Analysis of Functional Reactive Systems (REU Supplement)

Investigator: Chapman, Barbara M. Dr. 100%
Award Amount: \$25,000.00
Cost Center: 00730 / 5021 / H0108 / B0001 / G104600 / 50290
Agency: Oak Ridge Associated Universities
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 2/1/2012 to 1/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: A similarity-based analysis tool for pattern derivation and large scale program restructuring

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

Investigator: Garbey, Marc Dr. 100%
Award Amount: \$112,449.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G106022 / 53410
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/15/2013 to 3/31/2018
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research:Full Center Grant:I/UCRC for Cyber-PhysicalSystems for the Hospital Operating Rm

Investigator: Gnawali, Omprakash Dr. 100%
Award Amount: \$77,902.00
Cost Center: 00730 / 5013 / H0108 / B0001 / G108237 / 55133
Agency: Johns Hopkins University
Pass_Thru Agency:
Agency Type: UNIVERSITY
Duration: 1/1/2014 to 12/31/2014
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Optimizing Networking for Sensing Application Deployments in Remote Locations

Investigator: Leiss, Ernst L. Dr. 20%
Award Amount: \$72,000.20
Cost Center: 00730 / 5013 / H0108 / B0001 / G107356 / 55273
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2014 to 4/30/2017
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Site: Undergraduate Research Experience in Computational Science

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

Investigator: Huang, Shou-Hsuan Dr. 20%
Award Amount: \$72,000.20
Cost Center: 00730 / 5013 / H0108 / B0001 / G107356 / 55273
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2014 to 4/30/2017
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Site: Undergraduate Research Experience in Computational Science

Investigator: Kakadiaris, Ioannis Dr. 20%
Award Amount: \$72,000.20
Cost Center: 00730 / 5013 / H0108 / B0001 / G107356 / 55273
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2014 to 4/30/2017
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Site: Undergraduate Research Experience in Computational Science

Investigator: Pavlidis, Ioannis Dr. 20%
Award Amount: \$72,000.20
Cost Center: 00730 / 5013 / H0108 / B0001 / G107356 / 55273
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2014 to 4/30/2017
CFDA: 47.070 Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: REU Site: Undergraduate Research Experience in Computational Science

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Computer Science

Investigator: Verma, Rakesh M. Dr. 20%**Award Amount:** \$72,000.20**Cost Center:** 00730 / 5013 / H0108 / B0001 / G107356 / 55273**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 5/1/2014 to 4/30/2017**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** REU Site: Undergraduate Research Experience in Computational Science

Investigator: Chapman, Barbara M. Dr. 100%**Award Amount:** \$80,000.00**Cost Center:** 00730 / 5022 / H0108 / B0001 / G098867 / 44268**Agency:** Total**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 2/1/2009 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Co-Array Fortran Language Enhancement and Reference Implementation

Investigator: Pavlidis, Ioannis Dr. 50%**Award Amount:** \$80,813.63**Cost Center:** 00730 / 5022 / H0288 / B0001 / G106793 / 55148**Agency:** Texas Transportation Institute**Pass_Thru Agency:** Toyota Motor Corporation**Agency Type:** PROFIT**Duration:** 1/17/2014 to 1/17/2017**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Toyota Economic Loss Settlement Safety Research

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Dean, Natural Sciences and Mathematics

Investigator: McGhee, Frederick Mr. 100%
Award Amount: \$49,062.50
Cost Center: 00730 / 5999 / H0102 / B0100 / C108427 / 55312
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match NSM McGhee

Investigator: Mann, Paul Dr. 100%
Award Amount: \$30,000.00
Cost Center: 00730 / 5999 / H0102 / B0100 / C108422 / 55279
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match Dr. Mann

Investigator: McGhee, Frederick Mr. 100%
Award Amount: \$375,000.00
Cost Center: 00730 / 5999 / H0102 / B0100 / C108429 / 55282
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match NSM Dr. Baldelli

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Dean, Natural Sciences and Mathematics

Investigator: McGhee, Frederick Mr. 100%
Award Amount: \$463,125.00
Cost Center: 00730 / 5999 / H0102 / B0100 / C108426 / 55277
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match NSM McGhee

Earth & Atmospheric Sciences

Investigator: Brandon, Alan Dr. 100%
Award Amount: \$75,000.00
Cost Center: 00730 / 5013 / H0109 / B0001 / G101620 / 50430
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/4/2012 to 1/3/2015
CFDA: 43.001 Aerospace Education Services Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Isotopic Investigations of Planetary and Solar System Materials

Investigator: Goloshubin, Gennady Dr. 100%
Award Amount: \$224,360.00
Cost Center: 00730 / 5021 / H0109 / B0001 / G101207 / 46563
Agency: West Siberian Research Institute of Geology and Geophysics
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 5/4/2010 to 11/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of algorithms, software and methodical support for Frequency-dependent processing and interpretation of seismic data

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Stewart, Robert Dr. 50%
Award Amount: \$1,000.00
Cost Center: 00730 / 5022 / H0243 / B0001 / C108525 / 55447
Agency: Society of Exploration Geophysicists
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/1/2014 to 9/1/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Geophysics Field School 2014

Investigator: Lefer, Barry Dr. 25%
Award Amount: \$47,250.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G108439 / 55310
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Monitoring related to ozone formation in and particulate matter transport into the Houston Region

Investigator: Han, De-Hua Dr. 100%
Award Amount: \$40,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / C106965 / 53599
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/30/2013 to 12/31/2020
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Fluid & Rock Properties and Seismic Hydrocarbon Indicators

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Earth & Atmospheric Sciences

Investigator: Flynn, James Dr. 25%
Award Amount: \$47,250.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G108439 / 55310
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Monitoring related to ozone formation in and particulate matter transport into the Houston Region

Institute for Climate and Atmospheric Science

Investigator: Flynn, James Dr. 25%
Award Amount: \$47,250.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G108439 / 55310
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Monitoring related to ozone formation in and particulate matter transport into the Houston Region

Investigator: Lefer, Barry Dr. 25%
Award Amount: \$47,250.00
Cost Center: 00730 / 5016 / H0429 / B0001 / G108439 / 55310
Agency: Texas Commission on Environmental Quality
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 6/30/2015
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Monitoring related to ozone formation in and particulate matter transport into the Houston Region

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Olshanskiy, Maxim Dr. 100%
Award Amount: \$80,268.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G106302 / 53607
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2013 to 6/30/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: An Eulerian finite element method for partial differential equations posed on surfaces

Investigator: Jovic, Kresimir Dr. 100%
Award Amount: \$1,270.80
Cost Center: 00730 / 5013 / H0110 / B0001 / G103552 / 49248
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 5/1/2011 to 4/30/2012
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Non Restricted Research
Project Type: Special Research Agreement - Research
Project Title: TCN Training Program: Support of Predoctoral Fellow Rebecca Chen

Investigator: Jovic, Kresimir Dr. 50%
Award Amount: \$38,643.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104362 / 51413
Agency: Rice University
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 7/1/2012 to 4/30/2015
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: The Impact of Delay on Transcriptional Signaling: An Experimental and Mathematical Analysis

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Mathematics

Investigator: Ott, William Dr. 50%
Award Amount: \$38,643.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G104362 / 51413
Agency: Rice University
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 7/1/2012 to 4/30/2015
CFDA: 93.859 Pharmacology, Physiology, and Biological Chemistry Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Research: The Impact of Delay on Transcriptional Signaling: An Experimental and Mathematical Analysis

Physics

Investigator: Whitehead, Lisa Dr. 100%
Award Amount: \$192,000.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104646 / 51197
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2012 to 6/30/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Precision Measurement of Electron Antineutrino Disappearance in the Daya Bay Experiment

Investigator: Su, Wu-Pei Dr. 100%
Award Amount: \$60,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / C107907 / 55337
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Direct Phasing in Macromolecular Crystallography

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Kouri, Donald J. Dr. 100%**Award Amount:** \$75,000.00**Cost Center:** 00730 / 5021 / H0112 / B0001 / C107905 / 55355**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Fundamental Theory of Inverting Scattering Data: Chemical Interactions

Investigator: Weglein, Arthur Dr. 100%**Award Amount:** \$149,100.00**Cost Center:** 00730 / 5022 / H0112 / B0001 / C106694 / 52863**Agency:** Various Private Profit Agencies**Pass_Thru Agency:****Agency Type:** PROFIT**Duration:** 1/1/2013 to 12/31/2014**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Mission-Oriented Seismic Research Program

Investigator: Forrest, Rebecca Dr. 10%**Award Amount:** \$55,000.00**Cost Center:** 00730 / 5014 / H0062 / A0001 / G107514 / 54894**Agency:** Texas Higher Education Coordinating Board**Pass_Thru Agency:** U.S. Department of Education**Agency Type:** FEDERAL**Duration:** 2/1/2014 to 4/30/2015**CFDA:** 84.367 Improving Teacher Quality State Grants**CB Designation:** Non Research**Project Type:** Grant - Instruction**Project Title:** Science Teaching Equity Program- Grades 4 through 12

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**Physics**

Investigator: Cheung, Margaret Dr. 10%
Award Amount: \$55,000.00
Cost Center: 00730 / 5014 / H0062 / A0001 / G107514 / 54894
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency: U.S. Department of Education
Agency Type: FEDERAL
Duration: 2/1/2014 to 4/30/2015
CFDA: 84.367 Improving Teacher Quality State Grants
CB Designation: Non Research
Project Type: Grant - Instruction
Project Title: Science Teaching Equity Program- Grades 4 through 12

Investigator: Lau, Kwong Dr. 44%
Award Amount: \$176,880.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107429 / 54842
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/15/2014 to 3/31/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Particle Physics Research at the University of Houston

Investigator: Hungerford, Ed V. Dr. 40%
Award Amount: \$160,800.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107429 / 54842
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/15/2014 to 3/31/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Particle Physics Research at the University of Houston

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Whitehead, Lisa Dr. 16%
Award Amount: \$64,320.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G107429 / 54842
Agency: U.S. Department of Energy
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/15/2014 to 3/31/2015
CFDA: 81.049 Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Particle Physics Research at the University of Houston

Investigator: Ting, Chin-Sen Dr. 100%
Award Amount: \$100,000.00
Cost Center: 00730 / 5021 / H0112 / B0001 / C108482 / 55361
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Superconductivity in Fe-Pnictides and Strongly Correlated Electron Systems

Investigator: Bassler, Kevin E. Dr. 60%
Award Amount: \$64,161.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104652 / 51665
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Symmetry in the Structure and Dynamics of Complex Networks and Systems

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COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Physics

Investigator: Bassler, Kevin E. Dr. 60%
Award Amount: \$24,225.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104757 / 51548
Agency: University of Notre Dame
Pass_Thru Agency: Defense Advanced Research Projects Agency
Agency Type: FEDERAL
Duration: 8/1/2012 to 4/30/2015
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ensemble-Based Modeling of Large Graphs and Its Applications to Social Networks

COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Leach, Norman Dr. 100%
Award Amount: \$80,355.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C108225 / 55211
Agency: Alcon Research Limited
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/4/2014 to 12/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Alcon C-13-057 Evaluation of Visual Performance with a Multifocal High ADD Soft Contact Lens Design

Investigator: Nichols, Jason Dr. 100%
Award Amount: \$8,000.00
Cost Center: 00730 / 5022 / H0114 / B0001 / C106100 / 52686
Agency: Johnson & Johnson Vision Care Division
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 12/1/2012 to 7/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Inflammatory Effects of Contact Lens Material on the Cornea

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: McDermott, Alison Dr. 80%
Award Amount: \$294,980.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G104189 / 50786
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Role Of Antimicrobial Peptides at the Ocular Surface (changed from Defensins and Corneal Wound Healing)

Investigator: Chino, Yuzo M. Dr. 65%
Award Amount: \$18,720.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Wensveen, Janice Dr. 25%
Award Amount: \$7,200.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

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COLLEGE OF OPTOMETRY**Optometry, Community**

Investigator: Smith III, Earl L. Dr. 5%
Award Amount: \$1,440.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Harwerth, Ronald S. Dr. 5%
Award Amount: \$1,440.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878
Agency: National Eye Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 2/1/2010 to 1/31/2015
CFDA: 93.867 Vision Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Frishman, PhD, Laura J. Dr. 100%
Award Amount: \$25,000.00
Cost Center: 00730 / 5999 / H0114 / B0100 / C108432 / 55285
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match Essilor Vision & Testing

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COLLEGE OF PHARMACY**Pharmacological and Pharmaceutical Sciences**

Investigator: Ghose, Romi Dr. 100%
Award Amount: \$241,043.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G106867 / 54892
Agency: National Institutes of Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/15/2014 to 2/28/2015
CFDA: 93.279 Drug Abuse Research Programs
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Novel in vivo regulatory mechanisms of human CYP3A4

COLLEGE OF TECHNOLOGY**Engineering Technology**

Investigator: Malki, Heidar A. Dr. 100%
Award Amount: \$67,500.00
Cost Center: 00730 / 5999 / H0139 / B0100 / C108430 / 55283
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match TECH Dr.Yuri

CULLEN COLLEGE OF ENGINEERING**Biomedical Engineering**

Investigator: Zhang, Yingchun Prof. 100%
Award Amount: \$230,558.00
Cost Center: 00730 / 5013 / H0071 / B0001 / G106384 / 53481
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 7/1/2013 to 4/30/2016
CFDA: 93.847 Diabetes, Endocrinology and Metabolism Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Electromechanical Modeling Approach in Assessing Female SUI

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during MAY

CULLEN COLLEGE OF ENGINEERING

Biomedical Engineering

Investigator: Ince, Nuri Dr. 100%
Award Amount: \$17,990.00
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

Investigator: Mohan, Chandra Dr. 100%
Award Amount: \$200,000.00
Cost Center: 00730 / 5021 / H0071 / B0001 / C107268 / 55388
Agency: Alliance for Lupus Research
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Bradykinins In Lupus

Center for Innovative Grouting Materials and Tech

Investigator: Vipulanandan, Cumaraswamy Di100%
Award Amount: \$6,000.00
Cost Center: 00730 / 5022 / H0069 / B0001 / C106967 / 53288
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 1/1/2013 to 8/31/2031
CFDA:
CB Designation: Restricted Research
Project Type: Special Research Agreement - Research
Project Title: Center for Innovative Grouting Materials and Technology

UNIVERSITY OF HOUSTON
Division of Research**New/Continuation Sponsored Research Grants and Contracts**
Fiscal Year 2014 - Received during MAY**CULLEN COLLEGE OF ENGINEERING****Center for Integrated Bio and Nano Systems**

Investigator: Yao, Yan Dr. 20%
Award Amount: \$42,058.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G106207 / 52913
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2013 to 4/30/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing Multivalent Ion Intercalation Batteries as High Energy and Safe Marine Distributed Power Sources

Investigator: Bao, Jiming Dr. 50%
Award Amount: \$37,500.00
Cost Center: 00730 / 5021 / H0070 / B0001 / C108477 / 55417
Agency: The Welch Foundation
Pass_Thru Agency:
Agency Type: FOUNDATION
Duration: 6/1/2014 to 5/31/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Understanding Nanocrystalline CoO as an Efficient Photocatalyst for Solar Water Splitting

Chemical Engineering

Investigator: Luss, Dan Dr. 16%
Award Amount: \$172,735.36
Cost Center: 00730 / 5022 / H0067 / B0001 / C106569 / 55170
Agency: Aramco Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Tailoring Exhaust Emissions Control Catalyst Composition and Architecture for Conversion of Pollutants from PCCI Diesel Combustion Engines

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New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during MAY

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Holley, Thomas Dr. 100%
Award Amount: \$375,000.00
Cost Center: 00730 / 5999 / H0067 / B0100 / C108420 / 55274
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match Dr. Thomas Holley

Investigator: Balakotaiah, Vemuri Dr. 16%
Award Amount: \$172,735.36
Cost Center: 00730 / 5022 / H0067 / B0001 / C106569 / 55170
Agency: Aramco Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Tailoring Exhaust Emissions Control Catalyst Composition and Architecture for Conversion of Pollutants from PCCI Diesel Combustion Engines

Investigator: Varadarajan, Navin Dr. 100%
Award Amount: \$30,180.00
Cost Center: 00730 / 5018 / H0067 / B0001 / G103810 / 53089
Agency: University of Texas MD Anderson Cancer Center
Pass_Thru Agency: Cancer Prevention and Research Institute of Texas
Agency Type: STATE
Duration: 12/1/2011 to 11/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: T-Cell Therapy After Hematopoietic Stem Cell Transplantation

UNIVERSITY OF HOUSTON**Division of Research****New/Continuation Sponsored Research Grants and Contracts****Fiscal Year 2014 - Received during MAY****CULLEN COLLEGE OF ENGINEERING****Chemical Engineering****Investigator:** Epling, William Dr. 100%**Award Amount:** \$27,950.00**Cost Center:** 00730 / 5999 / H0067 / B0100 / C108424 / 55275**Agency:** Texas Higher Education Coordinating Board**Pass_Thru Agency:****Agency Type:** STATE**Duration:** 4/1/2014 to 4/30/2099**CFDA:****CB Designation:** Non Restricted Research**Project Type:** Grant - Research**Project Title:** TRIP Match Prof. Epling Research

Investigator: Harold, Michael Dr. 67%**Award Amount:** \$5,943.64**Cost Center:** 00730 / 5019 / H0067 / B0001 / G103481 / 48870**Agency:** Metropolitan Transit Authority**Pass_Thru Agency:****Agency Type:** LOCAL**Duration:** 6/10/2011 to 6/9/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Fuel Consumption Testing for METRO

Investigator: Rooks, Charles Dr. 33%**Award Amount:** \$2,927.47**Cost Center:** 00730 / 5019 / H0067 / B0001 / G103481 / 48870**Agency:** Metropolitan Transit Authority**Pass_Thru Agency:****Agency Type:** LOCAL**Duration:** 6/10/2011 to 6/9/2013**CFDA:****CB Designation:** Restricted Research**Project Type:** Contract - Research**Project Title:** Fuel Consumption Testing for METRO

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during MAY

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Stein, Gila Dr. 100%**Award Amount:** \$100,000.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G104102 / 50569**Agency:** National Science Foundation**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 6/1/2012 to 5/31/2017**CFDA:** 47.049 Mathematical and Physical Sciences**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** CAREER: Controlling the Morphology of Polymer/Fullerene Solar Cells

Investigator: Rimer, Jeffrey Dr. 100%**Award Amount:** \$60,000.00**Cost Center:** 00730 / 5021 / H0067 / B0001 / C108478 / 55354**Agency:** The Welch Foundation**Pass_Thru Agency:****Agency Type:** FOUNDATION**Duration:** 6/1/2014 to 5/31/2015**CFDA:****CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Physicochemical Factors Governing Protein Inhibition of Calcium Oxalate Monohydrate Crystallization

Investigator: Balakotaiah, Vemuri Dr. 100%**Award Amount:** \$50,000.00**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106992 / 54688**Agency:** NASA - National Aeronautics and Space Administration - Glenn Research Center**Pass_Thru Agency:****Agency Type:** FEDERAL**Duration:** 3/1/2014 to 2/28/2017**CFDA:** 43.001 Aerospace Education Services Program**CB Designation:** Restricted Research**Project Type:** Grant - Research**Project Title:** Modeling and Experimental Studies on Gas-Liquid Two-Phase Flow through Packed Beds in Microgravity

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Bangerter, Steve Mr. 100%
Award Amount: \$12,500.00
Cost Center: 00730 / 5999 / H0067 / B0100 / C108437 / 55281
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match ENG

Investigator: Vekilov, Peter Dr. 50%
Award Amount: \$80,745.50
Cost Center: 00730 / 5013 / H0067 / B0001 / G106744 / 54700
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 1/21/2014 to 1/20/2019
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

Investigator: Conrad, Jacinta Prof. 50%
Award Amount: \$80,745.50
Cost Center: 00730 / 5013 / H0067 / B0001 / G106744 / 54700
Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Pass_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)
Agency Type: FEDERAL
Duration: 1/21/2014 to 1/20/2019
CFDA: 43.003 Basic Research, Educational Outreach, or Training in the area of Exploration
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Research Opportunities in Complex Fluids and Macromolecular Biophysics-NRA-NNH13ZTT001N

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Division of Research

New/Continuation Sponsored Research Grants and Contracts

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CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Grabow, Lars Dr. 17%
Award Amount: \$183,531.32
Cost Center: 00730 / 5022 / H0067 / B0001 / C106569 / 55170
Agency: Aramco Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Tailoring Exhaust Emissions Control Catalyst Composition and Architecture for Conversion of Pollutants from PCCI Diesel Combustion Engines

Investigator: Bangerter, Steve Mr. 100%
Award Amount: \$129,375.00
Cost Center: 00730 / 5999 / H0067 / B0100 / C108428 / 55280
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match ENG

Investigator: Harold, Michael Dr. 17%
Award Amount: \$183,531.32
Cost Center: 00730 / 5022 / H0067 / B0001 / C106569 / 55170
Agency: Aramco Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Tailoring Exhaust Emissions Control Catalyst Composition and Architecture for Conversion of Pollutants from PCCI Diesel Combustion Engines

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Chemical Engineering**

Investigator: Epling, William Dr. 34%
Award Amount: \$367,062.64
Cost Center: 00730 / 5022 / H0067 / B0001 / C106569 / 55170
Agency: Aramco Services Company
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 4/1/2014 to 3/31/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Tailoring Exhaust Emissions Control Catalyst Composition and Architecture for Conversion of Pollutants from PCCI Diesel Combustion Engines

Civil Engineering

Investigator: Dawood, Mina Dr. 33%
Award Amount: \$21,003.51
Cost Center: 00730 / 5043 / H0068 / B0001 / G106209 / 53726
Agency: Transportation Research Board of the National Academies
Pass_Thru Agency: U.S. Department of Transportation - Federal Highway Administration
Agency Type: FEDERAL
Duration: 7/22/2013 to 7/21/2014
CFDA: 20.200 Highway Research and Development Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Guide Specifications for the Design of Concrete Bridge Beams Prestressed with CFRP Systems

Investigator: Gencturk, Bora Dr. 33%
Award Amount: \$21,003.51
Cost Center: 00730 / 5043 / H0068 / B0001 / G106209 / 53726
Agency: Transportation Research Board of the National Academies
Pass_Thru Agency: U.S. Department of Transportation - Federal Highway Administration
Agency Type: FEDERAL
Duration: 7/22/2013 to 7/21/2014
CFDA: 20.200 Highway Research and Development Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Guide Specifications for the Design of Concrete Bridge Beams Prestressed with CFRP Systems

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Division of Research
New/Continuation Sponsored Research Grants and Contracts
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CULLEN COLLEGE OF ENGINEERING**Civil Engineering**

Investigator: Belarbi, Abdeldjelil Dr. 34%
Award Amount: \$21,639.98
Cost Center: 00730 / 5043 / H0068 / B0001 / G106209 / 53726
Agency: Transportation Research Board of the National Academies
Pass_Thru Agency: U.S. Department of Transportation - Federal Highway Administration
Agency Type: FEDERAL
Duration: 7/22/2013 to 7/21/2014
CFDA: 20.200 Highway Research and Development Program
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Guide Specifications for the Design of Concrete Bridge Beams Prestressed with CFRP Systems

Investigator: Chellam, Shankar Dr. 100%
Award Amount: \$14,610.00
Cost Center: 00730 / 5021 / H0068 / B0001 / G107024 / 55369
Agency: Texas Engineering Experiment Station
Pass_Thru Agency: Qatar National Research Fund
Agency Type: FOUNDATION
Duration: 2/1/2014 to 1/15/2015
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Disinfection By-Products Removal from Water using Advanced Reduction Processes

Electrical & Computer Engineering

Investigator: Chen, Yuhua Dr. 100%
Award Amount: \$35,000.00
Cost Center: 00730 / 5022 / H0070 / B0001 / C106370 / 53846
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 8/1/2013 to 7/31/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Membership - Systems Research and Education Consortium (SREC)

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Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during MAY

CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Yao, Yan Dr. 50%
Award Amount: \$105,145.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G106207 / 52913
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2013 to 4/30/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing Multivalent Ion Intercalation Batteries as High Energy and Safe Marine Distributed Power Sources

Investigator: Jackson, David R. Dr. 50%
Award Amount: \$30,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G108465 / 55416
Agency: Sandia National Laboratories
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/6/2014 to 9/1/2014
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of Multiple Electromagnetic Sources

Investigator: Chen, Ji Dr. 50%
Award Amount: \$30,000.00
Cost Center: 00730 / 5043 / H0070 / B0001 / G108465 / 55416
Agency: Sandia National Laboratories
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/6/2014 to 9/1/2014
CFDA: 81.105 National Industrial Competitiveness through Energy, Environment, and Economics
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Localization of Multiple Electromagnetic Sources

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CULLEN COLLEGE OF ENGINEERING**Electrical & Computer Engineering**

Investigator: Roysam, Badrinath Dr. 100%
Award Amount: \$43,222.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G105492 / 53287
Agency: Kitware, Inc
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 5/1/2013 to 4/30/2015
CFDA: 93.286 Biomedical Imaging Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Accelerating Community-Driven Medical Innovation with VTK

Mechanical Engineering

Investigator: Selvamanickam, Venkat Dr. 57%
Award Amount: \$341,992.02
Cost Center: 00730 / 5013 / H0073 / B0001 / G107685 / 54804
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2014 to 3/31/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Performance Superconductor Wires for Navy Generator

Investigator: Masson, Philippe Dr. 5%
Award Amount: \$29,999.30
Cost Center: 00730 / 5013 / H0073 / B0001 / G107685 / 54804
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2014 to 3/31/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Performance Superconductor Wires for Navy Generator

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

Investigator: Selvamanickam, Venkat Dr. 60%
Award Amount: \$45,000.00
Cost Center: 00730 / 5043 / H0073 / B0001 / G107631 / 54845
Agency: University of Chicago - Argonne National Laboratory
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 12/2/2013 to 9/30/2014
CFDA: 81.A18 Superconductor Research
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: 2G HTS Tape Development for HTS Undulators

Investigator: Kleis, Stanley J. Dr. 50%
Award Amount: \$5,800.00
Cost Center: 00730 / 5021 / H0073 / B0001 / G105687 / 52035
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/4/2012 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CHARACTERIZATION OF A LINEARLY ACTUATED PULSATILE PUMP FOR VENTRICULAR ASSIST

Investigator: Metcalfe, Ralph W. Dr. 50%
Award Amount: \$5,800.00
Cost Center: 00730 / 5021 / H0073 / B0001 / G105687 / 52035
Agency: Texas Heart Institute
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 6/4/2012 to 5/31/2014
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CHARACTERIZATION OF A LINEARLY ACTUATED PULSATILE PUMP FOR VENTRICULAR ASSIST

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

Investigator: Grigoriadis, Karolos M. Dr. 50%
Award Amount: \$71,094.00
Cost Center: 00730 / 5045 / H0073 / B0001 / G103841 / 52317
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: U.S. Navy Office of Naval Research
Agency Type: FEDERAL
Duration: 8/27/2012 to 2/27/2015
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Modeling and Control for Optimized Fluid and Drug Delivery in Trauma Patient Care

Investigator: Franchek, Matthew Dr. 50%
Award Amount: \$71,094.00
Cost Center: 00730 / 5045 / H0073 / B0001 / G103841 / 52317
Agency: University of Texas Medical Branch at Galveston
Pass_Thru Agency: U.S. Navy Office of Naval Research
Agency Type: FEDERAL
Duration: 8/27/2012 to 2/27/2015
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Modeling and Control for Optimized Fluid and Drug Delivery in Trauma Patient Care

DIVISION OF RESEARCH**Allied Geophysical Laboratories**

Investigator: Stewart, Robert Dr. 50%
Award Amount: \$1,000.00
Cost Center: 00730 / 5022 / H0243 / B0001 / C108525 / 55447
Agency: Society of Exploration Geophysicists
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 5/1/2014 to 9/1/2014
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: Geophysics Field School 2014

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New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**Biology of Behavior Institute**

Investigator: Cole, Blaine J. Dr. 25%
Award Amount: \$14,284.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

Investigator: Wiernasz, Diane Dr. 25%
Award Amount: \$14,284.50
Cost Center: 00730 / 5013 / H0104 / B0001 / G104024 / 50831
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2012 to 4/30/2017
CFDA: 47.074 Biological Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: LTREB: Sources of variation in lifetime fitness of harvester ants.

Center for Neuromotor & Biomechanics Research

Investigator: O'Connor, Daniel Dr. 5%
Award Amount: \$3,100.00
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

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

Investigator: Clarke, Mark Dr. 5%
Award Amount: \$3,100.00
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: Lowder, Thomas Dr. 10%
Award Amount: \$6,200.00
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: Simpson, Richard Dr. 80%
Award Amount: \$49,600.00
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

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New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**TcSUH**

Investigator: Yao, Yan Dr. 30%
Award Amount: \$63,087.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G106207 / 52913
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 5/1/2013 to 4/30/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Developing Multivalent Ion Intercalation Batteries as High Energy and Safe Marine Distributed Power Sources

Investigator: Selvamanickam, Venkat Dr. 38%
Award Amount: \$227,994.68
Cost Center: 00730 / 5013 / H0073 / B0001 / G107685 / 54804
Agency: U.S. Navy Office of Naval Research
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2014 to 3/31/2016
CFDA: 12.300 Basic and Applied Scientific Research
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: High Performance Superconductor Wires for Navy Generator

Investigator: Selvamanickam, Venkat Dr. 40%
Award Amount: \$30,000.00
Cost Center: 00730 / 5043 / H0073 / B0001 / G107631 / 54845
Agency: University of Chicago - Argonne National Laboratory
Pass_Thru Agency: U.S. Department of Energy
Agency Type: FEDERAL
Duration: 12/2/2013 to 9/30/2014
CFDA: 81.A18 Superconductor Research
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: 2G HTS Tape Development for HTS Undulators

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Division of Research
New/Continuation Sponsored Research Grants and Contracts
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DIVISION OF RESEARCH**TcSUH**

Investigator: Bassler, Kevin E. Dr. 40%
Award Amount: \$16,150.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104757 / 51548
Agency: University of Notre Dame
Pass_Thru Agency: Defense Advanced Research Projects Agency
Agency Type: FEDERAL
Duration: 8/1/2012 to 4/30/2015
CFDA: 12.910 Research and Technology Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Ensemble-Based Modeling of Large Graphs and Its Applications to Social Networks

Investigator: Bassler, Kevin E. Dr. 40%
Award Amount: \$42,774.00
Cost Center: 00730 / 5013 / H0112 / B0001 / G104652 / 51665
Agency: National Science Foundation
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/1/2012 to 8/31/2015
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Symmetry in the Structure and Dynamics of Complex Networks and Systems

TIMES

Investigator: Francis, David Dr. 35%
Award Amount: \$6,107.42
Cost Center: 00730 / 5021 / H0288 / B0001 / C108395 / 55339
Agency: Educational Testing Service
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 4/15/2014 to 6/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Reading for Understanding (RFU) large-scale study

UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during MAY

DIVISION OF RESEARCH**TIMES**

Investigator: Carlson, Coleen Dr. 35%
Award Amount: \$6,107.42
Cost Center: 00730 / 5021 / H0288 / B0001 / C108395 / 55339
Agency: Educational Testing Service
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 4/15/2014 to 6/30/2014
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Reading for Understanding (RFU) large-scale study

Investigator: Carlson, Coleen Dr. 80%
Award Amount: \$206,300.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G106043 / 54163
Agency: University of Missouri
Pass_Thru Agency: National Institutes of Health
Agency Type: FEDERAL
Duration: 9/13/2013 to 7/31/2014
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: The Autism Impact Measure: A New Tool for Treatment Outcome Measurement

Investigator: Pavlidis, Ioannis Dr. 50%
Award Amount: \$80,813.63
Cost Center: 00730 / 5022 / H0288 / B0001 / G106793 / 55148
Agency: Texas Transportation Institute
Pass_Thru Agency: Toyota Motor Corporation
Agency Type: PROFIT
Duration: 1/17/2014 to 1/17/2017
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Toyota Economic Loss Settlement Safety Research

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New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2014 - Received during MAY

DIVISION OF RESEARCH

TIMES

Investigator: Francis, David Dr. 100%
Award Amount: \$83,333.25
Cost Center: 00730 / 5999 / H0288 / B0100 / C108434 / 55289
Agency: Texas Higher Education Coordinating Board
Pass_Thru Agency:
Agency Type: STATE
Duration: 4/1/2014 to 4/30/2099
CFDA:
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: TRIP Match TIMES Duncan Family

VICE PRESIDENT FOR ADMINISTRATION

KUHF - Radio

Investigator: Shumate, Lisa Trapani Ms. 100%
Award Amount: \$36,378.00
Cost Center: 00730 / 5021 / H0018 / C0001 / C107601 / 54471
Agency: Corporation for Public Broadcasting
Pass_Thru Agency:
Agency Type: NON PROFIT
Duration: 10/1/2013 to 9/30/2015
CFDA:
CB Designation: Non Research
Project Type: Grant - Public Service
Project Title: Radio Community Service Grant 2014

UNIVERSITY OF HOUSTON

Division of Research

New/Continuation Sponsored Research Grants and Contracts

Fiscal Year 2014 - Received during MAY

VICE PRESIDENT FOR ADMINISTRATION

KUHT-TV

Investigator: Shumate, Lisa Trapani Ms. 100%

Award Amount: \$85,308.00

Cost Center: 00730 / 5021 / H0436 / C0001 / C107603 / 54473

Agency: Corporation for Public Broadcasting

Pass_Thru Agency:

Agency Type: NON PROFIT

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

CFDA:

CB Designation: Non Research

Project Type: Grant - Public Service

Project Title: Television Community Service Grant 2014

REPORTING PERIOD ACTIVITY SUMMARY

Federal Funding: \$6,560,081.60

State Funding: \$3,694,776.75

Local Funding: \$8,871.11

Profit Funding: \$1,711,878.25

Non Profit Funding: \$901,582.78

Foundation Funding: \$1,417,110.00

University Funding: \$102,902.00

Total: **\$14,397,202.49**