## COLLEGE OF EDUCATION

**Dean, Education**

- **Investigator:** Chiappetta, Eugene L. Dr. 20%
- **Award Amount:** $114,986.40
- **Cost Center:** 00730 / 5013 / H0066 / B0100 / G097433 / 44159
- **Agency:** National Science Foundation
- **Pass_Thru Agency:**
- **Agency Type:** FEDERAL
- **Duration:** 4/1/2009 to 3/31/2014
- **CFDA:** 47.076 Education and Human Resources
- **CB Designation:** Non Restricted Research
- **Project Type:** Grant - Research
- **Project Title:** New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

### Educational Psychology

- **Investigator:** Arbona, Consuelo Dr. 100%
- **Award Amount:** $12,718.04
- **Cost Center:** 00730 / 5021 / H0064 / B0001 / G104800 / 50170
- **Agency:** Baylor College of Medicine
- **Pass_Thru Agency:** Texas Children's Hospital
- **Agency Type:** NON PROFIT
- **Duration:** 1/1/2012 to 5/31/2012
- **Project Type:** Grant - Research
- **Project Title:** Educational Psychology Assistantship: Corey Heath

## COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

### Communication Disorders

- **Investigator:** Maher, Lynn Dr. 100%
- **Award Amount:** $58,428.00
- **Cost Center:** 00730 / 5021 / H0087 / C0001 / G104805 / 50180
- **Agency:** United Way of Greater Houston
- **Pass_Thru Agency:**
- **Agency Type:** NON PROFIT
- **Duration:** 1/1/2012 to 12/31/2012
- **Project Type:** Grant - Public Service
- **Project Title:** United Way Support for Services: 2012
**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

**Dean, Liberal Arts and Social Sciences**

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**English**

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**History**

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COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Political Science

Investigator: O'Brien, Thomas F. Dr. 25%
Award Amount: $4,241.40
Cost Center: 00730 / 5022 / H0089 / A0001 / G004545 / 10609
Agency: Mixed Multi-Donors
Pass_Thru Agency: PROFIT
Duration: 12/1/1992 to 8/31/2020
Project Title: Interest Bearing Account for NEH-Supported African and African-American Studies at the University of Houston

Psychology

Investigator: Barth, Amy Dr. 20%
Award Amount: $23,901.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency: FEDERAL
Duration: 1/2/2012 to 12/31/2012
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension

Investigator: Hannay, H. Julia Dr. 100%
Award Amount: $23,907.00
Cost Center: 00730 / 5033 / H0125 / B0001 / G104654 / 50045
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institute of Neurological Disorders and Stroke
Agency Type: FEDERAL
Duration: 9/1/2011 to 1/31/2012
CFDA: 93.701 Trans-NIH Recovery Act Research Support
Project Title: ARRA - Outcome of Erythropoietin Neuroprotection After TBI
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Psychology

Investigator: Sharp, Carla Dr.  100%
Award Amount: $243,567.00
Cost Center: 00730 / 5013 / H0125 / B0001 / G100871 / 46382
Agency: National Institute of Mental Health
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 4/1/2010 to 12/31/2012
CFDA: 93.242 Mental Health Research Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Emotional-behavior disorders in South African children affected by AIDS

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/ Biochemistry

Investigator: Pennings, Steve Dr.  100%
Award Amount: $12,701.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G092696 / 40028
Agency: University of Georgia
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 11/15/2006 to 10/31/2012
CFDA: 47.050 Geosciences
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: LTER-GCEII: Georgia Land/Ocean Margin Ecosystem

Investigator: Gunaratne, Preethi Dr.  100%
Award Amount: $33,148.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G104014 / 49325
Agency: Methodist Hospital Research Institute
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 9/29/2010 to 9/28/2012
CFDA: 12.420 Military Medical Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Integrating Amine-Functionalized Gold Nanoparticle Conjugated MicroRNAs Into Cancer Prognostic and Therapeutic Strategies Targeted at Drug Resistant Multiple Myeloma (MM)
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/ Biochemistry

Investigator: Gunaratne, Preethi Dr. 100%
Award Amount: $22,173.00
Cost Center: 00730 / 5013 / H0104 / B0001 / G104779 / 50173
Agency: Baylor College of Medicine
Pass_Thru Agency: National Institute of Child Health and Human Development
Agency Type: FEDERAL
Duration: 4/1/2011 to 3/31/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: MicroRNAs in Endometrial Function and Dysfunction

Chemistry

Investigator: Moeller, Angela Dr. 50%
Award Amount: $44,090.50
Cost Center: 00730 / 5013 / H0107 / B0001 / G104098 / 50130
Agency: National Science Foundation
Pass_Thru Agency: National Science Foundation
Agency Type: FEDERAL
Duration: 1/15/2012 to 12/31/2016
CFDA: 47.049 Mathematical and Physical Sciences
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Low-Dimensional Spin Systems: Interplay of Chemical Pressure on Triangular Lattices with Spin- and Orbital Degrees of Freedom

Computer Science

Investigator: Gnawali, Omprakash Dr. 100%
Award Amount: $65,940.00
Cost Center: 00730 / 5021 / H0108 / B0001 / G104838 / 50231
Agency: Cisco University Research Program Fund
Pass_Thru Agency: Cisco University Research Program Fund
Agency Type: FOUNDATION
Duration: 1/1/2012 to 1/11/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: RPL’s Performance Under Dynamics at Different Time Scales
### COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

#### Geosciences

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<th>Investigator</th>
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Geosciences

Investigator: Mann, Paul Dr. 100%
Award Amount: $180,000.00
Cost Center: 00730 / 5022 / H0109 / B0001 / G103956 / 49251
Agency: Various Private Profit Agencies
Pass_Thru Agency:
Agency Type: PROFIT
Duration: 6/1/2011 to 8/31/2014
CFDA: 
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Caribbean Basins, Tectonics, and Hydrocarbons - Phase III

Mathematics

Investigator: Heier, Gordon Dr. 100%
Award Amount: $20,000.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G102651 / 50223
Agency: National Security Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 1/17/2012 to 1/17/2013
CFDA: 12.901 Mathematical Sciences Grants Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Problems in diophantine geometry and hyperbolicity

Investigator: Ru, Min Dr. 100%
Award Amount: $27,111.00
Cost Center: 00730 / 5013 / H0110 / B0001 / G100376 / 48390
Agency: National Security Agency
Pass_Thru Agency:
Agency Type: FEDERAL
Duration: 3/18/2011 to 3/18/2013
CFDA: 12.901 Mathematical Sciences Grants Program
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Nevanlinna Theory and Diophantine Approximation
Mathematics

Investigator: Josic, Kresimir Dr. 100%
Award Amount: $60,00
Cost Center: 00730 / 1011 / H0110 / B0021 / G096105 / 42412
Agency: Texas Higher Education Coordinating Board - ARP
Pass_Thru Agency: STATE
Duration: 5/15/2008 to 1/31/2011
CFDA: 00730 / 1011 / H0110 / B0021 / G096105 / 42412
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: The Dynamics and Function of Feed-Forward Networks

Physics

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: $87,815.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Duration: 11/28/2011 to 9/25/2012
CFDA: 43.000 National Aeronautics and Space Administration
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

Investigator: Weglein, Arthur Dr. 100%
Award Amount: $198,800.00
Cost Center: 00730 / 5022 / H0112 / B0001 / G094786 / 40040
Agency: Various Private Profit Agencies
Pass_Thru Agency: PROFIT
Duration: 1/1/2007 to 12/31/2014
CFDA: 
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Mission-Oriented Seismic Research Program
COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Tang, MD, MPH, MBA, Rosa Dr. 50%
Award Amount: $31,050.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G104346 / 50229
Agency: Biogen Idec Inc
Pass_Thru Agency: 
Agency Type: PROFIT
Duration: 1/10/2012 to 1/10/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evaluation of retinal nerve fiber layer thickness in patients with relapsing forms of multiple sclerosis on treatment with natalizumab

Investigator: Frishman, PhD, Laura J. Dr. 50%
Award Amount: $31,050.00
Cost Center: 00730 / 5022 / H0114 / B0001 / G104346 / 50229
Agency: Biogen Idec Inc
Pass_Thru Agency: 
Agency Type: PROFIT
Duration: 1/10/2012 to 1/10/2013
CFDA:
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Evaluation of retinal nerve fiber layer thickness in patients with relapsing forms of multiple sclerosis on treatment with natalizumab

Investigator: Bergmanson, Jan P. G. Dr. 100%
Award Amount: $1,786.04
Cost Center: 00730 / 5022 / H0114 / B0001 / G103862 / 49203
Agency: Bausch and Lomb Company
Pass_Thru Agency: 
Agency Type: PROFIT
Duration: 3/24/2011 to 3/31/2012
CFDA:
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Protocol #690: A Study to Evaluate the Safety and Efficacy of a Novel Contact Lens for Daily disposable Use
COLLEGE OF OPTOMETRY

Optometry, Community

Investigator: Manny, Ruth E. Dr. 100%
Award Amount: $278,091.00
Cost Center: 00730 / 5013 / H0114 / B0001 / G102902 / 47781
Agency: National Eye Institute
Pass_Thru Agency: FEDERAL
Agency Type: CFDA: Vision Research 93.867
Duration: 12/1/2010 to 11/30/2011
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Collaborative Observational Study of Myopia in COMET Children (COSMICC2) - UH

COLLEGE OF PHARMACY

Clinical Sciences and Administration

Investigator: Garey, Kevin Dr. 100%
Award Amount: $87,750.00
Cost Center: 00730 / 5022 / H0118 / B0001 / G104198 / 50213
Agency: Astellas Pharma US, Inc.
Pass_Thru Agency: PROFIT
Agency Type: CFDA: 11/17/2011 to 5/16/2013
Duration: Restricted Research
CB Designation: Grant - Research
Project Type: Incidence and risk factors for breakthrough candidemia in hospitalized patients: Focus on optimization of antifungal therapy
Project Title:

Investigator: Sansgiry, Sujit Dr. 100%
Award Amount: $8,000.00
Cost Center: 00730 / 5016 / H0118 / B0001 / G103205 / 49319
Agency: Texas Pharmacy Association
Pass_Thru Agency: STATE
Agency Type: CFDA: 8/1/2010 to 8/31/2013
Duration: Restricted Research
CB Designation: Contract - Research
Project Type: The Role of Collaborative Team Approach to Managing Patients with Diabetes to Improve Economic and Health Outcomes
Project Title:
COLLEGE OF PHARMACY
Pharmacological and Pharmaceutical Sciences

Investigator: Hu, Ming Dr. 100%
Award Amount: $86,864.00
Cost Center: 00730 / 5013 / H0117 / B0001 / G104479 / 49967
Agency: Medical College of Wisconsin
Pass_Thru Agency: National Center for Complementary and Alternative Medicine
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2012
CFDA: 93.913 Grants to States for Operation of Offices of Rural Health
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Chemoprevention of lung cancer with red ginseng extracts

COLLEGE OF TECHNOLOGY
Engineering Technology

Investigator: Bose, Anima Dr. 100%
Award Amount: $101,655.00
Cost Center: 00730 / 5013 / H0139 / B0001 / G104737 / 50112
Agency: Ohio University - All Campuses
Agency Type: FEDERAL
Duration: 9/1/2011 to 8/31/2012
CFDA: 81.087 Renewable Energy Research and Development
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Multi-Hybrid Power Vehicles with Cost Effective and Durable Polymer Electrolyte Membrane Fuel Cell and Li-Ion Battery

CULLEN COLLEGE OF ENGINEERING
Center for Integrated Bio and Nano Systems

Investigator: Litvinov, Dmitri Dr. 50%
Award Amount: $4,977.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104450 / 50209
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 1/1/2012 to 12/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: GOALI: Fabrication and Device Physics of Bit-Patterned Magnetic Recording Media
Center for Integrated Bio and Nano Systems

Investigator: Litvinov, Dmitri Dr. 50%
Award Amount: $25,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104154 / 50208
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 1/11/2012 to 8/31/2013
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Supplement: Single-biomolecule detector array based on nanomagnetically stabilized magnetoresistive sensors

Investigator: Bao, Jiming Dr. 50%
Award Amount: $200,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104092 / 50210
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 6/1/2012 to 5/31/2017
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Doped Graphene: a Transformative Paradigm for Plasmonics and Two-Dimensional Nanophotonics

Chemical Engineering

Investigator: Balakotaiah, Vemuri Dr. 30%
Award Amount: $30,000.00
Cost Center: 00730 / 5013 / H0067 / B0001 / G098356 / 45303
Agency: U.S. Department of Energy - National Energy Technology Laboratory
Pass_Thru Agency: FEDERAL
Duration: 9/21/2009 to 9/20/2012
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems
### Cullen College of Engineering

#### Chemical Engineering

**Investigator:** Harold, Michael Dr.  
**Award Amount:** $40,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G098356 / 45303  
**Agency:** U.S. Department of Energy - National Energy Technology Laboratory  
**Pass Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/21/2009 to 9/20/2012  
**CFDA:** 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Assistance

**Project Type:** Restricted Research  
**Project Title:** Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems

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**Investigator:** Luss, Dan Dr.  
**Award Amount:** $30,000.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G098356 / 45303  
**Agency:** U.S. Department of Energy - National Energy Technology Laboratory  
**Pass Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 9/21/2009 to 9/20/2012  
**CFDA:** 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Assistance

**Project Type:** Restricted Research  
**Project Title:** Development of Optimal Catalyst Designs and Operating Strategies for Lean NOx Reduction in Coupled LNT-SCR Systems

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#### Civil Engineering

**Investigator:** Rodrigues, Debora Dr.  
**Award Amount:** $82,865.00  
**Cost Center:** 00730 / 5013 / H0068 / B0001 / G104093 / 50203  
**Agency:** National Science Foundation  
**Pass Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/15/2012 to 12/31/2016  
**CFDA:** 47.041 Engineering Grants

**Project Type:** Restricted Research  
**Project Title:** CAREER: Toxicology of graphene-based nanomaterials: A molecular biotechnology approach
CULLEN COLLEGE OF ENGINEERING

Dean, Engineering

Investigator: Claydon, Frank Dr. 20%
Award Amount: $114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Investigator: Long, Stuart A. Dr. 20%
Award Amount: $114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 4/1/2009 to 3/31/2014
CFDA: 47.076 Education and Human Resources
CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach

Investigator: Rifai, Hanadi Dr. 20%
Award Amount: $114,986.40
Cost Center: 00730 / 5013 / H0066 / B0100 / G097433 / 44159
Agency: National Science Foundation
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CB Designation: Non Restricted Research
Project Type: Grant - Research
Project Title: New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

**Investigator:** Litvinov, Dmitri Dr.  
**Award Amount:** $4,977.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104450 / 50209  
**Agency:** National Science Foundation  
**Duration:** 1/1/2012 to 12/31/2013  
**Project Type:** Grant - Research  
**Project Title:** GOALI: Fabrication and Device Physics of Bit-Patterned Magnetic Recording Media

Electrical & Computer Engineering

**Investigator:** Litvinov, Dmitri Dr.  
**Award Amount:** $25,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G104154 / 50208  
**Agency:** National Science Foundation  
**Duration:** 1/11/2012 to 8/31/2013  
**Project Type:** Grant - Research  
**Project Title:** Supplement: Single-biomolecule detector array based on nanomagnetically stabilized magnetoresistive sensors

**Investigator:** Sharma, Pradeep Dr.  
**Award Amount:** $114,986.40  
**Cost Center:** 00730 / 5013 / H0066 / B0100 / G097433 / 44159  
**Agency:** National Science Foundation  
**Duration:** 4/1/2009 to 3/31/2014  
**Project Type:** Grant - Research  
**Project Title:** New GK-12 Program at the University of Houston: Innovations in Nanotechnology and Nanosciences - Using a Knowledge, Applications, Research, and Technology (KART) Approach
CULLEN COLLEGE OF ENGINEERING

Electrical & Computer Engineering

Investigator: Bao, Jiming Dr. 50%
Award Amount: $200,000.00
Cost Center: 00730 / 5013 / H0070 / B0001 / G104092 / 50210
Agency: National Science Foundation
Pass_Thru Agency: FEDERAL
Duration: 6/1/2012 to 5/31/2017
CFDA: 47.041 Engineering Grants
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: CAREER: Doped Graphene: a Transformative Paradigm for Plasmonics and Two-Dimensional Nanophotonics

Mechanical Engineering

Investigator: Selvamanickam, Venkat Dr. 50%
Award Amount: $150,000.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G104809 / 50198
Agency: Superpower, Inc.
Duration: 1/1/2012 to 6/30/2012
CFDA: 81.135 Advanced Research and Projects Agency - Energy Financial
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: Process Development for Second-Generation HTS Wires (Task 2)

Investigator: Selvamanickam, Venkat Dr. 50%
Award Amount: $100,000.00
Cost Center: 00730 / 5043 / H0452 / B0001 / G104587 / 50167
Agency: Superpower, Inc.
Duration: 1/1/2012 to 6/30/2012
CFDA: 81.135 Advanced Research and Projects Agency - Energy Financial
CB Designation: Restricted Research
Project Type: Contract - Research
Project Title: ARPA-E: 30 T Superconducting Magnetic Energy Storage System (Task 2)
### Cullen College of Engineering

**Mechanical Engineering**

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<td>Selvamanickam, Venkat Dr.</td>
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<td>00730 / 5022 / H0452 / B0001 / G099090 / 44962</td>
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<td>00730 / 5013 / H0521 / B0001 / G102913 / 50107</td>
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**Project Title:** Evaluation of YBCO Coated Conductor Architectures

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### Center for Neuromotor & Biomechanics Research

**Investigator:** Clarke, Mark Dr.  
**Award Amount:** $10,571.52  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center

**Pass Thru Agency:**

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<td>43.003 Basic Research, Educational Outreach, or Training in the area of Exploration</td>
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**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity

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**Investigator:** O'Connor, Daniel Dr.  
**Award Amount:** $10,571.52  
**Cost Center:** 00730 / 5013 / H0521 / B0001 / G102913 / 50107  
**Agency:** NASA - National Aeronautics and Space Administration - Johnson Space Center

**Pass Thru Agency:**

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<td>11/3/2011 to 11/2/2012</td>
<td>43.003 Basic Research, Educational Outreach, or Training in the area of Exploration</td>
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**Project Title:** Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity
# DIVISION OF RESEARCH

## Center for Neuromotor & Biomechanics Research

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<td>00730 / 5013 / H0521 / B0001 / G102913 / 50107</td>
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<td>NASA - National Aeronautics and Space Administration - Johnson Space Center</td>
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## Simpson, Richard Dr.

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## Paloski, William Dr.

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<td>Grant - Research</td>
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DIVISION OF RESEARCH

TcSUH

**Investigator:** Selvamanickam, Venkat Dr.  
**Award Amount:** $150,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G104809 / S0198  
**Agency:** Superpower, Inc.  
**Pass_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2012 to 6/30/2012  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Process Development for Second-Generation HTS Wires (Task 2)

---

**Investigator:** Selvamanickam, Venkat Dr.  
**Award Amount:** $100,000.00  
**Cost Center:** 00730 / 5043 / H0452 / B0001 / G104587 / S0167  
**Agency:** Superpower, Inc.  
**Pass_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 1/1/2012 to 6/30/2012  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** ARPA-E: 30 T Superconducting Magnetic Energy Storage System (Task 2)

---

**Investigator:** Moeller, Angela Dr.  
**Award Amount:** $44,090.50  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G104098 / S0130  
**Agency:** National Science Foundation  
**Pass_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/15/2012 to 12/31/2016  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Low-Dimensional Spin Systems: Interplay of Chemical Pressure on Triangular Lattices with Spin- and Orbital Degrees of Freedom
DIVISION OF RESEARCH

TcSUH

Investigator: Selvam, Venkat Dr. 50%
Award Amount: $50,277.00
Cost Center: 00730 / 5022 / H0452 / B0001 / G099090 / 44962
Agency: Bruker Advanced Supercon
Pass_Thru Agency: 
Agency Type: PROFIT
Duration: 6/1/2009 to 12/31/2012
CFDA: 00730 / 5022 / H0452 / B0001 / G099090 / 44962

Texas Learning/Computation Center

Investigator: Pinsky, Lawrence S. Dr. 50%
Award Amount: $87,815.00
Cost Center: 00730 / 5043 / H0112 / B0001 / G104670 / 50110
Agency: Wyle Science Technology and Engineering Group
Agency Type: FEDERAL
Duration: 11/28/2011 to 9/25/2012
CFDA: 43.000 National Aeronautics and Space Administration

Investigator: Barth, Amy Dr. 10%
Award Amount: $11,950.80
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency: 
Agency Type: FEDERAL
Duration: 1/2/2012 to 12/31/2012
CFDA: 93.865 Center for Research for Mothers and Children

Project Type: Restricted Research
Project Title: Evaluation of YBCO Coated Conductor Architectures

Project Type: Restricted Research
Project Title: Medipix 3 Collaboration and support for on orbit technology development and demonstration

Project Type: Restricted Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension
DIVISION OF RESEARCH

Texas Obesity Research Center

Investigator: Lee, Rebecca Dr. 100%
Award Amount: $30,000.00
Cost Center: 00730 / 5013 / H0500 / B0001 / G098948 / 45876
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency: FEDERAL
Duration: 1/18/2010 to 12/31/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Co-Op Agreement - Research
Project Title: Science and Community: Ending Obesity Improving Health

TIMES

Investigator: Barth, Amy Dr. 70%
Award Amount: $83,655.60
Cost Center: 00730 / 5013 / H0288 / B0001 / G103426 / 50169
Agency: National Institute of Child Health and Human Development
Pass_Thru Agency: FEDERAL
Duration: 1/2/2012 to 12/31/2012
CFDA: 93.865 Center for Research for Mothers and Children
CB Designation: Restricted Research
Project Type: Grant - Research
Project Title: Language, Cognitive, and Neuropsychological Processes in Reading Comprehension
UNIVERSITY OF HOUSTON
Division of Research
New/Continuation Sponsored Research Grants and Contracts
Fiscal Year 2012 - Received during JANUARY

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

UH Charter School

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REPORTING PERIOD ACTIVITY SUMMARY

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