

**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES****Arte Publico Press**

**Investigator:** Kanellos, Nicolas Dr. 100%  
**Award Amount:** \$150,000.00  
**Cost Center:** 00730 / 5021 / H0093 / C0001 / C106094 / 52653  
**Agency:** The California Endowment  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 11/1/2012 to 10/31/2014  
**CFDA:**  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** California's Latino Youth

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**Psychology**

**Investigator:** Spitzmueller, Christiane Dr. 100%  
**Award Amount:** \$30,240.00  
**Cost Center:** 00730 / 5022 / H0125 / B0001 / C105790 / 52790  
**Agency:** British Petroleum Exploration Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 9/1/2012 to 3/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Developing a Measurement and Evaluation Strategy for Excellence

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**Investigator:** Carlson, Coleen Dr. 20%  
**Award Amount:** \$5,981.61  
**Cost Center:** 00730 / 5018 / H0288 / B0001 / G106321 / 52791  
**Agency:** University of Texas Health Science Center at Houston  
**Pass\_Thru Agency:** Texas Education Agency  
**Agency Type:** STATE  
**Duration:** 9/1/2012 to 8/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TPRI & Tejas LEE Print, Distribution and Development

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

**Investigator:** Norton, Peter Dr. 50%  
**Award Amount:** \$101,419.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G103471 / 50390  
**Agency:** National Institute on Drug Abuse  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2012 to 2/28/2014  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Augmenting Smoking Cessation with Transdiagnostic CBT for Smokers with Anxiety

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**Investigator:** Alfano, Candice Dr. 100%  
**Award Amount:** \$181,067.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G104089 / 52480  
**Agency:** University of Central Florida  
**Pass\_Thru Agency:** U.S. Army Medical Research and Material Command  
**Agency Type:** FEDERAL  
**Duration:** 1/15/2013 to 4/14/2016  
**CFDA:** 12.420 Military Medical Research and Development  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** When Parents Go to War: Psychosocial Adjustment among the Families of Deployed OEF/OIF Service Members

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**Investigator:** Zvolensky, Michael Dr. 50%  
**Award Amount:** \$101,419.00  
**Cost Center:** 00730 / 5013 / H0125 / B0001 / G103471 / 50390  
**Agency:** National Institute on Drug Abuse  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2012 to 2/28/2014  
**CFDA:** 93.279 Drug Abuse Research Programs  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Augmenting Smoking Cessation with Transdiagnostic CBT for Smokers with Anxiety

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**Fiscal Year 2013 - Received during APRIL**

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

**Investigator:** Cooper, Tim Dr. 100%  
**Award Amount:** \$151,847.00  
**Cost Center:** 00730 / 5013 / H0104 / B0001 / G105654 / 52600  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2013 to 3/31/2018  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Causes and consequences of evolvability in natural and lab-evolved bacterial populations

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**Investigator:** Gunaratne, Preethi Dr. 100%  
**Award Amount:** \$84,210.00  
**Cost Center:** 00730 / 5016 / H0104 / B0001 / G106309 / 52857  
**Agency:** Baylor College of Medicine  
**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:** DNA Methyltransferase 3B in Normal and Malignant Hematopoiesis

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**Chemistry**

**Investigator:** Miljanic, Ognjen Dr. 100%  
**Award Amount:** \$75,000.00  
**Cost Center:** 00730 / 5021 / H0107 / B0100 / G105637 / 52847  
**Agency:** Research Corporation for Science Advancement  
**Pass\_Thru Agency:**  
**Agency Type:** FOUNDATION  
**Duration:** 7/1/2013 to 6/1/2016  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Lessons from Nature: Compartmentalization, Reaction Discovery, and Parallel Synthesis in Kinetically Self-Sorting Libraries

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**Fiscal Year 2013 - Received during APRIL**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Chemistry**

**Investigator:** Lubchenko, Vassily Dr. 50%  
**Award Amount:** \$3,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G105354 / 52177  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 11/30/2015  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Kinetically stabilized mesoscopic aggregates of proteins

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**Computer Science**

**Investigator:** Garbey, Marc Dr. 100%  
**Award Amount:** \$23,840.00  
**Cost Center:** 00730 / 5021 / H0108 / B0001 / G102294 / 47951  
**Agency:** Methodist Hospital Research Institute  
**Pass\_Thru Agency:**  
**Agency Type:** NON PROFIT  
**Duration:** 9/1/2010 to 8/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Image and Computational Modeling of Breast Conserving Therapy; PhD Graduate Student, Remi Salmon, Salary and Fringe, Sept 1, 2010 - Aug 31, 2011

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**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 12/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Co-Array Fortran Language Enhancement and Reference Implementation

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Earth & Atmospheric Sciences**

**Investigator:** Bissada, Kadry Dr. 100%  
**Award Amount:** \$532,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0100 / C106756 / 52934  
**Agency:** Chevron Corporation  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 3/15/2013 to 11/30/2017  
**CFDA:**  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Chevron Geochemistry Instrumentation Laboratory

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**Investigator:** Bhattacharya, Janok Dr. 100%  
**Award Amount:** \$105,000.00  
**Cost Center:** 00730 / 5022 / H0109 / B0001 / G094776 / 40027  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2007 to 5/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Quantitative Sedimentology Research Consortium

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**Investigator:** Han, De-Hua Dr. 100%  
**Award Amount:** \$120,000.00  
**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

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**Fiscal Year 2013 - Received during APRIL**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Earth & Atmospheric Sciences**

**Investigator:** Sager, William 100%  
**Award Amount:** \$38,459.00  
**Cost Center:** 00730 / 5013 / H0109 / B0001 / G106764 / 52939  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/2/2013 to 6/30/2014  
**CFDA:** 47.050 Geosciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Research: Developing A Prototype Drifter to Measure the Oceanic Geomagnetic Field

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**Mathematics**

**Investigator:** Canic, Suncica Dr. 100%  
**Award Amount:** \$39,999.00  
**Cost Center:** 00730 / 5013 / H0110 / B0100 / G105933 / 52756  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/14/2013 to 6/30/2014  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Supplement for Coanda Effect for Incompressible Flows in Moving Domains

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**Investigator:** Onofrei, Daniel Dr. 100%  
**Award Amount:** \$120,000.00  
**Cost Center:** 00730 / 5013 / H0110 / B0001 / G105545 / 52748  
**Agency:** U.S. Air Force Office of Scientific Research  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/15/2013 to 3/14/2016  
**CFDA:** 12.800 Air Force Defense Research Sciences Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Control of electromagnetic fields

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Mathematics**

**Investigator:** Tomforde, Mark Dr. 100%  
**Award Amount:** \$1,666.65  
**Cost Center:** 00730 / 5013 / H0110 / F0001 / G101742 / 46901  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/1/2010 to 5/31/2013  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Non Research  
**Project Type:** Grant - Instruction  
**Project Title:** Paulette N. Willis: NSF Mathematical Sciences Postdoctoral Research Fellowship for Paulette Willis

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**Physics**

**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$186,304.50  
**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

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**Investigator:** Cheung, Margaret Dr. 100%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0112 / B0001 / G106538 / 52831  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/3/2013 to 6/30/2014  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU Supplement: Effects of macromolecular crowding on protein structure, folding, and interactions

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Pinsky, Lawrence S. Dr. 50%  
**Award Amount:** \$12,240.00  
**Cost Center:** 00730 / 5013 / H0112 / C0001 / G106327 / 52775  
**Agency:** University of Notre Dame  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 8/31/2013  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** UH Quarknet ProgramFY2013(2012-2013)

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**Investigator:** Dubois, Robert Dr. 50%  
**Award Amount:** \$12,240.00  
**Cost Center:** 00730 / 5013 / H0112 / C0001 / G106327 / 52775  
**Agency:** University of Notre Dame  
**Pass\_Thru Agency:** National Science Foundation  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 8/31/2013  
**CFDA:** 47.049 Mathematical and Physical Sciences  
**CB Designation:** Non Research  
**Project Type:** Grant - Public Service  
**Project Title:** UH Quarknet ProgramFY2013(2012-2013)

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**Investigator:** Bensaoula, Abdelhak Dr. 100%  
**Award Amount:** \$10,000.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / G100785 / 45685  
**Agency:** Integrated Micro Sensors, Inc  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 12/15/2009 to 6/30/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Ultra-Strong High-Temperature Bonding of Very Dissimilar Materials Based on Micro-Column Arrays Fabricated by Laser Ablation

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**Fiscal Year 2013 - Received during APRIL**

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Cheung, Margaret Dr. 60%  
**Award Amount:** \$53,400.00  
**Cost Center:** 00730 / 5014 / H0112 / B0001 / G104626 / 50433  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2012 to 4/30/2014  
**CFDA:** 84.367 Improving Teacher Quality State Grants  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Teaching High School Physics Using Inquiry

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**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$121,500.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G106517 / 52710  
**Agency:** Massachusetts Institute of Technology  
**Pass\_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 7/31/2013  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Solid-State Solar-Thermal Energy Conversion Center (S3TEC Center)

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**Investigator:** Weglein, Arthur Dr. 100%  
**Award Amount:** \$248,500.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / G094786 / 40040  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/1/2007 to 6/30/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Mission-Oriented Seismic Research Program

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS****Physics**

**Investigator:** Weglein, Arthur Dr. 100%  
**Award Amount:** \$99,400.00  
**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

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**Investigator:** Bensaoula, Abdelhak Dr. 100%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5022 / H0112 / B0001 / G104811 / 51208  
**Agency:** Chevron Energy Technology Company  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 6/1/2012 to 5/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Real scale testing of an optical wireless sensor for pipe temperature, vibration, position, strain and integrity measurement in an oil pipeline system (Smart Joint)

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**COLLEGE OF OPTOMETRY****Optometry, Community**

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

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**COLLEGE OF OPTOMETRY****Optometry, Community**

**Investigator:** Nichols, Jason Dr. 50%  
**Award Amount:** \$28,146.00  
**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

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**Investigator:** Berntsen, David Dr. 50%  
**Award Amount:** \$28,146.00  
**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

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**Investigator:** Smith III, Earl L. Dr. 100%  
**Award Amount:** \$104,920.00  
**Cost Center:** 00730 / 5021 / H0114 / B0001 / G090297 / 35093  
**Agency:** Brien Holden Vision Institute  
**Pass\_Thru Agency:**  
**Agency Type:** UNIVERSITY  
**Duration:** 6/1/2004 to 6/30/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Special Research Agreement - Research  
**Project Title:** Optical Intervention

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**COLLEGE OF OPTOMETRY****Optometry, Community**

**Investigator:** Berntsen, David Dr. 50%  
**Award Amount:** \$2,916.28  
**Cost Center:** 00730 / 5022 / H0114 / B0001 / G105884 / 52121  
**Agency:** Vistakon, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 10/31/2012 to 6/16/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Clinical and Laboratory Evaluation of 3 Contact Lens Materials with 4 Contact Lens Solutions

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**Investigator:** Nichols, Jason Dr. 50%  
**Award Amount:** \$2,916.28  
**Cost Center:** 00730 / 5022 / H0114 / B0001 / G105884 / 52121  
**Agency:** Vistakon, Inc.  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 10/31/2012 to 6/16/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Contract - Research  
**Project Title:** Clinical and Laboratory Evaluation of 3 Contact Lens Materials with 4 Contact Lens Solutions

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**Investigator:** Manny, Ruth E. Dr. 100%  
**Award Amount:** \$255,304.00  
**Cost Center:** 00730 / 5013 / H0114 / B0001 / G105828 / 52211  
**Agency:** National Eye Institute  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 11/30/2013  
**CFDA:** 93.867 Vision Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Collaborative Observational Study of Myopia in COMET Children (COSMICC2)-UH (Year 15)

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**COLLEGE OF OPTOMETRY****Optometry, Community**

**Investigator:** Glasser, Adrian Dr. 30%  
**Award Amount:** \$1,096.35  
**Cost Center:** 00730 / 5022 / H0114 / B0001 / G105723 / 52027  
**Agency:** Alcon Laboratories  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 10/15/2012 to 4/30/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** GM Alcon Research Ltd - C-12-011 Lens Wobble During a Saccadic Eye Movement and Voluntary Accommodation in Adult Presbyopes and Pseudophakic Subjects

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**Investigator:** Stevenson, Scott B. Dr. 70%  
**Award Amount:** \$2,558.15  
**Cost Center:** 00730 / 5022 / H0114 / B0001 / G105723 / 52027  
**Agency:** Alcon Laboratories  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 10/15/2012 to 4/30/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** GM Alcon Research Ltd - C-12-011 Lens Wobble During a Saccadic Eye Movement and Voluntary Accommodation in Adult Presbyopes and Pseudophakic Subjects

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**COLLEGE OF PHARMACY****Clinical Sciences and Administration**

**Investigator:** Prince, Randall A. Dr. 90%  
**Award Amount:** \$11,340.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / G105670 / 52850  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Durata Therapeutics  
**Agency Type:** PROFIT  
**Duration:** 3/14/2013 to 3/14/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** In-vitro Activity of Dalbavancin and Comparator Agents Against Gram-Positive Isolates From Patients with Cancer

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**COLLEGE OF PHARMACY****Clinical Sciences and Administration**

**Investigator:** Coyle, Elizabeth Dr. 10%  
**Award Amount:** \$1,260.00  
**Cost Center:** 00730 / 5022 / H0118 / B0001 / G105670 / 52850  
**Agency:** University of Texas MD Anderson Cancer Center  
**Pass\_Thru Agency:** Durata Therapeutics  
**Agency Type:** PROFIT  
**Duration:** 3/14/2013 to 3/14/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** In-vitro Activity of Dalbavancin and Comparator Agents Against Gram-Positive Isolates From Patients with Cancer

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**Pharmacological and Pharmaceutical Sciences**

**Investigator:** Hu, Ming Dr. 100%  
**Award Amount:** \$290,148.00  
**Cost Center:** 00730 / 5013 / H0117 / B0001 / G105709 / 51558  
**Agency:** Medical College of Wisconsin  
**Pass\_Thru Agency:** National Center for Complementary and Alternative Medicine  
**Agency Type:** FEDERAL  
**Duration:** 9/1/2012 to 8/31/2013  
**CFDA:** 93.213 Research and Training in Complementary and Alternative Medicine  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Chemoprevention of Lung Cancer with Red Ginseng Extracts

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**CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

**Investigator:** Vekilov, Peter Dr. 100%  
**Award Amount:** \$6,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G106537 / 52942  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/12/2013 to 11/30/2015  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU Supplement: Kinetically-stabilized mesoscopic protein aggregates

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

**CULLEN COLLEGE OF ENGINEERING****Chemical Engineering**

**Investigator:** Vekilov, Peter Dr. 50%  
**Award Amount:** \$3,000.00  
**Cost Center:** 00730 / 5013 / H0107 / B0001 / G105354 / 52177  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 11/30/2015  
**CFDA:** 47.074 Biological Sciences  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Kinetically stabilized mesoscopic aggregates of proteins

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**Investigator:** Vekilov, Peter Dr. 100%  
**Award Amount:** \$99,999.00  
**Cost Center:** 00730 / 5013 / H0067 / B0001 / G106128 / 52738  
**Agency:** NASA - National Aeronautics and Space Administration - Marshall Space Flight Center  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 11/6/2012 to 12/31/2013  
**CFDA:** 43.007 Space Operations  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Solution convection and the nucleation precursors in solution crystallization

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**Investigator:** Stein, Gila Dr. 33%  
**Award Amount:** \$46,473.57  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105770 / 52673  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2013 to 3/31/2016  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU Site: Innovations in Nanotechnology at the University of Houston

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

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

**Investigator:** Han, Zhu Dr. 100%  
**Award Amount:** \$80,000.00  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G099651 / 45949  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 3/1/2010 to 2/28/2015  
**CFDA:** 47.070 Computer and Information Science and Engineering (CISE)  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** CAREER: Mutual Benefit in Cognitive Radio Networks: A Coalitional Game Framework

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**Investigator:** Han, Zhu Dr. 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106110 / 52272  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/15/2013 to 1/14/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Electric Power Analytics Consortium (EPAC)

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**Investigator:** Khodaei, Amin 50%  
**Award Amount:** \$50,000.00  
**Cost Center:** 00730 / 5022 / H0070 / B0001 / C106110 / 52272  
**Agency:** Various Private Profit Agencies  
**Pass\_Thru Agency:**  
**Agency Type:** PROFIT  
**Duration:** 1/15/2013 to 1/14/2014  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Electric Power Analytics Consortium (EPAC)

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

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

**Investigator:** Claydon, Frank Dr. 34%  
**Award Amount:** \$47,881.86  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105770 / 52673  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2013 to 3/31/2016  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU Site: Innovations in Nanotechnology at the University of Houston

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**Investigator:** Long, Stuart A. Dr. 33%  
**Award Amount:** \$46,473.57  
**Cost Center:** 00730 / 5013 / H0070 / B0001 / G105770 / 52673  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 4/1/2013 to 3/31/2016  
**CFDA:** 47.041 Engineering Grants  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** REU Site: Innovations in Nanotechnology at the University of Houston

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**Industrial Engineering**

**Investigator:** Lim, Gino Dr. 100%  
**Award Amount:** \$40,218.65  
**Cost Center:** 00730 / 5021 / H0072 / B0001 / G104012 / 52200  
**Agency:** Texas Engineering Experiment Station  
**Pass\_Thru Agency:** Qatar National Research Fund  
**Agency Type:** FOUNDATION  
**Duration:** 3/15/2012 to 3/15/2015  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Risk Analysis and Efficient Logistics for Maritime Ports and Waterways

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**UNIVERSITY OF HOUSTON**  
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**Fiscal Year 2013 - Received during APRIL**

**CULLEN COLLEGE OF ENGINEERING****Mechanical Engineering**

**Investigator:** Masson, Philippe Dr. 90%  
**Award Amount:** \$45,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G106659 / 52823  
**Agency:** U.S. Department of Energy - Advanced Research Projects Agency.Energy (ARPA.E)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/10/2013 to 9/30/2013  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** High Performance Low Cost Superconducting Wires and Coils for High Power Wind Generators

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**Investigator:** Selvamanickam, Venkat Dr. 10%  
**Award Amount:** \$5,000.00  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G106659 / 52823  
**Agency:** U.S. Department of Energy - Advanced Research Projects Agency.Energy (ARPA.E)  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 1/10/2013 to 9/30/2013  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Co-Op Agreement - Research  
**Project Title:** High Performance Low Cost Superconducting Wires and Coils for High Power Wind Generators

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**Investigator:** Franchek, Matthew Dr. 50%  
**Award Amount:** \$67,387.50  
**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 9/15/2013  
**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

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

**Investigator:** Grigoriadis, Karolos M. Dr. 50%  
**Award Amount:** \$67,387.50  
**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 9/15/2013  
**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

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**Investigator:** Selvamanickam, Venkat Dr. 60%  
**Award Amount:** \$203,822.40  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G105574 / 52735  
**Agency:** Tai-Yang Research Co.  
**Pass\_Thru Agency:** U.S. Department of Energy - Advanced Research Projects Agency.Energy (ARPA.E)  
**Agency Type:** FEDERAL  
**Duration:** 2/15/2013 to 2/14/2016  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Novel, Low Cost, High Field Conductor For Superconducting Magnetic Energy Storage

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**DIVISION OF RESEARCH****Division of Research**

**Investigator:** Colbert-Delcour, Anne Dr. 100%  
**Award Amount:** \$50,500.00  
**Cost Center:** 00730 / 5013 / H0233 / H0001 / G101855 / 49283  
**Agency:** National Science Foundation  
**Pass\_Thru Agency:**  
**Agency Type:** FEDERAL  
**Duration:** 7/15/2011 to 6/30/2016  
**CFDA:** 47.076 Education and Human Resources  
**CB Designation:** Non Research  
**Project Type:** Grant - Scholarship/Fellowship  
**Project Title:** Graduate Research Fellowship Program-Master

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**UNIVERSITY OF HOUSTON**  
**Division of Research**  
**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$121,500.00  
**Cost Center:** 00730 / 5013 / H0452 / B0001 / G106517 / 52710  
**Agency:** Massachusetts Institute of Technology  
**Pass\_Thru Agency:** U.S. Department of Energy  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 7/31/2013  
**CFDA:** 81.049 Office of Energy Research Financial Assistance Program  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Solid-State Solar-Thermal Energy Conversion Center (S3TEC Center)

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**Investigator:** Ren, Zhifeng Dr. 50%  
**Award Amount:** \$186,304.50  
**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

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**Investigator:** Selvamanickam, Venkat Dr. 40%  
**Award Amount:** \$135,881.60  
**Cost Center:** 00730 / 5013 / H0073 / B0001 / G105574 / 52735  
**Agency:** Tai-Yang Research Co.  
**Pass\_Thru Agency:** U.S. Department of Energy - Advanced Research Projects Agency.Energy (ARPA.E)  
**Agency Type:** FEDERAL  
**Duration:** 2/15/2013 to 2/14/2016  
**CFDA:** 81.135 Advanced Research and Projects Agency - Energy Financial  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Novel, Low Cost, High Field Conductor For Superconducting Magnetic Energy Storage

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

**DIVISION OF RESEARCH****TcSUH**

**Investigator:** Cheung, Margaret Dr. 40%  
**Award Amount:** \$35,600.00  
**Cost Center:** 00730 / 5014 / H0112 / B0001 / G104626 / 50433  
**Agency:** Texas Higher Education Coordinating Board  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 2/1/2012 to 4/30/2014  
**CFDA:** 84.367 Improving Teacher Quality State Grants  
**CB Designation:** Non Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Teaching High School Physics Using Inquiry

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**Texas Obesity Research Center**

**Investigator:** Ledoux, Tracey Dr. 33%  
**Award Amount:** \$18,580.98  
**Cost Center:** 00730 / 5013 / H0500 / B0001 / G105083 / 52749  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2012 to 9/30/2013  
**CFDA:** 84.133 National Institute on Disability and Rehabilitation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of a Virtual Reality Weight Management Intervention for Women with Mobility Impairments

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**Investigator:** O'Connor, Daniel Dr. 33%  
**Award Amount:** \$18,580.98  
**Cost Center:** 00730 / 5013 / H0500 / B0001 / G105083 / 52749  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2012 to 9/30/2013  
**CFDA:** 84.133 National Institute on Disability and Rehabilitation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of a Virtual Reality Weight Management Intervention for Women with Mobility Impairments

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

**DIVISION OF RESEARCH**

**Texas Obesity Research Center**

**Investigator:** Lee, Rebecca Dr. 34%  
**Award Amount:** \$19,144.04  
**Cost Center:** 00730 / 5013 / H0500 / B0001 / G105083 / 52749  
**Agency:** Baylor College of Medicine  
**Pass\_Thru Agency:** U.S. Department of Education  
**Agency Type:** FEDERAL  
**Duration:** 10/1/2012 to 9/30/2013  
**CFDA:** 84.133 National Institute on Disability and Rehabilitation Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Development of a Virtual Reality Weight Management Intervention for Women with Mobility Impairments

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**TIMES**

**Investigator:** Carlson, Coleen Dr. 80%  
**Award Amount:** \$23,926.44  
**Cost Center:** 00730 / 5018 / H0288 / B0001 / G106321 / 52791  
**Agency:** University of Texas Health Science Center at Houston  
**Pass\_Thru Agency:** Texas Education Agency  
**Agency Type:** STATE  
**Duration:** 9/1/2012 to 8/31/2013  
**CFDA:**  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** TPRI & Tejas LEE Print, Distribution and Development

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**UNIVERSITY OF HOUSTON**  
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**New/Continuation Sponsored Research Grants and Contracts**  
**Fiscal Year 2013 - Received during APRIL**

UH LAW CENTER

Law-UH

**Investigator:** Evans, Barbara Dr. 100%  
**Award Amount:** \$15,303.00  
**Cost Center:** 00730 / 5013 / H0099 / B0001 / G106714 / 52822  
**Agency:** University of Washington  
**Pass\_Thru Agency:** National Institutes of Health  
**Agency Type:** FEDERAL  
**Duration:** 12/1/2012 to 11/30/2013  
**CFDA:** 93.172 Human Genome Research  
**CB Designation:** Restricted Research  
**Project Type:** Grant - Research  
**Project Title:** Clinical sequencing in cancer: Clinical, ethical, and technological studies

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**REPORTING PERIOD ACTIVITY SUMMARY**

**Federal Funding:** \$2,994,833.65  
**State Funding:** \$114,118.05  
**Local Funding:** \$0.00  
**Profit Funding:** \$1,477,519.05  
**Non Profit Funding:** \$23,840.00  
**Foundation Funding:** \$265,218.65  
**University Funding:** \$104,920.00  
**Total:** **\$4,980,449.40**