

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

**COLLEGE OF EDUCATION**

**Consistency Mgmt and Coop Disc**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094024 / 5021 / H0063 / C0001  
Title: Project GRAD Columbus Linden-McKinley Elementary Schools (Implementation Year 7)  
Agency: Project Grad, Columbus, Ohio  
Agency Code: 4PGX03  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$8,377.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094028 / 5021 / H0063 / C0001  
Title: Project GRAD Columbus Linmoore Middle School (Implementation Year 3)  
Agency: Project Grad, Columbus, Ohio  
Agency Code: 4PGX03  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$4,730.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094172 / 5021 / H0063 / C0001  
Title: Project GRAD Akron Buchtel Feeder Pattern Elementary Schools (Implementation Year 4)  
Agency: Project Grad - Akron  
Agency Code: 4PGX12  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$7,656.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094173 / 5021 / H0063 / C0001  
Title: Project GRAD Akron Buchtel Feeder Pattern Middle School (Implementation Year 3)  
Agency: Project Grad - Akron  
Agency Code: 4PGX12  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$6,035.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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**New Grants and Continuation Awards for Research,**  
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**Received During January, 2007**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094174 / 5021 / H0063 / C0001  
Title: Project GRAD Akron Buchtel Feeder Pattern High School (Implementation Year 3)  
Agency: Project Grad - Akron  
Agency Code: 4PGX12  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$6,186.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G094272 / 5021 / H0063 / C0001  
Title: Project GRAD Los Angeles San Fernando Feeder Pattern Middle Schools (Implementation Year 6)  
Agency: Project Grad, Los Angeles  
Agency Code: 4PGX02  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$33,351.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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**Health and Human Performance**

Investigator: Dr. Kim Matalon, 100.00%  
Cost Center: G094523 / 5015 / H0065 / B0001  
Title: Response of Phenylketonuria To Tetrahydrobiopterin (BH4)  
Agency: University of Texas Medical Branch at Galveston  
Agency Code: 1UTX50  
Agency Type: State  
Duration: 4/1/2006 to 3/31/2007  
Award Amount: \$26,667.00  
Type of Support: Contract for Research  
CFDA: 93.103 - Food and Drug Administration: Research  
CB Designation: Restricted Research

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**Institute for Urban Education**

Investigator: Dr. W. Robert Houston, 100.00%  
Cost Center: G094648 / 5019 / H0059 / C0001  
Title: CAN DO Project - Master  
Agency: Houston Independent School District  
Agency Code: 2HSD00  
Agency Type: Local  
Duration: 9/11/2006 to 6/30/2007  
Award Amount: \$134,421.58  
Type of Support: Co-Op Agreement for Public Service  
CFDA:  
CB Designation: Non Research

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**English**

Investigator: Dr. Carl Lindahl, 100.00%  
Cost Center: G093808 / 5021 / H0086 / C0001  
Title: Surviving Katrina and Rita in Houston  
Agency: The Houston Arts Alliance  
Agency Code: 4CAC00  
Agency Type: Private Non-Profit  
Duration: 7/1/2006 to 6/30/2007  
Award Amount: \$25,000.00  
Type of Support: Grant for Public Service  
CFDA:  
CB Designation: Non Research

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**History**

Investigator: Dr. Tyler Priest, 100.00%  
Cost Center: G093829 / 5013 / H0089 / C0001  
Title: Gulf Coast Communities and the Fabrication and Shipbuilding Industry: A Comparative Community Study  
Agency: U.S. Department of Interior - Minerals Management  
Agency Code: INT001  
Agency Type: Federal  
Duration: 9/20/2006 to 9/20/2009  
Award Amount: \$177,432.00  
Type of Support: Co-Op Agreement for Public Service  
CFDA: 15.423 - Minerals Management (MMS) Environmental Studies Progr  
CB Designation: Non Research

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**Psychology**

Investigator: Dr. Jack M. Fletcher, 78.00%  
Cost Center: G092587 / 5013 / H0125 / B0001  
Title: Cognitive, Instructional & Neuroimaging Factors in Math - Master Account  
Agency: National Institute of Child Health and Human Development  
Agency Code: HEW407  
Agency Type: Federal  
Duration: 2/1/2006 to 7/31/2008  
Award Amount: \$1,134,318.90  
Type of Support: Grant for Research  
CFDA: 93.865 - Center for Research for Mothers and Children  
CB Designation: Restricted Research

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Investigator: Dr. Jack M. Fletcher, 100.00%  
Cost Center: G093856 / 5014 / H0125 / B0100  
Title: Learning Disability Research Center  
Agency: Texas Education Agency  
Agency Code: 1TEA00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$300,000.00  
Type of Support: Grant for Research  
CFDA: 84.027 - Special Education Grants to States  
CB Designation: Non Restricted Research

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**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. David J. Francis, 4.40%  
Cost Center: G092587 / 5013 / H0125 / B0001  
Title: Cognitive, Instructional & Neuroimaging Factors in Math - Master Account  
Agency: National Institute of Child Health and Human Development  
Agency Code: HEW407  
Agency Type: Federal  
Duration: 2/1/2006 to 7/31/2008  
Award Amount: \$63,987.22  
Type of Support: Grant for Research  
CFDA: 93.865 - Center for Research for Mothers and Children  
CB Designation: Restricted Research

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Investigator: Dr. David J. Francis, 20.00%  
Cost Center: G090806 / 5013 / H0288 / B0001  
Title: National Research and Development Centers  
Agency: U.S. Department of Education  
Agency Code: HEW100  
Agency Type: Federal  
Duration: 8/1/2005 to 7/31/2009  
Award Amount: \$1,066,499.80  
Type of Support: Grant for Research  
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
CB Designation: Restricted Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093818 / 5021 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology - Chapiieski  
Agency: Baylor College of Medicine  
Agency Code: 7BAY00  
Agency Type: University  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$33,690.96  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093819 / 5016 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology-Kayl  
Agency: University of Texas - Cancer Center (M.D. Anderson Hosp. & Tumor Inst.)  
Agency Code: 1UTX10  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$37,417.64  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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**University of Houston**  
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**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093820 / 5021 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology - Silver  
Agency: The Institute for Rehabilitation and Research  
Agency Code: 4TIRR0  
Agency Type: Private Non-Profit  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$18,546.48  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093821 / 5016 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology - Breier  
Agency: University of Texas Health Science Center at Houston  
Agency Code: 1UTX11  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$18,546.44  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093822 / 5022 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology-Largen  
Agency: John W. Largen, Ph.D.  
Agency Code: 3JWL00  
Agency Type: Private Profit  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$18,546.48  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093816 / 5016 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology - Ewing Cobbs  
Agency: University of Texas Health Science Center at Houston  
Agency Code: 1UTX11  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$18,690.97  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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**University of Houston**  
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**Received During January, 2007**

Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G093815 / 5021 / H0125 / H0001  
Title: Graduate Student Placement in the Field of Neuropsychology - Cooke  
Agency: Baylor College of Medicine  
Agency Code: 7BAY00  
Agency Type: University  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$18,546.48  
Type of Support: Grant for Scholarship/Fellowship  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G091781 / 5013 / H0125 / B0001  
Title: Outcome Measures for Biomarkers of Brain Pathology  
Agency: University of Florida  
Agency Code: 7UOF00  
Agency Type: University  
Duration: 7/26/2006 to 4/30/2007  
Award Amount: \$111,182.00  
Type of Support: Grant for Research  
CFDA: 93.853 - Clinical Research Related to Neurological Disorders  
CB Designation: Restricted Research

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**Theatre**

Investigator: Dr. Sidney L. Berger, 100.00%  
Cost Center: G091792 / 5021 / H0085 / C0001  
Title: Houston Shakespeare Festival 2006  
Agency: Miller Theatre Advisory Board, Inc  
Agency Code: 4MTB00  
Agency Type: Private Non-Profit  
Duration: 5/1/2006 to 12/31/2006  
Award Amount: \$35,435.78  
Type of Support: Grant for Public Service  
CFDA:  
CB Designation: Non Research

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**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Biology/Biochemistry**

Investigator: Dr. James M. Briggs, 100.00%  
Cost Center: G094446 / 5015 / H0104 / B0001  
Title: Utilization of Antimicrobial Natural Products for the Management of Microorganisms in Spacecraft  
Agency: Texas Southern University  
Agency Code: 1TSU00  
Agency Type: State  
Duration: 6/16/2006 to 6/15/2007  
Award Amount: \$59,441.00  
Type of Support: Contract for Research  
CFDA: 43.000 - National Aeronautics and Space Administration  
CB Designation: Restricted Research

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**Received During January, 2007**

Investigator: Dr. Arnold Eskin, 95.00%  
Cost Center: G089533 / 5013 / H0104 / B0001  
Title: Long-Term Regulation of Glutamate Uptake in Aplysia  
Agency: National Institute of Neurological Disorders and Stroke  
Agency Code: HEW411  
Agency Type: Federal  
Duration: 12/5/2004 to 11/30/2007  
Award Amount: \$229,369.90  
Type of Support: Grant for Research  
CFDA: 93.853 - Clinical Research Related to Neurological Disorders  
CB Designation: Restricted Research

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Investigator: Dr. George E. Fox, 90.00%  
Cost Center: G090181 / 5013 / H0104 / B0001  
Title: The Origins of Translation and Early Evolution of Life  
Agency: National Aeronautics and Space Administration - Goddard Space Flight Center  
Agency Code: NAS600  
Agency Type: Federal  
Duration: 8/15/2005 to 8/14/2008  
Award Amount: \$85,871.70  
Type of Support: Grant for Research  
CFDA: 43.000 - National Aeronautics and Space Administration  
CB Designation: Restricted Research

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Investigator: Dr. Kurt Krause, 90.00%  
Cost Center: G091424 / 5013 / H0104 / B0001  
Title: Small Molecule Alanine Racemase Inhibitors as Novel Therapeutics for Tuberculosis  
Agency: L2 Diagnostics  
Agency Code: 3LDI00  
Agency Type: Private Profit  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$31,599.00  
Type of Support: Contract for Research  
CFDA: 93.866 - Aging Research  
CB Designation: Restricted Research

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Investigator: Dr. Hye-Jeong Yeo, 100.00%  
Cost Center: G093002 / 5013 / H0104 / B0001  
Title: Structural Studies on Bacterial Two-Partner Secretion Systems  
Agency: National Institute of Allergy and Infectious Diseases  
Agency Code: HEW405  
Agency Type: Federal  
Duration: 2/1/2007 to 1/31/2008  
Award Amount: \$268,200.00  
Type of Support: Grant for Research  
CFDA: 93.855 - Allergy, Immunology, and Transplantation Research  
CB Designation: Restricted Research

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**Center for Applied Geoscience Excellence**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Kurt Marfurt, 50.00%  
Cost Center: G090731 / 5022 / H0451 / B0001  
Title: Research in Imaging New Types of Seismic Data  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 10/1/2004 to 9/30/2007  
Award Amount: \$15,625.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Kurt Marfurt, 50.00%  
Cost Center: G094165 / 5022 / H0451 / B0001  
Title: Research in Imaging New Types of Seismic Data  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 10/1/2006 to 9/30/2007  
Award Amount: \$12,500.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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### **Chemistry**

Investigator: Dr. David Hoffman, 60.00%  
Cost Center: G090610 / 5013 / H0107 / B0001  
Title: Fundamental Investigations of the Tribological Properties of Biological Interfaces  
Agency: U.S. Air Force Office of Scientific Research  
Agency Code: DOD101  
Agency Type: Federal  
Duration: 6/1/2005 to 11/30/2007  
Award Amount: \$75,412.80  
Type of Support: Grant for Research  
CFDA: 12.800 - Air Force Defense Research Sciences Program  
CB Designation: Restricted Research

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### **Computer Science**

Investigator: Dr. Ioannis Pavlidis, 50.00%  
Cost Center: G093767 / 5013 / H0246 / B0001  
Title: Integrated CAI Threat Assessment  
Agency: BBN Technologies Corp.  
Agency Code: 3BBN00  
Agency Type: Private Profit  
Duration: 11/1/2006 to 2/28/2007  
Award Amount: \$25,000.00  
Type of Support: Contract for Research  
CFDA: 12.002 - Procurement Technical Assistance for Business Firms  
CB Designation: Restricted Research

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### **Geosciences**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Janok Bhattacharya, 100.00%  
Cost Center: G091748 / 5022 / H0109 / B0001  
Title: Quantitative Sedimentology Research Consortium  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 9/1/2005 to 12/31/2007  
Award Amount: \$27,500.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. K. Bissada, 100.00%  
Cost Center: G090058 / 5022 / H0109 / B0001  
Title: Master Research Services Agreement  
Agency: ChevronTexaco  
Agency Code: 3TXI01  
Agency Type: Private Profit  
Duration: 5/3/2004 to 5/2/2007  
Award Amount: \$50,000.00  
Type of Support: Special Research Agreement for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Daewon Byun, 25.00%  
Cost Center: G093477 / 5018 / H0429 / B0001  
Title: Measurement and Modeling Studies of Boundary Layer Processes in Coastal and Urban Environments to Impr  
Agency: Lamar University  
Agency Code: 1LAM00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$17,083.25  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Peter Copeland, 100.00%  
Cost Center: G094317 / 5022 / H0109 / B0001  
Title: Consortium Support for Isotope Thermochronology of Sedimentary Rocks  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$25,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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**University of Houston**  
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**Received During January, 2007**

Investigator: Dr. Barry Lefer, 50.00%  
Cost Center: G092570 / 5013 / H0429 / B0001  
Title: Collaborative Research: Radical Chemistry Over Sunlit Snow at Summit, Greenland  
Agency: National Science Foundation  
Agency Code: NSF000  
Agency Type: Federal  
Duration: 10/1/2006 to 9/30/2007  
Award Amount: \$14,790.00  
Type of Support: Grant for Research  
CFDA: 47.050 - Geosciences  
CB Designation: Restricted Research

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Investigator: Dr. Kurt Marfurt, 50.00%  
Cost Center: G090731 / 5022 / H0451 / B0001  
Title: Research in Imaging New Types of Seismic Data  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 10/1/2004 to 9/30/2007  
Award Amount: \$15,625.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Kurt Marfurt, 50.00%  
Cost Center: G094165 / 5022 / H0451 / B0001  
Title: Research in Imaging New Types of Seismic Data  
Agency: Various Private Profit Agencies  
Agency Code: 3VAR00  
Agency Type: Private Profit  
Duration: 10/1/2006 to 9/30/2007  
Award Amount: \$12,500.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Bernhard Rappenglueck, 25.00%  
Cost Center: G093477 / 5018 / H0429 / B0001  
Title: Measurement and Modeling Studies of Boundary Layer Processes in Coastal and Urban Environments to Impr  
Agency: Lamar University  
Agency Code: 1LAM00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$17,083.25  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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**University of Houston**  
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**Received During January, 2007**

Investigator: Dr. Bernhard Rappenglueck, 50.00%  
Cost Center: G093945 / 5019 / H0429 / B0001  
Title: VOC Canister Sampling Program in Support to Baylor University-Waco,TX  
Agency: Baylor University at Waco  
Agency Code: 7BUW00  
Agency Type: University  
Duration: 10/1/2006 to 11/30/2006  
Award Amount: \$1,750.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Hua-Wei Zhou, 100.00%  
Cost Center: G093406 / 5013 / H0109 / B0001  
Title: Seismic Imaging of Southern California Crust Using Deformable-Layer Tomography & Prestack Depth  
Agency: National Science Foundation  
Agency Code: NSF000  
Agency Type: Federal  
Duration: 1/1/2007 to 12/31/2008  
Award Amount: \$88,999.00  
Type of Support: Grant for Research  
CFDA: 47.050 - Geosciences  
CB Designation: Restricted Research

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**Institute for Molecular Biology**

Investigator: Dr. Arnold Eskin, 5.00%  
Cost Center: G089533 / 5013 / H0104 / B0001  
Title: Long-Term Regulation of Glutamate Uptake in Aplysia  
Agency: National Institute of Neurological Disorders and Stroke  
Agency Code: HEW411  
Agency Type: Federal  
Duration: 12/5/2004 to 11/30/2007  
Award Amount: \$12,072.10  
Type of Support: Grant for Research  
CFDA: 93.853 - Clinical Research Related to Neurological Disorders  
CB Designation: Restricted Research

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Investigator: Dr. George E. Fox, 10.00%  
Cost Center: G090181 / 5013 / H0104 / B0001  
Title: The Origins of Translation and Early Evolution of Life  
Agency: National Aeronautics and Space Administration - Goddard Space Flight Center  
Agency Code: NAS600  
Agency Type: Federal  
Duration: 8/15/2005 to 8/14/2008  
Award Amount: \$9,541.30  
Type of Support: Grant for Research  
CFDA: 43.000 - National Aeronautics and Space Administration  
CB Designation: Restricted Research

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**Institute for Multidimensional Air Quality Studies**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Daewon Byun, 28.00%  
Cost Center: G093477 / 5018 / H0429 / B0001  
Title: Measurement and Modeling Studies of Boundary Layer Processes in Coastal and Urban Environments to Impr  
Agency: Lamar University  
Agency Code: 1LAM00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$19,133.24  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Barry Lefer, 50.00%  
Cost Center: G092570 / 5013 / H0429 / B0001  
Title: Collaborative Research: Radical Chemistry Over Sunlit Snow at Summit, Greenland  
Agency: National Science Foundation  
Agency Code: NSF000  
Agency Type: Federal  
Duration: 10/1/2006 to 9/30/2007  
Award Amount: \$14,790.00  
Type of Support: Grant for Research  
CFDA: 47.050 - Geosciences  
CB Designation: Restricted Research

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Investigator: Dr. Bernhard Rappenglueck, 22.00%  
Cost Center: G093477 / 5018 / H0429 / B0001  
Title: Measurement and Modeling Studies of Boundary Layer Processes in Coastal and Urban Environments to Impr  
Agency: Lamar University  
Agency Code: 1LAM00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$15,033.26  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Bernhard Rappenglueck, 50.00%  
Cost Center: G093945 / 5019 / H0429 / B0001  
Title: VOC Canister Sampling Program in Support to Baylor University-Waco,TX  
Agency: Baylor University at Waco  
Agency Code: 7BUW00  
Agency Type: University  
Duration: 10/1/2006 to 11/30/2006  
Award Amount: \$1,750.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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**Physics**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Lawrence S. Pinsky, 100.00%  
Cost Center: G094333 / 5013 / H0112 / B0001  
Title: HZETRN2005 Benchmarking and Validation Support Utilizing FLUKA  
Agency: National Aeronautics and Space Administration - Langley Research Center  
Agency Code: NAS200  
Agency Type: Federal  
Duration: 1/23/2007 to 12/31/2007  
Award Amount: \$153,683.00  
Type of Support: Contract for Research  
CFDA: 43.001 - Aerospace Education Services Program  
CB Designation: Restricted Research

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**COLLEGE OF OPTOMETRY**

**Community Optometry**

Investigator: Dr. Jan P. G. Bergmanson, 100.00%  
Cost Center: G093973 / 5022 / H0114 / C0001  
Title: Clinical Evaluation of Biomedics Daily Disposable Lenses with Lipidure  
Agency: Cooper Vision, Inc.  
Agency Code: 3CVI00  
Agency Type: Private Profit  
Duration: 10/1/2006 to 1/31/2008  
Award Amount: \$25,451.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. Jan P. G. Bergmanson, 100.00%  
Cost Center: G094046 / 5022 / H0114 / C0001  
Title: Clinical Evaluation of Silicone Hydrogel Toric Contact Lenses - #CV-06-75  
Agency: Cooper Vision, Inc.  
Agency Code: 3CVI00  
Agency Type: Private Profit  
Duration: 9/1/2006 to 12/31/2007  
Award Amount: \$41,969.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Non Research

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Investigator: Dr. Yuzo M. Chino, 100.00%  
Cost Center: G087686 / 5013 / H0114 / B0001  
Title: Amblyopia  
Agency: National Eye Institute  
Agency Code: HEW402  
Agency Type: Federal  
Duration: 12/1/2003 to 11/30/2007  
Award Amount: \$290,021.00  
Type of Support: Grant for Research  
CFDA: 93.867 - Vision Research  
CB Designation: Restricted Research

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**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Ruth E. Manny, 100.00%  
Cost Center: G087992 / 5022 / H0114 / B0001  
Title: ACHIEVE - University of Houston Clinical Center  
Agency: Ohio State University  
Agency Code: 7OSU00  
Agency Type: University  
Duration: 7/1/2003 to 6/30/2007  
Award Amount: \$68,439.00  
Type of Support: Grant for Research  
CFDA:  
CB Designation: Restricted Research

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**COLLEGE OF PHARMACY**

**Clinical Sciences and Administration**

Investigator: Dr. Hua Chen, 100.00%  
Cost Center: G093332 / 5021 / H0118 / B0001  
Title: The Impact of the FDA Antidepressant Black Box Warning on the Utilizations of Psychotherapy,  
Agency: American Association of Colleges of Pharmacy  
Agency Code: 4AAC00  
Agency Type: Private Non-Profit  
Duration: 12/15/2006 to 12/15/2007  
Award Amount: \$10,000.00  
Type of Support: Special Research Agreement for Research  
CFDA:  
CB Designation: Restricted Research

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**COLLEGE OF TECHNOLOGY**

**Engineering Technology**

Investigator: Dr. Gary Cheng, 100.00%  
Cost Center: G094397 / 5013 / H0139 / B0001  
Title: CAREER: A Hybrid High Strain Rate Forming Process - Laser Dynamic Forming for Micro And Meso - Sc  
Agency: National Science Foundation  
Agency Code: NSF000  
Agency Type: Federal  
Duration: 8/15/2006 to 1/31/2011  
Award Amount: \$418,150.00  
Type of Support: Grant for Research  
CFDA: 47.041 - Engineering Grants  
CB Designation: Restricted Research

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**CULLEN COLLEGE OF ENGINEERING**

**Electrical Engineering**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

Investigator: Dr. Jing Li, 40.00%  
Cost Center: G093884 / 5016 / H0070 / B0001  
Title: Implementation of an FCC Compliant Radar  
Agency: Texas Department of Transportation  
Agency Code: 1DOT00  
Agency Type: State  
Duration: 10/12/2006 to 8/31/2007  
Award Amount: \$46,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Richard Liu, 60.00%  
Cost Center: G093884 / 5016 / H0070 / B0001  
Title: Implementation of an FCC Compliant Radar  
Agency: Texas Department of Transportation  
Agency Code: 1DOT00  
Agency Type: State  
Duration: 10/12/2006 to 8/31/2007  
Award Amount: \$69,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

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**DIVISION OF RESEARCH**

**Center for Materials Chemistry**

Investigator: Dr. David Hoffman, 40.00%  
Cost Center: G090610 / 5013 / H0107 / B0001  
Title: Fundamental Investigations of the Tribological Properties of Biological Interfaces  
Agency: U.S. Air Force Office of Scientific Research  
Agency Code: DOD101  
Agency Type: Federal  
Duration: 6/1/2005 to 11/30/2007  
Award Amount: \$50,275.20  
Type of Support: Grant for Research  
CFDA: 12.800 - Air Force Defense Research Sciences Program  
CB Designation: Restricted Research

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**Institute for Molecular Design**

Investigator: Dr. Kurt Krause, 10.00%  
Cost Center: G091424 / 5013 / H0104 / B0001  
Title: Small Molecule Alanine Racemase Inhibitors as Novel Therapeutics for Tuberculosis  
Agency: L2 Diagnostics  
Agency Code: 3LDI00  
Agency Type: Private Profit  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$3,511.00  
Type of Support: Contract for Research  
CFDA: 93.866 - Aging Research  
CB Designation: Restricted Research

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**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**

**Received During January, 2007**

**Texas Learning/Computation Center**

Investigator: Dr. David J. Francis, 2.20%  
Cost Center: G092587 / 5013 / H0125 / B0001  
Title: Cognitive, Instructional & Neuroimaging Factors in Math - Master Account  
Agency: National Institute of Child Health and Human Development  
Agency Code: HEW407  
Agency Type: Federal  
Duration: 2/1/2006 to 7/31/2008  
Award Amount: \$31,993.61  
Type of Support: Grant for Research  
CFDA: 93.865 - Center for Research for Mothers and Children  
CB Designation: Restricted Research

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Investigator: Dr. David J. Francis, 10.00%  
Cost Center: G090806 / 5013 / H0288 / B0001  
Title: National Research and Development Centers  
Agency: U.S. Department of Education  
Agency Code: HEW100  
Agency Type: Federal  
Duration: 8/1/2005 to 7/31/2009  
Award Amount: \$533,249.90  
Type of Support: Grant for Research  
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
CB Designation: Restricted Research

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Investigator: Dr. Ioannis Pavlidis, 50.00%  
Cost Center: G093767 / 5013 / H0246 / B0001  
Title: Integrated CAI Threat Assessment  
Agency: BBN Technologies Corp.  
Agency Code: 3BBN00  
Agency Type: Private Profit  
Duration: 11/1/2006 to 2/28/2007  
Award Amount: \$25,000.00  
Type of Support: Contract for Research  
CFDA: 12.002 - Procurement Technical Assistance for Business Firms  
CB Designation: Restricted Research

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**TIMES**

Investigator: Dr. David J. Francis, 15.40%  
Cost Center: G092587 / 5013 / H0125 / B0001  
Title: Cognitive, Instructional & Neuroimaging Factors in Math - Master Account  
Agency: National Institute of Child Health and Human Development  
Agency Code: HEW407  
Agency Type: Federal  
Duration: 2/1/2006 to 7/31/2008  
Award Amount: \$223,955.27  
Type of Support: Grant for Research  
CFDA: 93.865 - Center for Research for Mothers and Children  
CB Designation: Restricted Research

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**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During January, 2007**

Investigator: Dr. David J. Francis, 70.00%  
Cost Center: G090806 / 5013 / H0288 / B0001  
Title: National Research and Development Centers  
Agency: U.S. Department of Education  
Agency Code: HEW100  
Agency Type: Federal  
Duration: 8/1/2005 to 7/31/2009  
Award Amount: \$3,732,749.30  
Type of Support: Grant for Research  
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
CB Designation: Restricted Research

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**HILTON COLLEGE OF HOTEL AND RESTAURANT**

**Hotel and Restaurant Management**

Investigator: Dr. Glenn D. Cordua, 50.00%  
Cost Center: G093879 / 5017 / H0081 / B0001  
Title: A Quality Assurance Program for Texas Wine  
Agency: Texas Department of Agriculture  
Agency Code: 1TAD00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$15,000.00  
Type of Support: Co-Op Agreement for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Glenn D. Cordua, 50.00%  
Cost Center: G093880 / 5017 / H0081 / B0001  
Title: Development of a Long Term 5, 10, and 20 Year Approach to Building the Texas Wine 'Brand'  
Agency: Texas Department of Agriculture  
Agency Code: 1TAD00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$42,500.00  
Type of Support: Co-Op Agreement for Research  
CFDA:  
CB Designation: Restricted Research

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Investigator: Dr. Glenn D. Cordua, 50.00%  
Cost Center: G093881 / 5017 / H0081 / B0001  
Title: General Market Research Program to Help Position the Texas Wine Industry  
Agency: Texas Department of Agriculture  
Agency Code: 1TAD00  
Agency Type: State  
Duration: 9/1/2006 to 8/31/2007  
Award Amount: \$91,950.00  
Type of Support: Co-Op Agreement for Research  
CFDA:  
CB Designation: Restricted Research

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**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During January, 2007**

Investigator: Dr. Stowe Shoemaker, 50.00%  
 Cost Center: G093879 / 5017 / H0081 / B0001  
 Title: A Quality Assurance Program for Texas Wine  
 Agency: Texas Department of Agriculture  
 Agency Code: 1TAD00  
 Agency Type: State  
 Duration: 9/1/2006 to 8/31/2007  
 Award Amount: \$15,000.00  
 Type of Support: Co-Op Agreement for Research  
 CFDA:  
 CB Designation: Restricted Research

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Investigator: Dr. Stowe Shoemaker, 50.00%  
 Cost Center: G093880 / 5017 / H0081 / B0001  
 Title: Development of a Long Term 5, 10, and 20 Year Approach to Building the Texas Wine 'Brand'  
 Agency: Texas Department of Agriculture  
 Agency Code: 1TAD00  
 Agency Type: State  
 Duration: 9/1/2006 to 8/31/2007  
 Award Amount: \$42,500.00  
 Type of Support: Co-Op Agreement for Research  
 CFDA:  
 CB Designation: Restricted Research

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Investigator: Dr. Stowe Shoemaker, 50.00%  
 Cost Center: G093881 / 5017 / H0081 / B0001  
 Title: General Market Research Program to Help Position the Texas Wine Industry  
 Agency: Texas Department of Agriculture  
 Agency Code: 1TAD00  
 Agency Type: State  
 Duration: 9/1/2006 to 8/31/2007  
 Award Amount: \$91,950.00  
 Type of Support: Co-Op Agreement for Research  
 CFDA:  
 CB Designation: Restricted Research

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<b>Total Federal</b>	<b>\$8,675,362.00</b>
<b>Total State</b>	<b>\$942,996.05</b>
<b>Total Local</b>	<b>\$134,421.58</b>
<b>Total Other</b>	<b>\$720,502.18</b>
<b>TOTAL THIS MONTH</b>	<b>\$10,473,281.81</b>