## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF EDUCATION**

#### **Curriculum and Instruction**

Investigator: Santi, Kristi Dr. 50%

**Award Amount:** \$15,825.00

Cost Center: 00730 / 5021 / H0062 / B0100 / G106499 / 52750

Agency: Idaho State Department of Education

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 3/6/2013 to 7/15/2013

CFDA:

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

Project Title: K-3 Reading Assessment Analysis

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

### **Blaffer Gallery**

Investigator: Schmuckli, Claudia Ms. 100%

**Award Amount:** \$1,500.00

Cost Center: 00730 / 5013 / H0097 / B0100 / C105781 / 52597

**Agency:** Humanities Texas

Pass\_Thru Agency: National Endowment for the Humanities

Agency Type: FEDERAL

**Duration:** 9/1/2012 to 5/31/2013

CFDA: 45.129 Promotion of the Humanities - Federal/State Partnership

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

Project Title: 2012-13 Visiting Scholar Lecture & Film Series: Gregg Bordowitz and Kathleen Stewart

### **Psychology**

Investigator: Massman, Paul Dr. 100%

**Award Amount:** \$19,292.00

Cost Center: 00730 / 5022 / H0125 / B0100 / G105731 / 51718

Agency: Mentis Houston, LLP

Pass\_Thru Agency:

Agency Type: PROFIT

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

CFDA:

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

Project Title: Clinical Neuropsychology Training-Mentis Houston, LLP - Student: Rebecca Martin

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

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

**Psychology** 

Investigator: Zvolensky, Michael Dr. 100%

**Award Amount:** \$4,278.00

Cost Center: 00730 / 5021 / H0125 / B0001 / G104148 / 49831

**Agency:** University of Cincinnati

Pass\_Thru Agency: American Lung Association

Agency Type: NON PROFIT

**Duration:** 9/1/2011 to 6/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Asthma and Smoking Cessation

Investigator: Francis, David Dr. 10%

**Award Amount:** \$3,165.00

Cost Center: 00730 / 5021 / H0062 / B0100 / G106499 / 52750

Agency: Idaho State Department of Education

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 3/6/2013 to 7/15/2013

CFDA:

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

**Project Title:** K-3 Reading Assessment Analysis

Investigator: Massman, Paul Dr. 100%

Award Amount: \$1,090.48

Cost Center: 00730 / 5021 / H0125 / B0100 / G105716 / 51708

Agency: TIRR Memorial Hermann

Pass\_Thru Agency:

Agency Type: NON PROFIT

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

CFDA:

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

**Project Title:** Students-Havins and Seidl: Clinical Neuropsychology Training-TIRR Mem Hermann Struchen

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

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

**Psychology** 

**Investigator:** Barr, Christopher Dr. 20%

**Award Amount:** \$13,984.20

Cost Center: 00730 / 5013 / H0288 / B0001 / G103892 / 51005

Agency: Lehigh University

Pass\_Thru Agency: U.S. Department of Education

Agency Type: FEDERAL

**Duration:** 3/1/2012 to 2/28/2014

CFDA: 84.324 Special Education Research

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Reading Achievement Multi-Component Program (RAMP-UP)

**Investigator:** Taylor, Pat Dr. 20%

**Award Amount:** \$40,450.20

Cost Center: 00730 / 5013 / H0288 / B0001 / G104366 / 51745

Agency: Georgia State University

Pass\_Thru Agency: USE DED100; Institute of Education Sciences

Agency Type: FEDERAL

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

CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: The Roles of Instruction and Component Skills in Reading Achievement

#### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

### Biology/Biochemistry

Investigator: Gunaratne, Preethi Dr. 100%

**Award Amount:** \$64,175.00

Cost Center: 00730 / 5021 / H0104 / B0001 / G101798 / 48614

**Agency:** Baylor College of Medicine

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration**: 12/1/2010 to 11/30/2013

CFDA:

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

Project Title: Inhibition of the Wip1 oncogenic phosphatase as an anti-cancer strategy

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

Biology/Biochemistry

Investigator: Fox, George E. Dr. 70%

**Award Amount:** \$42,000.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058

Agency: Georgia Institute of Technology

Pass\_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)

Agency Type: FEDERAL

**Duration:** 5/1/2010 to 1/31/2014

CFDA: 43.000 National Aeronautics and Space Administration

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Evolutionary history of the cellular translation machinery

Investigator: Lin, Chin-Yo Dr. 50%

**Award Amount:** \$7,000.00

Cost Center: 00730 / 5021 / H0515 / B0001 / C105950 / 52705

Agency: Golfers Against Cancer

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration**: 2/1/2013 to 1/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Targeting Liver X Receptors in Pancreatic Cancer

Investigator: Liu, Yu Dr. 100%

**Award Amount:** \$77,000.00

Cost Center: 00730 / 5021 / H0104 / B0001 / G102017 / 47963

Agency: American Heart Association - National Center

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration**: 1/1/2011 to 12/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

**Project Title:** Mutual interactive factors beta-catenin and Oct4 regulate Mesp1 transcription

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

### Biology/Biochemistry

**Investigator:** Pennings, Steve Dr. 50%

**Award Amount:** \$21,672.00

Cost Center: 00730 / 5015 / H0104 / B0001 / G103682 / 50335

Agency: Texas A&M University

Pass\_Thru Agency: U.S. Department of Commerce - National Oceanic and Atmospheric Administration

Agency Type: FEDERAL

**Duration:** 2/1/2012 to 4/30/2014 **CFDA:** 11.417 Sea Grant Support

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Mangroves invading Texas salt marshes: does it matter?

#### Center for Nuclear Receptors and Cell Signaling

Investigator: Lin, Chin-Yo Dr. 50%

**Award Amount:** \$7,000.00

Cost Center: 00730 / 5021 / H0515 / B0001 / C105950 / 52705

Agency: Golfers Against Cancer

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 2/1/2013 to 1/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Targeting Liver X Receptors in Pancreatic Cancer

Investigator: Zhang, Xiaoliu Dr. 100%

**Award Amount:** \$100,000.00

Cost Center: 00730 / 5021 / H0515 / B0001 / C106346 / 52685

Agency: William & Ella Owens Medical Research

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration:** 1/1/2013 to 12/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: A novel strategy to convert the infiltrating NK cells into tumor killers during cancer virotherapy

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

Chemistry

Investigator: May, Jeremy Dr. 100%

**Award Amount:** \$16,030.00

Cost Center: 00730 / 5021 / H0107 / B0001 / G106604 / 52658

Agency: Baylor College of Medicine

Pass\_Thru Agency: Alzheimer¿s Drug Discovery Foundation

Agency Type: UNIVERSITY

**Duration:** 8/1/2011 to 12/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: A NEW TREATMENT FOR COGNITIVE DISORDERS (Dong Koo Hyun)

Investigator: Jacobson, Allan J. Dr. 100%

Award Amount: \$376,039.62

Cost Center: 00730 / 5022 / H0107 / B0001 / G003290 / 15332

Agency: The Welch Foundation

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration:** 9/1/1989 to 5/31/2014

CFDA: DELETE Non-Federal activity

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

Project Title: Welch Chair in Science Control Account

### **Computer Science**

Investigator: Deng, Zhigang Dr. 100%

**Award Amount:** \$231,281.00

Cost Center: 00730 / 5013 / H0108 / B0001 / G105581 / 52615

Agency: National Institutes of Health

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 4/1/2013 to 3/31/2015

CFDA: 93.865 Center for Research for Mothers and Children

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Feasibility Study of Avatar Customization and Relatedness on Physical Activity

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Computer Science** 

Investigator: Garbey, Marc Dr. 100%

Award Amount: \$1.00

Cost Center: 00730 / 5022 / H0108 / B0001 / C106511 / 52697

Agency: Mixed Multi-Donors

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 2/1/2013 to 1/31/2018

CFDA:

CB Designation: Restricted Research

Project Type: Special Research Agreement - Research

Project Title: Industry Membership- Full Center Grant: I/UCRC for Cyber-Physical Systems for the Hospital Operating Room

#### **Earth & Atmospheric Sciences**

**Investigator:** Snow, Jonathan Dr. 20%

**Award Amount:** \$28,000.00

Cost Center: 00730 / 5013 / H0109 / B0001 / G105642 / 52779

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

Duration: 4/1/2013 to 3/31/2014
CFDA: 47.050 Geosciences
CB Designation: Restricted Research

Project Type: Grant - Research

Project Title: ACQUISITION OF A HYPERSPECTRAL CAMERA

Investigator: Brandon, Alan Dr. 100%

**Award Amount:** \$36,000.00

 $\textbf{Cost Center:} \quad 00730 \ / \ 5013 \ / \ H0109 \ / \ B0001 \ / \ G101620 \ / \ 50430$ 

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

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Earth & Atmospheric Sciences** 

Investigator: Han, De-Hua Dr. 100%

**Award Amount:** \$160,000.00

Cost Center: 00730 / 5022 / H0109 / B0001 / G094777 / 40041

Agency: Various Private Profit Agencies

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 1/1/2007 to 12/31/2020

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Fluid & Rock Properties and Seismic Hydrocarbon Indicators

Investigator: Stewart, Robert Dr. 100%

Award Amount: \$45,000.00

Cost Center: 00730 / 5022 / H0109 / B0001 / G099988 / 45029

Agency: Various Private Profit Agencies

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 9/1/2009 to 8/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Allied Geophysical Laboratories (AGL) Consortium: Full-wave Seismic Exploration for Reservoir Lithologies and Fluids

From Lab to Oilfield

Investigator: Khan, Shuhab Dr. 60%

Award Amount: \$84,000.00

Cost Center: 00730 / 5013 / H0109 / B0001 / G105642 / 52779

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

Duration: 4/1/2013 to 3/31/2014
CFDA: 47.050 Geosciences
CB Designation: Restricted Research

Project Type: Grant - Research

Project Title: ACQUISITION OF A HYPERSPECTRAL CAMERA

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Earth & Atmospheric Sciences** 

Investigator: Snow, Jonathan Dr. 100%

**Award Amount:** \$30,561.00

Cost Center: 00730 / 5013 / H0109 / B0001 / G101185 / 47116

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

Duration: 9/1/2010 to 8/31/2013
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Death of a Backarc Rift: A Petrologic Site Survey of Godzilla Mullion

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$40,000.00

Cost Center: 00730 / 5016 / H0429 / B0001 / G106666 / 52774

Agency: Texas Commission on Environmental Quality

Pass\_Thru Agency:

Agency Type: STATE

**Duration:** 2/28/2013 to 12/27/2013

CFDA:

**CB Designation:** Restricted Research **Project Type:** Contract - Research

Project Title: Ozonesonde Releases in Southeast and East Texas

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$95,000.00

**Cost Center:** 00730 / 5016 / H0429 / B0001 / G106624 / 52747

Agency: Texas Commission on Environmental Quality

Pass\_Thru Agency:

Agency Type: STATE

**Duration**: 2/27/2013 to 4/30/2014

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Monitoring Related to Ozone Formation in the Houston Region

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Earth & Atmospheric Sciences** 

Investigator: Lapen, Thomas Dr. 100%

**Award Amount:** \$67,541.00

Cost Center: 00730 / 5013 / H0109 / B0001 / G102229 / 48586

Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 2/23/2011 to 2/22/2014

**CFDA:** 43.001 Aerospace Education Services Program

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Coupled Lu-Hf and Sm-Nd isotopic studies of Martian meteorites: constraints on crystallization ages and source

compositions

Investigator: Lefer, Barry Dr. 50%

**Award Amount:** \$9,799.50

Cost Center: 00730 / 5018 / H0429 / B0001 / G105522 / 52645

Agency: University of Texas at Austin

Pass\_Thru Agency: Texas Commission on Environmental Quality

Agency Type: STATE

**Duration:** 1/29/2013 to 8/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Implementation and evaluation of new HONO mechanisms in a 3-D Chemical Transport Model for Spring 2009 in

Houston

Investigator: Lefer, Barry Dr. 50%

Award Amount: \$9,923.00

Cost Center: 00730 / 5018 / H0429 / B0001 / G105521 / 52452

Agency: University of Texas at Austin

Pass\_Thru Agency: Texas Commission on Environmental Quality

Agency Type: STATE

**Duration:** 11/20/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Ozonesonde launches from the University of Houston and Smith Point, Texas in Support of DISCOVER AQ

(Valparaiso)

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

Institute for Climate and Atmospheric Science

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$40,000.00

Cost Center: 00730 / 5016 / H0429 / B0001 / G106666 / 52774

Agency: Texas Commission on Environmental Quality

Pass\_Thru Agency:

Agency Type: STATE

**Duration:** 2/28/2013 to 12/27/2013

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Ozonesonde Releases in Southeast and East Texas

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$95,000.00

**Cost Center:** 00730 / 5016 / H0429 / B0001 / G106624 / 52747

Agency: Texas Commission on Environmental Quality

Pass\_Thru Agency:

Agency Type: STATE

**Duration**: 2/27/2013 to 4/30/2014

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Monitoring Related to Ozone Formation in the Houston Region

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$9,799.50

Cost Center: 00730 / 5018 / H0429 / B0001 / G105522 / 52645

Agency: University of Texas at Austin

Pass\_Thru Agency: Texas Commission on Environmental Quality

Agency Type: STATE

**Duration:** 1/29/2013 to 8/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Implementation and evaluation of new HONO mechanisms in a 3-D Chemical Transport Model for Spring 2009 in

Houston

## UNIVERSITY OF HOUSTON

### **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

## **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

Institute for Climate and Atmospheric Science

**Investigator:** Lefer, Barry Dr. 50%

**Award Amount:** \$9,923.00

Cost Center: 00730 / 5018 / H0429 / B0001 / G105521 / 52452

Agency: University of Texas at Austin

Pass\_Thru Agency: Texas Commission on Environmental Quality

Agency Type: STATE

**Duration**: 11/20/2012 to 11/30/2013

CFDA:

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

Project Title: Ozonesonde launches from the University of Houston and Smith Point, Texas in Support of DISCOVER AQ

(Valparaiso)

**Physics** 

**Investigator:** Brazdeikis, Audrius Prof. 18%

**Award Amount:** \$6,076.62

Cost Center: 00730 / 5016 / H0452 / B0001 / G106572 / 52642

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

Investigator: Ren, Zhifeng Dr. 50%

Award Amount: \$83,483.00

Cost Center: 00730 / 5013 / H0112 / B0001 / G106504 / 52680

Agency: GMZ Energy, Inc

Pass\_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

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

CFDA: 81.086 Conservation Research and Development

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Nanostructured High-Temperature Bulk Thermoelectric Energy Conversion for Efficient Automotive Waste Heat

Recovery

## UNIVERSITY OF HOUSTON

### **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Physics** 

Investigator: Brazdeikis, Audrius Prof. 18%

**Award Amount:** \$5,291.82

Cost Center: 00730 / 5016 / H0452 / B0001 / G106574 / 52643

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

#### **COLLEGE OF OPTOMETRY**

Optometry, Community

Investigator: Nichols, Jason Dr. 100%

Award Amount: \$86,600.00

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 9/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Inflammatory Effects of Contact Lens Material on the Cornea

Investigator: Pass, Anastas F. Dr. 100%

**Award Amount:** \$20,713.00

Cost Center: 00730 / 5043 / H0114 / B0001 / G105090 / 50721

Agency: Wyle Science Technology and Engineering Group

Pass\_Thru Agency: NASA - National Aeronautics and Space Administration - Johnson Space Center

Agency Type: FEDERAL

**Duration:** 3/12/2012 to 9/30/2013

CFDA: 43.000 National Aeronautics and Space Administration

**CB Designation:** Restricted Research **Project Type:** Contract - Research

Project Title: NASA-Phase I SD-OCT Analysis of The Optic Nerve Head and Surrounding Structures in Long Duration ISS Crew

Members

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF OPTOMETRY**

Optometry, Community

Investigator: Chino, Yuzo M. Dr. 65%

**Award Amount:** \$210,600.00

Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878

Agency: National Eye Institute

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 2/1/2010 to 1/31/2014 **CFDA:** 93.867 Vision Research

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Leach, Norman Dr. 100%

**Award Amount:** \$5,088.85

Cost Center: 00730 / 5022 / H0114 / B0001 / G105578 / 51367

Agency: Alcon Research Limited

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 7/1/2012 to 7/1/2013

CFDA:

**CB Designation:** Restricted Research **Project Type:** Contract - Research

Project Title: Alcon C-12-004 A Comparison of Silicone Hydrogel Lenses: Colored vs Non-Colored

Investigator: Harwerth, Ronald S. Dr. 5%

**Award Amount:** \$16,200.00

Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878

Agency: National Eye Institute

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 2/1/2010 to 1/31/2014 **CFDA:** 93.867 Vision Research

CB Designation: Restricted Research
Project Type: Grant - Research

**Project Title:** Amblyopia and Study of Cortical Mechanisms

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF OPTOMETRY**

Optometry, Community

Investigator: Smith III, Earl L. Dr. 5%

**Award Amount:** \$16,200.00

Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878

Agency: National Eye Institute

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 2/1/2010 to 1/31/2014 **CFDA:** 93.867 Vision Research

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Amblyopia and Study of Cortical Mechanisms

Investigator: Nichols, Jason Dr. 50%

**Award Amount:** \$80,119.00

Cost Center: 00730 / 5022 / H0114 / B0001 / G106357 / 52506

Agency: Vistakon, Inc.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 11/14/2012 to 8/6/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Toric Eye Strain and Stability (TESS) Study

Investigator: Berntsen, David Dr. 50%

**Award Amount:** \$80,119.00

Cost Center: 00730 / 5022 / H0114 / B0001 / G106357 / 52506

Agency: Vistakon, Inc.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 11/14/2012 to 8/6/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Toric Eye Strain and Stability (TESS) Study

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF OPTOMETRY**

Optometry, Community

Investigator: Wensveen, Janice Dr. 25%

**Award Amount:** \$81,000.00

Cost Center: 00730 / 5013 / H0114 / B0001 / G098703 / 45878

Agency: National Eye Institute

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 2/1/2010 to 1/31/2014 **CFDA:** 93.867 Vision Research

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Amblyopia and Study of Cortical Mechanisms

#### **COLLEGE OF PHARMACY**

### **Clinical Sciences and Administration**

Investigator: Sansgiry, Sujit Dr. 100%

**Award Amount:** \$2,500.00

**Cost Center:** 00730 / 5021 / H0118 / B0001 / C105555 / 52684

Agency: Texas Society of Health-System Pharmacists Foundation

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration:** 1/23/2013 to 1/23/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Inpatient Pharmacist Productivity-A Comparison of Computer Physician Order Entry (CPOE) versus a Paper-Based

system

### **Pharmacological and Pharmaceutical Sciences**

Investigator: Hu, Ming Dr. 100%

**Award Amount:** \$34,684.00

Cost Center: 00730 / 5022 / H0117 / B0001 / C106189 / 52688

Agency: Boehringer Ingelheim Pharmaceuticals, Inc.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 12/19/2012 to 12/19/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Characterization of BI639667 Absorption Using a Perfused Rat Intestinal Model

## UNIVERSITY OF HOUSTON

### **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **COLLEGE OF PHARMACY**

### **Pharmacological and Pharmaceutical Sciences**

Investigator: Ghose, Romi Dr. 100%

**Award Amount:** \$10,000.00

Cost Center: 00730 / 5021 / H0117 / B0001 / C106330 / 52689

Agency: Northharvest Bean Growers Assoc

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 12/1/2012 to 6/30/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Role of dietary bean supplementation in improving fatty liver disease

#### **COLLEGE OF TECHNOLOGY**

### **Texas Manufacturing Assistance Center**

Investigator: Cline, Raymond Dr. 100%

Award Amount: \$203,427.00

Cost Center: 00730 / 5015 / H0281 / C0001 / G106156 / 52296

Agency: University of Texas at Arlington

Pass\_Thru Agency: U.S. Department of Commerce-National Institute of Standards and Technology

Agency Type: FEDERAL

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

**CFDA:** 11.611 Manufacturing Extension Partnership

**CB Designation:** Non Research

**Project Type:** Co-Op Agreement - Public Service

Project Title: Texas Manufacturing Assistance Center GY18

### **CULLEN COLLEGE OF ENGINEERING**

## Center for Innovative Grouting Materials and Tech

Investigator: Vipulanandan, Cumaraswamy D80%

**Award Amount:** \$38,156.80

Cost Center: 00730 / 5016 / H0069 / B0001 / G106338 / 52606

Agency: Texas Department of Transportation

Pass\_Thru Agency:

Agency Type: STATE

**Duration:** 2/13/2013 to 2/14/2013

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Estimate and Analyze Damage to Infrastructure on TxDOT Facilities

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Chemical Engineering** 

Investigator: Krishnamoorti, Ramanan Dr. 100%

**Award Amount:** \$74,000.00

Cost Center: 00730 / 5021 / H0067 / B0001 / G103903 / 50024

Agency: Tulane University

Pass\_Thru Agency: Consortium for Ocean Leadership (COL)

Agency Type: PROFIT

**Duration:** 10/1/2011 to 12/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: The Science and Technology of Dispersants as Relevant to Deep-Sea Hydrocarbon Releases

Investigator: Lee, William Dr. 100%

**Award Amount:** \$40,000.00

Cost Center: 00730 / 5022 / H0067 / B0001 / C106589 / 52659

Agency: Shell Global Solutions

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration**: 2/8/2013 to 12/1/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: How should we Forecast Production and Estimate Reserves in Unconventional Plays

Investigator: Harold, Michael Dr. 100%

Award Amount: \$22,000.00

Cost Center: 00730 / 5013 / H0067 / B0100 / G106481 / 52704

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 3/1/2013 to 8/31/2013

**CFDA:** 47.041 Engineering Grants

CB Designation: Non Restricted Research

Project Type: Grant - Research

Project Title: NASCRE 3: Chemical Reaction Engineering for a Sustainable Future: Addressing New Challenges and Revisiting

Persistent Problems in Energy, Environmental, and Chemicals Research

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Chemical Engineering** 

Investigator: Harold, Michael Dr. 100%

**Award Amount:** \$6,000.00

Cost Center: 00730 / 5022 / H0067 / B0001 / G105068 / 51256

Agency: American Power Group. Inc

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 4/1/2012 to 7/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Testing of On-Road Dual Fuel Engine within Intermediate Useful Life

**Civil Engineering** 

Investigator: Rixey, William G. Dr. 100%

**Award Amount:** \$75,783.00

Cost Center: 00730 / 5021 / H0068 / B0001 / G106135 / 52305

Agency: American Petroleum Institute

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 1/1/2013 to 12/31/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Pilot-scale Aquifer Investigation of Physical/Chemical and Microbial Impacts for Various Ethanol Fuel Blends - Part II

Investigator: Rodrigues , Debora Dr. 100%

**Award Amount:** \$50,000.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G106051 / 52306

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 1/15/2013 to 12/31/2013 **CFDA:** 47.041 Engineering Grants

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Graphene-based nanocomposite filters for antibacterial and heavy metal removal

## UNIVERSITY OF HOUSTON

## **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Civil Engineering** 

Investigator: Shrestha, Ramesh Dr. 80%

**Award Amount:** \$168,000.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G106046 / 52316

Agency: University of Hawaii at Hilo
Pass\_Thru Agency: U.S. Department of Defense

Agency Type: FEDERAL

**Duration:** 12/1/2012 to 11/30/2013

CFDA: 15.808 U.S. Geological Survey - Research and Data Acquisition

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Environmental Science to Support Sustained Use of the Ke' amuku Maneuver Area at Pohakuloa Training Area

Investigator: Carter, William Dr. 10%

**Award Amount:** \$21,000.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G106046 / 52316

Agency: University of Hawaii at Hilo
Pass\_Thru Agency: U.S. Department of Defense

Agency Type: FEDERAL

**Duration:** 12/1/2012 to 11/30/2013

**CFDA:** 15.808 U.S. Geological Survey - Research and Data Acquisition

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

Project Title: Environmental Science to Support Sustained Use of the Ke`amuku Maneuver Area at Pohakuloa Training Area

Investigator: Gencturk, Bora Dr. 100%

Award Amount: \$5,000.00

Cost Center: 00730 / 5022 / H0068 / B0001 / C105964 / 52367

Agency: NCI Group, Inc.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration**: 2/1/2013 to 1/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Testing of Column Base Plate Connections for Serviceability and Ultimate Loads

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Civil Engineering** 

Investigator: Glennie, Craig Dr. 20%

**Award Amount:** \$28,000.00

Cost Center: 00730 / 5013 / H0109 / B0001 / G105642 / 52779

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

Duration: 4/1/2013 to 3/31/2014
CFDA: 47.050 Geosciences
CB Designation: Restricted Research

**Project Type:** Grant - Research

Project Title: ACQUISITION OF A HYPERSPECTRAL CAMERA

Investigator: Strom, Kyle Dr. 100%

**Award Amount:** \$45,000.00

Cost Center: 00730 / 5016 / H0068 / B0001 / C106494 / 52727

Agency: Texas Water Development Board

Pass\_Thru Agency:

Agency Type: STATE

**Duration:** 5/1/2013 to 12/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Sediment Sampling, Characterization, and Analysis on the Guadalupe River in the Coastal Plain of Texas

Investigator: Shrestha, Ramesh Dr. 60%

Award Amount: \$216,177.00

Cost Center: 00730 / 5021 / H0068 / B0001 / C106388 / 52739

Agency: University of Central Florida

Pass\_Thru Agency: Alphawood Foundation Chicago

Agency Type: FOUNDATION

**Duration:** 12/15/2012 to 12/15/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: LiDAR Mapping for Archeological Study in Belize

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Civil Engineering** 

Investigator: Glennie, Craig Dr. 10%

Award Amount: \$36,029.50

Cost Center: 00730 / 5021 / H0068 / B0001 / C106388 / 52739

Agency: University of Central Florida

Pass\_Thru Agency: Alphawood Foundation Chicago

Agency Type: FOUNDATION

**Duration**: 12/15/2012 to 12/15/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: LiDAR Mapping for Archeological Study in Belize

Investigator: Carter, William Dr. 30%

**Award Amount:** \$108,088.50

Cost Center: 00730 / 5021 / H0068 / B0001 / C106388 / 52739

Agency: University of Central Florida

Pass\_Thru Agency: Alphawood Foundation Chicago

Agency Type: FOUNDATION

**Duration**: 12/15/2012 to 12/15/2013

CFDA:

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

**Project Title:** LiDAR Mapping for Archeological Study in Belize

Investigator: Rixey, William G. Dr. 100%

**Award Amount:** \$14,625.00

Cost Center: 00730 / 5021 / H0068 / B0001 / G104877 / 52674

**Agency:** Arizona State University

Pass\_Thru Agency: Chevron Energy Technology Company

Agency Type: PROFIT

**Duration:** 10/15/2012 to 6/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: In Situ Remediation of heavy Hydrocarbons in Vadose Zone Soils

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

**Electrical & Computer Engineering** 

Investigator: Contreras-Vidal, Jose Dr. 100%

**Award Amount:** \$18,152.00

Cost Center: 00730 / 5013 / H0070 / B0100 / G106064 / 52280

Agency: National Science Foundation

Pass\_Thru Agency:

Agency Type: FEDERAL

Duration: 12/1/2012 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Non Restricted Research
Project Type: Grant - Research

Project Title: 2013 International Workshop on Clinical Brain-Neural Machine Interface Systems

Investigator: Prasad, Saurabh Dr. 10%

Award Amount: \$21,000.00

Cost Center: 00730 / 5013 / H0068 / B0001 / G106046 / 52316

Agency: University of Hawaii at Hilo
Pass\_Thru Agency: U.S. Department of Defense

Agency Type: FEDERAL

**Duration:** 12/1/2012 to 11/30/2013

CFDA: 15.808 U.S. Geological Survey - Research and Data Acquisition

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

Project Title: Environmental Science to Support Sustained Use of the Ke`amuku Maneuver Area at Pohakuloa Training Area

Investigator: Wosik, Jarek Dr. 10%

Award Amount: \$2,939.90

Cost Center: 00730 / 5016 / H0452 / B0001 / G106574 / 52643

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

## UNIVERSITY OF HOUSTON

## **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

### **Electrical & Computer Engineering**

Investigator: Wosik, Jarek Dr. 10%

**Award Amount:** \$3,375.90

Cost Center: 00730 / 5016 / H0452 / B0001 / G106572 / 52642

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

Investigator: Chen, Ji Dr. 100%

**Award Amount:** \$70,000.00

Cost Center: 00730 / 5022 / H0070 / B0001 / G096630 / 42373

Agency: St. Jude Medical Cardiac Rhythm Management

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 1/1/2008 to 6/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: NUMERICAL MODELING STUDY

### **Mechanical Engineering**

**Investigator:** Franchek, Matthew Dr. 50%

**Award Amount:** \$101,250.00

 $\textbf{Cost Center:} \quad 00730 \ / \ 5022 \ / \ H0073 \ / \ B0001 \ / \ C105780 \ / \ 52026$ 

Agency: National Oilwell Varco, L.P.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 8/15/2012 to 8/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Erosion Analysis of Ram BOPs and Annulars in Operating Environments

## UNIVERSITY OF HOUSTON

## **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **CULLEN COLLEGE OF ENGINEERING**

### **Mechanical Engineering**

Investigator: Metcalfe, Ralph W. Dr. 50%

**Award Amount:** \$101,250.00

Cost Center: 00730 / 5022 / H0073 / B0001 / C105780 / 52026

Agency: National Oilwell Varco, L.P.

Pass\_Thru Agency:

Agency Type: PROFIT

**Duration:** 8/15/2012 to 8/31/2014

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Erosion Analysis of Ram BOPs and Annulars in Operating Environments

#### **Texas Hurricane Center for Innovative Technology**

Investigator: Vipulanandan, Cumaraswamy Di20%

**Award Amount:** \$9,539.20

Cost Center: 00730 / 5016 / H0069 / B0001 / G106338 / 52606

Agency: Texas Department of Transportation

Pass\_Thru Agency:

Agency Type: STATE

**Duration:** 2/13/2013 to 2/14/2013

CFDA:

CB Designation: Restricted Research
Project Type: Contract - Research

Project Title: Estimate and Analyze Damage to Infrastructure on TxDOT Facilities

### **DIVISION OF RESEARCH**

### **Center for Biomedical & Environmental Genomics**

**Investigator:** Fox, George E. Dr. 10%

**Award Amount:** \$6,000.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058

Agency: Georgia Institute of Technology

Pass\_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)

Agency Type: FEDERAL

**Duration:** 5/1/2010 to 1/31/2014

CFDA: 43.000 National Aeronautics and Space Administration

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Evolutionary history of the cellular translation machinery

## UNIVERSITY OF HOUSTON

## **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **DIVISION OF RESEARCH**

#### **Houston Coastal Center**

**Investigator:** Pennings, Steve Dr. 50%

**Award Amount:** \$21,672.00

Cost Center: 00730 / 5015 / H0104 / B0001 / G103682 / 50335

Agency: Texas A&M University

Pass\_Thru Agency: U.S. Department of Commerce - National Oceanic and Atmospheric Administration

Agency Type: FEDERAL

**Duration:** 2/1/2012 to 4/30/2014 **CFDA:** 11.417 Sea Grant Support

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Mangroves invading Texas salt marshes: does it matter?

#### **Institute for Space Systems Operations**

Investigator: Fox, George E. Dr. 10%

**Award Amount:** \$6,000.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058

Agency: Georgia Institute of Technology

Pass\_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)

Agency Type: FEDERAL

**Duration:** 5/1/2010 to 1/31/2014

**CFDA:** 43.000 National Aeronautics and Space Administration

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Evolutionary history of the cellular translation machinery

### Office of Contracts and Grants

Investigator: Rymer, Beverly Ms. 100%

**Award Amount:** \$156,423.47

Cost Center: 00730 / 5021 / H0282 / B0001 / G098682 / 44475

Agency: The Welch Foundation

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration:** 6/1/2009 to 5/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Welch Professional Endowment (Interest Bearing Control Acct)

## UNIVERSITY OF HOUSTON

## **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **DIVISION OF RESEARCH**

Office of Contracts and Grants

Investigator: Rymer, Beverly Ms. 100%

**Award Amount:** \$61,616.95

Cost Center: 00730 / 5021 / H0282 / B0001 / G098679 / 44478

**Agency:** The Welch Foundation

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration:** 6/1/2009 to 5/31/2015

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Welch Professional Endowment in Chemistry (Interest Bearing Control Acct)

Investigator: Rymer, Beverly Ms. 100%

Award Amount: \$202,095.73

Cost Center: 00730 / 5022 / H0239 / B0001 / G003016 / 15358

Agency: The Welch Foundation

Pass\_Thru Agency:

Agency Type: FOUNDATION

**Duration**: 6/1/1994 to 8/31/2014

CFDA: DELETE Non-Federal activity

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Welch Professor Endowment in Chemistry and Related Sciences Interest Bearing Control Account

#### **TcSUH**

**Investigator:** Brazdeikis, Audrius Prof. 42%

**Award Amount:** \$12,347.58

Cost Center: 00730 / 5016 / H0452 / B0001 / G106574 / 52643

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration**: 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

## UNIVERSITY OF HOUSTON

### **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **DIVISION OF RESEARCH**

**TcSUH** 

Investigator: Wosik, Jarek Dr. 30%

**Award Amount:** \$8,819.70

Cost Center: 00730 / 5016 / H0452 / B0001 / G106574 / 52643

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

**Investigator:** Brazdeikis, Audrius Prof. 42%

**Award Amount:** \$14,178.78

Cost Center: 00730 / 5016 / H0452 / B0001 / G106572 / 52642

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration:** 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

Investigator: Wosik, Jarek Dr. 30%

**Award Amount:** \$10,127.70

Cost Center: 00730 / 5016 / H0452 / B0001 / G106572 / 52642

Agency: Methodist Hospital Research Institute

Pass\_Thru Agency: Cancer Prevention and Research Institute of Texas

Agency Type: STATE

**Duration**: 12/1/2012 to 11/30/2013

CFDA:

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Magnetic Characterization of the Nanoconstructs and Development of the Device for Magnetic Guiding and Localized

Ablation

## UNIVERSITY OF HOUSTON

### **Division of Research**

## New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **DIVISION OF RESEARCH**

**TcSUH** 

Investigator: Ren, Zhifeng Dr. 50%

**Award Amount:** \$83,483.00

Cost Center: 00730 / 5013 / H0112 / B0001 / G106504 / 52680

Agency: GMZ Energy, Inc.

Pass\_Thru Agency: U.S. Department of Energy

Agency Type: FEDERAL

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

CFDA: 81.086 Conservation Research and Development

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Nanostructured High-Temperature Bulk Thermoelectric Energy Conversion for Efficient Automotive Waste Heat

Recovery

#### **Texas Learning/Computation Center**

Investigator: Fox, George E. Dr. 10%

**Award Amount:** \$6,000.00

Cost Center: 00730 / 5013 / H0104 / B0001 / G101662 / 47058

Agency: Georgia Institute of Technology

Pass\_Thru Agency: NASA - National Aeronautics and Space Administration - Headquarters (Wash., D.C.)

Agency Type: FEDERAL

**Duration:** 5/1/2010 to 1/31/2014

CFDA: 43.000 National Aeronautics and Space Administration

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: Evolutionary history of the cellular translation machinery

Investigator: Taylor, Pat Dr. 10%

**Award Amount:** \$20,225.10

**Cost Center:** 00730 / 5013 / H0288 / B0001 / G104366 / 51745

Agency: Georgia State University

Pass\_Thru Agency: USE DED100; Institute of Education Sciences

Agency Type: FEDERAL

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

CFDA: 84.305 National Institute on Student Achievement, Curriculum and Assessment

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: The Roles of Instruction and Component Skills in Reading Achievement

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **DIVISION OF RESEARCH**

TIMES

**Investigator:** Taylor, Pat Dr. 70%

**Award Amount:** \$141,575.70

Cost Center: 00730 / 5013 / H0288 / B0001 / G104366 / 51745

Agency: Georgia State University

Pass\_Thru Agency: USE DED100; Institute of Education Sciences

Agency Type: FEDERAL

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

CFDA: 84,305 National Institute on Student Achievement, Curriculum and Assessment

CB Designation: Restricted Research
Project Type: Grant - Research

Project Title: The Roles of Instruction and Component Skills in Reading Achievement

**Investigator:** Barr, Christopher Dr. 80%

**Award Amount:** \$55,936.80

Cost Center: 00730 / 5013 / H0288 / B0001 / G103892 / 51005

Agency: Lehigh University

Pass\_Thru Agency: U.S. Department of Education

Agency Type: FEDERAL

**Duration:** 3/1/2012 to 2/28/2014

CFDA: 84.324 Special Education Research

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

Project Title: Reading Achievement Multi-Component Program (RAMP-UP)

Investigator: Francis, David Dr. 40%

**Award Amount:** \$12,660.00

Cost Center: 00730 / 5021 / H0062 / B0100 / G106499 / 52750

Agency: Idaho State Department of Education

Pass\_Thru Agency:

Agency Type: NON PROFIT

**Duration:** 3/6/2013 to 7/15/2013

CFDA:

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

Project Title: K-3 Reading Assessment Analysis

## UNIVERSITY OF HOUSTON

## **Division of Research**

# New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **GRADUATE COLLEGE OF SOCIAL WORK**

**Child & Family for Innovative Research** 

Investigator: Steinberg, Catherine Dr. 100%

**Award Amount:** \$22,883.00

Cost Center: 00730 / 5013 / H0509 / B0001 / G105708 / 52740

**Agency:** Coalition for the Homeless

Pass\_Thru Agency: Substance Abuse and Mental Health Services Administration

Agency Type: FEDERAL

**Duration:** 7/1/2012 to 6/30/2013

CFDA: 93.243 Substance Abuse and Mental Health Services - Projects of Regional and National Significance

CB Designation: Restricted Research
Project Type: Grant - Research

**Project Title:** Program Evaluation- Creating a Coordinated System of Care for the Chronically Homeless

#### SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

### **UH Charter School**

Investigator: Black, Carolyn Dr. 100%

**Award Amount:** \$4,306.68

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 8/31/2013

CFDA:

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

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

## UNIVERSITY OF HOUSTON

## **Division of Research**

New/Continuation Sponsored Research Grants and Contracts Fiscal Year 2013 - Received during MARCH

### **VICE PRESIDENT FOR STUDENT AFFAIRS**

Vice President, Student Affairs

Investigator: Howard, Sherry Ms. 100%

**Award Amount:** \$235,891.00

Cost Center: 00730 / 5013 / H0205 / C0001 / G099200 / 47389

Agency: U.S. Department of Education

Pass\_Thru Agency:

Agency Type: FEDERAL

**Duration:** 10/1/2010 to 9/30/2013

CFDA: 84.335 Discretionary Grants for Institutions of Higher Education

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

Project Title: Child Care Access Means Parents in School

## REPORTING PERIOD ACTIVITY SUMMARY

 Federal Funding:
 \$2,156,431.00

 State Funding:
 \$533,780.68

 Local Funding:
 \$0.00

 Profit Funding:
 \$923,028.85

 Non Profit Funding:
 \$213,801.48

 Foundation Funding:
 \$1,258,970.77

 University Funding:
 \$16,030.00

Total: \$5,102,042.78