

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

Received During June, 2005

COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Dr. Susan E. Williams, 50.00%
Cost Center: G091215 / 5016 / H0062 / C0001
Title: MORE Math for Teachers (Grades 6-8) - UH/Fort Bend ISD
Agency: Texas Higher Education Coordinating Board
Agency Code: 1COR00
Revenue Source Code: 600
Duration: 5/1/2005 to 5/31/2006
Award Amount: \$39,999.50
Type of Support: Grant for Public Service
CFDA: 84.367 - Improving Teacher Quality State Grants
CB Designation: Non Research

Health and Human Performance

Investigator: Dr. Andrew S. Jackson, 100.00%
Cost Center: G090415 / 5013 / H0065 / B0001
Title: Genetic Factors in Physical Activity and Obesity
Agency: Baylor College of Medicine
Agency Code: 7BAY00
Revenue Source Code: 800
Duration: 10/1/2004 to 7/31/2005
Award Amount: \$159,029.00
Type of Support: Contract for Research
CFDA: 93.862 - Genetics and Developmental Biology Research
CB Designation: Restricted Research

Investigator: Dr. Kim Matalon, 100.00%
Cost Center: G089689 / 5014 / H0065 / B0001
Title: Response of Phenylketonuria to Tetrahydrobiopterin (BH4)
Agency: University of Texas Medical Branch at Galveston
Agency Code: 1UTX50
Revenue Source Code: 600
Duration: 4/1/2005 to 3/31/2006
Award Amount: \$54,603.00
Type of Support: Contract for Research
CFDA: 93.103 - Food and Drug Administration: Research
CB Designation: Restricted Research

Texas Center for University School Partnerships

University of Houston
Division of Research
New Grants and Continuation Awards for Research,
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Received During June, 2005

Investigator: Dr. W. Robert Houston, 100.00%
Cost Center: G085637 / 5021 / H0059 / B0001
Title: Bright Beginnings - Evaluation
Agency: United Way of the Texas Gulf Coast
Agency Code: 4UWAY2
Revenue Source Code: 800
Duration: 10/1/2001 to 12/31/2005
Award Amount: \$60,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. W. Robert Houston, 100.00%
Cost Center: G091523 / 5022 / H0059 / A0001
Title: University of Houston - Project GRAD
Agency: Project Grad - Houston
Agency Code: 4PGX04
Revenue Source Code: 800
Duration: 4/22/2005 to 2/28/2006
Award Amount: \$151,294.00
Type of Support: Contract for Instruction
CFDA:
CB Designation: Non Research

Investigator: Dr. W. Robert Houston, 100.00%
Cost Center: G091330 / 5019 / H0059 / C0001
Title: CAN-DO Benavidez
Agency: Houston Independent School District
Agency Code: 2HSD00
Revenue Source Code: 700
Duration: 2/21/2005 to 6/29/2005
Award Amount: \$17,039.50
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Anthropology

Investigator: Dr. Janis Hutchinson, 100.00%
Cost Center: G087712 / 5015 / H0121 / B0001
Title: Indian and Hindu Perspectives on Human Genetic Variations
Agency: Baylor College of Medicine
Agency Code: 7BAY00
Revenue Source Code: 800
Duration: 4/20/2004 to 3/31/2006
Award Amount: \$43,016.00
Type of Support: Contract for Research
CFDA: 93.172 - Human Genome Research
CB Designation: Restricted Research

Arte Publico Press

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

Received During June, 2005

Investigator: Dr. Nicolas Kanellos, 100.00%
Cost Center: G001998 / 5022 / H0093 / B0001
Title: Final Stabilization Grant - Interest Bearing Account
Agency: Rockefeller Foundation
Agency Code: 6RFF00
Revenue Source Code: 800
Duration: 1/1/2000 to 12/31/2004
Award Amount: \$2,034.91
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Communication Disorders

Investigator: Dr. Lynn S. Bliss, 100.00%
Cost Center: G005329 / 5019 / H0087 / C0001
Title: City of Houston Well Child Clinics
Agency: City of Houston Health and Human Services
Agency Code: 2CTY05
Revenue Source Code: 700
Duration: 7/1/2001 to 6/30/2006
Award Amount: \$34,000.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

Economics

Investigator: Dr. Nathaniel T. Wilcox, 100.00%
Cost Center: G087400 / 5013 / H0122 / B0001
Title: Collaborative Research: Social Versus Individual Learning in Life-Cycle Consumption and Saving
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 2/15/2004 to 8/31/2006
Award Amount: \$58,289.00
Type of Support: Grant for Research
CFDA: 47.075 - Social, Behavioral, and Economic Sciences
CB Designation: Restricted Research

Investigator: Dr. Nathaniel T. Wilcox, 100.00%
Cost Center: G089522 / 5013 / H0122 / B0001
Title: Collaborative Research: Social Versus Individual Learning in Life-Cycle Consumption and Saving
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 2/15/2004 to 8/31/2006
Award Amount: \$5,161.00
Type of Support: Grant for Research
CFDA: 47.075 - Social, Behavioral, and Economic Sciences
CB Designation: Restricted Research

Psychology

University of Houston
Division of Research
New Grants and Continuation Awards for Research,
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Received During June, 2005

Investigator: Dr. David J. Francis, 20.00%
Cost Center: G086443 / 5014 / H0288 / B0001
Title: Scaling up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 9/19/2002 to 9/18/2005
Award Amount: \$55,434.40
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

Investigator: Dr. Christiane Spitzmueller, 100.00%
Cost Center: G090981 / 5021 / H0125 / B0001
Title: ExxonMobil Test Validation Project
Agency: ExxonMobil Upstream Research Co.
Agency Code: 3EXX09
Revenue Source Code: 800
Duration: 12/13/2004 to 12/31/2005
Award Amount: \$20,000.00
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Dr. Brigitte Dauwalder, 100.00%
Cost Center: G089275 / 5013 / H0104 / B0001
Title: The Molecular Genetics of Male Courtship of Drosophila
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 9/1/2004 to 8/31/2006
Award Amount: \$126,287.00
Type of Support: Grant for Research
CFDA: 47.074 - Biological Sciences
CB Designation: Restricted Research

Investigator: Dr. Anne Delcour, 100.00%
Cost Center: G090979 / 5021 / H0104 / B0001
Title: Structure and Conformations of Porins
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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New Grants and Continuation Awards for Research,
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Received During June, 2005

Investigator: Dr. George E. Fox, 100.00%
Cost Center: G091726 / 5021 / H0104 / B0001
Title: Molecular Dissection of a Multi-Functional Protein Domain that is Required for Amino Acid Editing and
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$30,103.48
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Xiaolian Gao, 100.00%
Cost Center: G091708 / 5021 / H0104 / B0001
Title: Parallel Synthesis Using Photogenerated Reagents
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Kurt Krause, 75.00%
Cost Center: G091558 / 5021 / H0104 / B0001
Title: Structural Studies on the Chemical Mechanism of Proteins
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$37,500.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Glen Legge, 100.00%
Cost Center: G091705 / 5021 / H0104 / B0001
Title: NMR Methods for Dynamics and Structure Determination of Protein-Ligand Complexes
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. Steve Pennings, 100.00%
Cost Center: G087968 / 5013 / H0104 / B0001
Title: LTER-Georgia Land/Ocean Margin Ecosystem
Agency: University of Georgia
Agency Code: 7UGE00
Revenue Source Code: 800
Duration: 5/1/2003 to 4/30/2006
Award Amount: \$48,886.00
Type of Support: Contract for Research
CFDA: 47.050 - Geosciences
CB Designation: Restricted Research

Investigator: Dr. Christus Stathopoulos, 100.00%
Cost Center: G091090 / 5021 / H0104 / B0001
Title: Biochemical Characterization of Secreted Autotransporter Polypeptides
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Shiao-Chun Tu, 95.00%
Cost Center: G000104 / 5013 / H0104 / B0001
Title: Structure and Mechanism of Flavoprotein Hydroxylases
Agency: National Institute of General Medical Sciences
Agency Code: HEW410
Revenue Source Code: 500
Duration: 7/1/1995 to 6/30/2000
Award Amount: \$5,059.34
Type of Support: Grant for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

Investigator: Dr. Shiao-Chun Tu, 100.00%
Cost Center: G091562 / 5021 / H0104 / B0001
Title: Mechanism of Chemical and Biochemical Redox Systems
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. William R. Widger, 100.00%
Cost Center: G091564 / 5021 / H0104 / B0001
Title: Studies of the Mithchondrial NADH: Ubiquinone Oxidoreductase
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$55,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Hye-Jeong Yeo, 100.00%
Cost Center: G091076 / 5021 / H0104 / B0001
Title: Atomic Resolution Structure of the Haemophilus Influenzae Omp85-Like Protein
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Center for Applied Geoscience Excellence

Investigator: Dr. Fred Hilterman, 30.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$34,767.30
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Investigator: Dr. E. Charlotte Sullivan, 10.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$11,589.10
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. Robert Wiley, 10.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$11,589.10
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Chemistry

Investigator: Dr. Thomas A. Albright, 100.00%
Cost Center: G090987 / 5021 / H0107 / B0001
Title: Dynamics of New Materials
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Steve Baldelli, 60.00%
Cost Center: G091476 / 1098 / H0107 / B0020
Title: In Situ Surface Studies of Novel Corrosion Inhibitors on Iron and Steel-Supplemental Award for High School
Agency: Texas Higher Education Coordinating Board - ATP
Agency Code: 1COR01
Revenue Source Code: 600
Duration: 5/30/2005 to 7/1/2005
Award Amount: \$2,700.00
Type of Support: Grant for Research
CFDA:
CB Designation: Non Restricted Research

Investigator: Dr. John L. Bear, 100.00%
Cost Center: G091566 / 5021 / H0107 / B0001
Title: Structure-Reactivity Relationships in Dirhodium and Diruthenium Complexes
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2004 to 5/31/2006
Award Amount: \$55,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. Eric R. Bittner, 60.00%
Cost Center: G091567 / 5021 / H0107 / B0001
Title: Quantum Dynamical Studies of Electronic Transport in Molecular Devices
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$30,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Roman Czernuszewicz, 100.00%
Cost Center: G091002 / 5021 / H0107 / B0001
Title: Biological Applications of Resonance Raman Scattering
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 7/31/2005
Award Amount: \$8,500.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Arnold M. Guloy, 100.00%
Cost Center: G091550 / 5021 / H0107 / B0001
Title: Synthesis and Properties of Multifunctional Low-Dimensional Organic-Based Metal Halides
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Shiv Halasyamani, 100.00%
Cost Center: G091707 / 5021 / H0107 / B0001
Title: Advanced Second-Harmonic Generating Materials
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. T. Randall Lee, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Investigator: Dr. Scott S. Perry, 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
Revenue Source Code: 500
Duration: 6/1/2005 to 11/30/2005
Award Amount: \$45,260.40
Type of Support: Grant for Research
CFDA: 12.800 - Air Force Defense Research Sciences Program
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Investigator: Dr. J. Wayne Rabalais, 100.00%
Cost Center: G091560 / 5021 / H0107 / B0001
Title: Mechanism of Ion Induced Electron Emission From Surfaces
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$55,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Computer Science

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

Received During June, 2005

Investigator: Dr. Barbara M. Chapman, 100.00%
Cost Center: G091362 / 5013 / H0108 / B0001
Title: Collaborative Research: Performance Toolset for Dynamic Optimization of High-End Hybrid Applications-
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 11/1/2004 to 10/31/2007
Award Amount: \$12,000.00
Type of Support: Grant for Research
CFDA: 47.070 - Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research

Investigator: Dr. Jaspal Subhlok, 50.00%
Cost Center: G089160 / 5013 / H0246 / B0001
Title: Automatic Construction of Performance Skeletons for Grid Resource Selection
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$32,500.00
Type of Support: Grant for Research
CFDA: 47.041 - Engineering Grants
CB Designation: Restricted Research

Investigator: Dr. Rakesh M. Verma, 100.00%
Cost Center: G087168 / 5013 / H0108 / B0001
Title: Algorithmic and Foundational Aspects of Rewriting
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 7/15/2003 to 6/30/2006
Award Amount: \$124,128.00
Type of Support: Grant for Research
CFDA: 47.070 - Computer and Information Science and Engineering (CISE)
CB Designation: Restricted Research

Geosciences

Investigator: Dr. K. Bissada, 100.00%
Cost Center: G090058 / 5022 / H0109 / B0001
Title: Master Research Services Agreement
Agency: ChevronTexaco
Agency Code: 3TXI01
Revenue Source Code: 800
Duration: 5/3/2004 to 6/30/2005
Award Amount: \$52,308.00
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

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New Grants and Continuation Awards for Research,
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Received During June, 2005

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G090884 / 5016 / H0429 / B0001
Title: Quality Assurance of New Eastern Texas Land Cover Use
Agency: University of Texas Center for Space Research
Agency Code: 1UTX16
Revenue Source Code: 600
Duration: 1/1/2005 to 6/30/2005
Award Amount: \$5,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. De-Hua Han, 100.00%
Cost Center: G087321 / 5022 / H0109 / B0001
Title: Fluid & Rock Properties and Seismic Hydrocarbon Indicators
Agency: Various Private Profit Agencies
Agency Code: 3VAR00
Revenue Source Code: 800
Duration: 1/15/2003 to 12/31/2005
Award Amount: \$40,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Fred Hilterman, 30.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$34,767.30
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Investigator: Dr. Shuhab Khan, 100.00%
Cost Center: G091054 / 5013 / H0109 / B0001
Title: Remote Sensing and Geochemical Studies for Finding Hydrocarbon-Induced Alterations in Lisbon Valley, Ut
Agency: Stephen F. Austin University
Agency Code: 1SFA00
Revenue Source Code: 600
Duration: 4/1/2005 to 8/31/2005
Award Amount: \$3,500.00
Type of Support: Contract for Research
CFDA: 15.808 - U.S. Geological Survey - Research and Data Acquisition
CB Designation: Restricted Research

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Received During June, 2005

Investigator: Dr. E. Charlotte Sullivan, 10.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$11,589.10
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Investigator: Dr. Robert Wiley, 10.00%
Cost Center: G089485 / 5013 / H0451 / B0001
Title: Advanced Reservoir Imaging Using Frequency and Phase-Dependent Seismic Attributes
Agency: U.S. Department of Energy
Agency Code: DOE000
Revenue Source Code: 500
Duration: 1/1/2005 to 12/31/2007
Award Amount: \$11,589.10
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Institute for Molecular Biology

Investigator: Dr. Shiao-Chun Tu, 5.00%
Cost Center: G000104 / 5013 / H0104 / B0001
Title: Structure and Mechanism of Flavoprotein Hydroxylases
Agency: National Institute of General Medical Sciences
Agency Code: HEW410
Revenue Source Code: 500
Duration: 7/1/1995 to 6/30/2000
Award Amount: \$266.28
Type of Support: Grant for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

Institute for Molecular Design

Investigator: Dr. Kurt Krause, 25.00%
Cost Center: G091558 / 5021 / H0104 / B0001
Title: Structural Studies on the Chemical Mechanism of Proteins
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$12,500.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Institute for Multidimensional Air Quality Studies

University of Houston
Division of Research
New Grants and Continuation Awards for Research,
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Received During June, 2005

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G090884 / 5016 / H0429 / B0001
Title: Quality Assurance of New Eastern Texas Land Cover Use
Agency: University of Texas Center for Space Research
Agency Code: 1UTX16
Revenue Source Code: 600
Duration: 1/1/2005 to 6/30/2005
Award Amount: \$5,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Mathematics

Investigator: Dr. Garret J. Etgen, 50.00%
Cost Center: G091215 / 5016 / H0062 / C0001
Title: MORE Math for Teachers (Grades 6-8) - UH/Fort Bend ISD
Agency: Texas Higher Education Coordinating Board
Agency Code: 1COR00
Revenue Source Code: 600
Duration: 5/1/2005 to 5/31/2006
Award Amount: \$39,999.50
Type of Support: Grant for Public Service
CFDA: 84.367 - Improving Teacher Quality State Grants
CB Designation: Non Research

Physics

Investigator: Dr. Alex Ignatiev, 10.00%
Cost Center: G085475 / 5013 / H0245 / B0001
Title: Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Code: NAS700
Revenue Source Code: 500
Duration: 10/15/2001 to 10/31/2005
Award Amount: \$75,100.00
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

Investigator: Dr. John H. Miller, 60.00%
Cost Center: G091559 / 5021 / H0112 / B0001
Title: Dielectric Spectroscopy of Chemical and Biological Systems
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$33,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Arthur Weglein, 100.00%
Cost Center: G086114 / 5022 / H0112 / B0001
Title: Mission-oriented Seismic Research Program
Agency: Various Private Profit Agencies
Agency Code: 3VAR00
Revenue Source Code: 800
Duration: 1/1/2002 to 12/31/2005
Award Amount: \$96,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Roy Weinstein, 100.00%
Cost Center: G091563 / 5021 / H0112 / B0001
Title: Improvement of Chemical Pinning Centers in High Tc Superconductors
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$55,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF OPTOMETRY

Community Optometry

Investigator: Dr. Jan P. G. Bergmanson, 100.00%
Cost Center: G091453 / 5022 / H0114 / C0001
Title: Bausch & Lomb MaxSight Contact Lens Study #411
Agency: Bausch and Lomb Company
Agency Code: 3BLC00
Revenue Source Code: 800
Duration: 4/15/2005 to 4/14/2007
Award Amount: \$8,184.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Restricted Research

Investigator: Dr. Jan P. G. Bergmanson, 100.00%
Cost Center: G090659 / 5022 / H0114 / B0001
Title: Ocular Sciences Clinical Performance of 52 Vs. 55 Daily Wear Soft Contact Lenses (Ocular Sciences Study
Agency: Ocular Sciences, Inc.
Agency Code: 3OSI00
Revenue Source Code: 800
Duration: 10/27/2004 to 10/27/2006
Award Amount: \$25,896.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Donald A. Fox, 100.00%
Cost Center: G087004 / 5013 / H0114 / B0001
Title: Low-Level Prenatal Lead Exposure and Retinal Toxicity
Agency: National Institute of Environmental Health Sciences
Agency Code: HEW409
Revenue Source Code: 500
Duration: 7/7/2003 to 5/31/2006
Award Amount: \$356,224.00
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

Investigator: Dr. Adrian Glasser, 100.00%
Cost Center: G091462 / 5022 / H0114 / B0001
Title: Development and Evaluation of Fluid Controlled Accommodating Intraocular Lenses Phase I
Agency: PowerVision, Inc.
Agency Code: 3PVI00
Revenue Source Code: 800
Duration: 4/1/2005 to 3/30/2006
Award Amount: \$6,911.19
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Earl L. Smith III, 100.00%
Cost Center: G090297 / 5021 / H0114 / B0001
Title: Optical Intervention
Agency: Vision Cooperative Research Centre
Agency Code: 7VCR00
Revenue Source Code: 800
Duration: 6/1/2004 to 5/31/2010
Award Amount: \$150,032.27
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

Optometry

Investigator: Dr. Earl L. Smith III, 100.00%
Cost Center: G000035 / 5013 / H0113 / B0001
Title: Optically Induced Anisometropia
Agency: National Eye Institute
Agency Code: HEW402
Revenue Source Code: 500
Duration: 4/1/2000 to 12/31/2005
Award Amount: \$20,566.42
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

COLLEGE OF PHARMACY

Clinical Sciences and Administration

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

Received During June, 2005

Investigator: Dr. Sujit Sangsiry, 100.00%
Cost Center: G083899 / 5022 / H0118 / B0001
Title: Consumer Health Involvement: Effect on Patient Outcomes
Agency: Kelsey-Seybold Foundation
Agency Code: 6KSF00
Revenue Source Code: 800
Duration: 9/1/2001 to 12/31/2005
Award Amount: \$4,885.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Vincent Tam, 100.00%
Cost Center: G090771 / 5022 / H0118 / B0001
Title: Mechanisms of Carbapenem-Resistant Pseudomonas Aeruginosa
Agency: Society of Infectious Diseases Pharmacists
Agency Code: 4IDP00
Revenue Source Code: 800
Duration: 6/1/2005 to 6/30/2005
Award Amount: \$5,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Heart and Kidney Institute

Investigator: Dr. Richard A. Bond, 25.00%
Cost Center: G087620 / 5021 / H0117 / B0001
Title: Effects of Beta-Adrenoceptor Inverse Agonists Treatment on Murine Models of Asthma
Agency: Sandler Program for Asthma Research
Agency Code: 4SPA00
Revenue Source Code: 800
Duration: 7/1/2003 to 6/30/2006
Award Amount: \$31,250.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Brian Knoll, 50.00%
Cost Center: G089166 / 5022 / H0117 / B0001
Title: Sorting Motif in the Human Beta 2 Adrenergic Receptor 4th Cytoplasmic Domain
Agency: American Heart Association - Texas Affiliate
Agency Code: 4AHA10
Revenue Source Code: 800
Duration: 7/1/2004 to 6/30/2006
Award Amount: \$31,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Brian Knoll, 25.00%
Cost Center: G087620 / 5021 / H0117 / B0001
Title: Effects of Beta-Adrenoceptor Inverse Agonists Treatment on Murine Models of Asthma
Agency: Sandler Program for Asthma Research
Agency Code: 4SPA00
Revenue Source Code: 800
Duration: 7/1/2003 to 6/30/2006
Award Amount: \$31,250.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Pharmacological and Pharmaceutical Sciences

Investigator: Dr. Richard A. Bond, 25.00%
Cost Center: G087620 / 5021 / H0117 / B0001
Title: Effects of Beta-Adrenoceptor Inverse Agonists Treatment on Murine Models of Asthma
Agency: Sandler Program for Asthma Research
Agency Code: 4SPA00
Revenue Source Code: 800
Duration: 7/1/2003 to 6/30/2006
Award Amount: \$31,250.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Douglas C. Eikenburg, 100.00%
Cost Center: G090953 / 5022 / H0117 / B0001
Title: Regulation of Alpha2-Adrenoceptor Down-Regulation by GRK3
Agency: American Heart Association - Texas Affiliate
Agency Code: 4AHA10
Revenue Source Code: 800
Duration: 7/1/2005 to 6/30/2006
Award Amount: \$62,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Brian Knoll, 50.00%
Cost Center: G089166 / 5022 / H0117 / B0001
Title: Sorting Motif in the Human Beta 2 Adrenergic Receptor 4th Cytoplasmic Domain
Agency: American Heart Association - Texas Affiliate
Agency Code: 4AHA10
Revenue Source Code: 800
Duration: 7/1/2004 to 6/30/2006
Award Amount: \$31,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Brian Knoll, 25.00%
Cost Center: G087620 / 5021 / H0117 / B0001
Title: Effects of Beta-Adrenoceptor Inverse Agonists Treatment on Murine Models of Asthma
Agency: Sandler Program for Asthma Research
Agency Code: 4SPA00
Revenue Source Code: 800
Duration: 7/1/2003 to 6/30/2006
Award Amount: \$31,250.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Sunny Ohia, 100.00%
Cost Center: G091593 / 5022 / H0117 / B0001
Title: Studies of 5-Hydroxytryptamine Receptors in Ocular and Non-Ocular Smooth Muscles
Agency: Alcon Research Limited
Agency Code: 3ALCL1
Revenue Source Code: 800
Duration: 4/1/2005 to 12/31/2005
Award Amount: \$50,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

CULLEN COLLEGE OF ENGINEERING

Center for Neuro-Engineering and Cognitive Science

Investigator: Dr. Valery Kalatsky, 20.00%
Cost Center: G091528 / 5021 / H0070 / B0001
Title: Sloan Research Fellowship for Dr. Valery Kalatsky
Agency: Alfred P. Sloan Foundation
Agency Code: 6SLO00
Revenue Source Code: 800
Duration: 9/1/2005 to 8/31/2007
Award Amount: \$9,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Chemical Engineering

Investigator: Dr. Vemuri Balakotaiah, 50.00%
Cost Center: G089613 / 5015 / H0067 / B0001
Title: Development of an Integrated Particulate and Nox Trap System for Diesel Engines
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$25,000.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Vemuri Balakotaiah, 100.00%
Cost Center: G091657 / 5021 / H0067 / B0001
Title: Modeling and Analysis of Spatiotemporal Patterns in Homogeneous and Catalytic Reactions and Reactors
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Michael Harold, 100.00%
Cost Center: G090819 / 5022 / H0067 / B0001
Title: Evaluation of Multi-Bed NOx Trap Designs
Agency: MSX International
Agency Code: 3MSX00
Revenue Source Code: 800
Duration: 5/1/2005 to 4/30/2006
Award Amount: \$10,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Michael Harold, 35.00%
Cost Center: G089613 / 5015 / H0067 / B0001
Title: Development of an Integrated Particulate and Nox Trap System for Diesel Engines
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$17,500.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

Investigator: Dr. Ramanan Krishnamoorti, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Kishore K. Mohanty, 100.00%
Cost Center: G089431 / 5013 / H0067 / B0001
Title: NMR Well Logging and Special Core Analysis for Fluid-Rock Characterization
Agency: Rice University
Agency Code: 7RIC00
Revenue Source Code: 800
Duration: 9/17/2004 to 9/16/2005
Award Amount: \$65,358.00
Type of Support: Co-Op Agreement for Research
CFDA: 81.089 - Fossil Energy Research and Development
CB Designation: Restricted Research

Investigator: Dr. James T. Richardson, 85.00%
Cost Center: G089834 / 5015 / H0067 / B0001
Title: Improved Combustion Catalysts for Nox Emission Reduction
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$42,500.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

Civil Engineering

Investigator: Dr. Dennis A. Clifford, 20.00%
Cost Center: G090916 / 5013 / H0068 / B0001
Title: Simultaneous Oxidation and Removal of AS(III) and As(V) by Electrocoagulation-Filtration
Agency: American Water Works Association Research Foundation
Agency Code: 6AWW00
Revenue Source Code: 800
Duration: 6/1/2005 to 6/1/2007
Award Amount: \$19,997.80
Type of Support: Contract for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. William G. Rixey, 100.00%
Cost Center: G090278 / 5015 / H0068 / B0001
Title: A Large Scale Experimental Investigation of the Impact of Ethanol on Ground Water Contamination
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$5,000.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Gautam Samanta, 80.00%
Cost Center: G090916 / 5013 / H0068 / B0001
Title: Simultaneous Oxidation and Removal of AS(III) and As(V) by Electrocoagulation-Filtration
Agency: American Water Works Association Research Foundation
Agency Code: 6AWW00
Revenue Source Code: 800
Duration: 6/1/2005 to 6/1/2007
Award Amount: \$79,991.20
Type of Support: Contract for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Electrical Engineering

Investigator: Dr. David R. Jackson, 50.00%
Cost Center: G091507 / 5013 / H0070 / B0001
Title: Studies in Modeling Finite and Infinite Periodic Structures
Agency: Sandia National Laboratories
Agency Code: 3SNL00
Revenue Source Code: 800
Duration: 5/6/2005 to 9/30/2005
Award Amount: \$14,763.00
Type of Support: Contract for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. David R. Jackson, 50.00%
Cost Center: G082679 / 5013 / H0070 / B0001
Title: EM Effects of Radiofrequency Pulses on Electronic Circuits and Systems
Agency: University of Illinois at Chicago
Agency Code: 7ILL00
Revenue Source Code: 800
Duration: 6/15/2001 to 1/14/2006
Award Amount: \$55,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Ben H. Jansen, 100.00%
Cost Center: G091635 / 5015 / H0070 / B0001
Title: Magnetic Resonance of Spinal Cord Injury - Jaivijay Ramu
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 4/1/2005 to 3/31/2006
Award Amount: \$17,747.00
Type of Support: Grant for Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Valery Kalatsky, 80.00%
Cost Center: G091528 / 5021 / H0070 / B0001
Title: Sloan Research Fellowship for Dr. Valery Kalatsky
Agency: Alfred P. Sloan Foundation
Agency Code: 6SLO00
Revenue Source Code: 800
Duration: 9/1/2005 to 8/31/2007
Award Amount: \$36,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Shin Shem Pei, 10.00%
Cost Center: G085475 / 5013 / H0245 / B0001
Title: Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Code: NAS700
Revenue Source Code: 500
Duration: 10/15/2001 to 10/31/2005
Award Amount: \$75,100.00
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

Investigator: Dr. Donald R. Wilton, 50.00%
Cost Center: G091507 / 5013 / H0070 / B0001
Title: Studies in Modeling Finite and Infinite Periodic Structures
Agency: Sandia National Laboratories
Agency Code: 3SNL00
Revenue Source Code: 800
Duration: 5/6/2005 to 9/30/2005
Award Amount: \$14,763.00
Type of Support: Contract for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. Donald R. Wilton, 50.00%
Cost Center: G082679 / 5013 / H0070 / B0001
Title: EM Effects of Radiofrequency Pulses on Electronic Circuits and Systems
Agency: University of Illinois at Chicago
Agency Code: 7ILL00
Revenue Source Code: 800
Duration: 6/15/2001 to 1/14/2006
Award Amount: \$55,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. John C. Wolfe, 50.00%
Cost Center: G091303 / 5022 / H0070 / B0001
Title: Surface Wave Plasma Ashing Studies
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Revenue Source Code: 800
Duration: 3/31/2005 to 12/31/2005
Award Amount: \$65,338.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 50.00%
Cost Center: G091359 / 5022 / H0070 / B0001
Title: Surface Wave Plasma Damage Studies
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Revenue Source Code: 800
Duration: 9/1/2004 to 12/31/2004
Award Amount: \$2,500.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Jaroslaw Wosik, 20.00%
Cost Center: G091634 / 5015 / H0247 / B0001
Title: Magnetic Resonance of Spinal Cord Injury - Maged Kamel
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 4/1/2005 to 7/31/2005
Award Amount: \$1,612.40
Type of Support: Grant for Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research

Mechanical Engineering

Investigator: Dr. Yi-Chao Chen, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. Karolos M. Grigoriadis, 20.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$101,726.75
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Investigator: Dr. Fazle Hussain, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Investigator: Dr. Gangbing Song, 100.00%
Cost Center: G091354 / 5013 / H0073 / B0001
Title: Development of a Smart Vibration Platform Experiment - RUI Supplement
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 6/1/2005 to 12/31/2005
Award Amount: \$16,000.00
Type of Support: Grant for Research
CFDA: 47.074 - Biological Sciences
CB Designation: Restricted Research

Investigator: Dr. Lewis T. Wheeler, 10.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$50,863.38
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

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

Received During June, 2005

Investigator: Dr. David C. Zimmerman, 20.00%
Cost Center: G085927 / 5015 / H0073 / B0001
Title: Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles - MASTER ACCOUNT
Agency: Texas A&M Engineering Experiment Station
Agency Code: 1TAM10
Revenue Source Code: 600
Duration: 8/19/2002 to 8/18/2007
Award Amount: \$101,726.75
Type of Support: Co-Op Agreement for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Nanosystem Manufacturing Center

Investigator: Dr. John C. Wolfe, 50.00%
Cost Center: G091303 / 5022 / H0070 / B0001
Title: Surface Wave Plasma Ashing Studies
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Revenue Source Code: 800
Duration: 3/31/2005 to 12/31/2005
Award Amount: \$65,338.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 50.00%
Cost Center: G091359 / 5022 / H0070 / B0001
Title: Surface Wave Plasma Damage Studies
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Revenue Source Code: 800
Duration: 9/1/2004 to 12/31/2004
Award Amount: \$2,500.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

DIVISION OF RESEARCH

Center for Materials Chemistry

Investigator: Dr. Steve Baldelli, 40.00%
Cost Center: G091476 / 1098 / H0107 / B0020
Title: In Situ Surface Studies of Novel Corrosion Inhibitors on Iron and Steel-Supplemental Award for High School
Agency: Texas Higher Education Coordinating Board - ATP
Agency Code: 1COR01
Revenue Source Code: 600
Duration: 5/30/2005 to 7/1/2005
Award Amount: \$1,800.00
Type of Support: Grant for Research
CFDA:
CB Designation: Non Restricted Research

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

Received During June, 2005

Investigator: Dr. Eric R. Bittner, 40.00%
Cost Center: G091567 / 5021 / H0107 / B0001
Title: Quantum Dynamical Studies of Electronic Transport in Molecular Devices
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$20,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Scott S. Perry, 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
Revenue Source Code: 500
Duration: 6/1/2005 to 11/30/2005
Award Amount: \$30,173.60
Type of Support: Grant for Research
CFDA: 12.800 - Air Force Defense Research Sciences Program
CB Designation: Restricted Research

Environmental Institute of Houston

Investigator: Dr. Glenn D. Aumann, 15.00%
Cost Center: G089613 / 5015 / H0067 / B0001
Title: Development of an Integrated Particulate and Nox Trap System for Diesel Engines
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

Investigator: Dr. James T. Richardson, 15.00%
Cost Center: G089834 / 5015 / H0067 / B0001
Title: Improved Combustion Catalysts for Nox Emission Reduction
Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
Agency Code: 1LAM10
Revenue Source Code: 600
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 66.500 - Environmental Protection - Consolidated Research
CB Designation: Restricted Research

Space Vacuum Epitaxy Center

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

Received During June, 2005

Investigator: Dr. Alex Ignatiev, 40.00%
Cost Center: G085475 / 5013 / H0245 / B0001
Title: Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Code: NAS700
Revenue Source Code: 500
Duration: 10/15/2001 to 10/31/2005
Award Amount: \$300,400.00
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

Investigator: Dr. Shin Shem Pei, 40.00%
Cost Center: G085475 / 5013 / H0245 / B0001
Title: Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
Agency Code: NAS700
Revenue Source Code: 500
Duration: 10/15/2001 to 10/31/2005
Award Amount: \$300,400.00
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

TcSAM

Investigator: Dr. John H. Miller, 40.00%
Cost Center: G091559 / 5021 / H0112 / B0001
Title: Dielectric Spectroscopy of Chemical and Biological Systems
Agency: Robert A. Welch Foundation
Agency Code: 6WEL00
Revenue Source Code: 800
Duration: 6/1/2005 to 5/31/2006
Award Amount: \$22,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Jaroslaw Wosik, 80.00%
Cost Center: G091634 / 5015 / H0247 / B0001
Title: Magnetic Resonance of Spinal Cord Injury - Maged Kamel
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 4/1/2005 to 7/31/2005
Award Amount: \$6,449.60
Type of Support: Grant for Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research

Texas Learning/Computation Center

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

Received During June, 2005

Investigator: Dr. David J. Francis, 10.00%
Cost Center: G086443 / 5014 / H0288 / B0001
Title: Scaling up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 9/19/2002 to 9/18/2005
Award Amount: \$27,717.20
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

Investigator: Dr. Jaspal Subhlok, 50.00%
Cost Center: G089160 / 5013 / H0246 / B0001
Title: Automatic Construction of Performance Skeletons for Grid Resource Selection
Agency: National Science Foundation
Agency Code: NSF000
Revenue Source Code: 500
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$32,500.00
Type of Support: Grant for Research
CFDA: 47.041 - Engineering Grants
CB Designation: Restricted Research

TIMES

Investigator: Dr. Coleen Carlson, 100.00%
Cost Center: G090022 / 5013 / H0288 / A0001
Title: Bilingual Preschoolers-Precursors to Literacy
Agency: The Pennsylvania State University
Agency Code: 7PSU00
Revenue Source Code: 800
Duration: 5/23/2005 to 5/31/2005
Award Amount: \$6,047.00
Type of Support: Grant for Instruction
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Non Restricted Research

Investigator: Dr. David J. Francis, 70.00%
Cost Center: G086443 / 5014 / H0288 / B0001
Title: Scaling up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Revenue Source Code: 600
Duration: 9/19/2002 to 9/18/2005
Award Amount: \$194,020.40
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

GRADUATE SCHOOL OF SOCIAL WORK

Community Projects - Social Work

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

Received During June, 2005

Investigator: Dr. Cache Steinberg, 100.00%
Cost Center: G091201 / 5021 / H0130 / C0001
Title: Center for AIDS Community Impact Assessment
Agency: Center for AIDS
Agency Code: 4CTA00
Revenue Source Code: 800
Duration: 2/15/2005 to 6/15/2005
Award Amount: \$9,925.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

Office for Drug SPR

Investigator: Dr. Avelardo Valdez, 100.00%
Cost Center: G091493 / 5013 / H0446 / B0001
Title: National Hispanic Network on Drug Abuse
Agency: University of Miami
Agency Code: 7MIA00
Revenue Source Code: 800
Duration: 4/1/2005 to 3/31/2006
Award Amount: \$130,891.00
Type of Support: Contract for Research
CFDA: 93.279 - Drug Abuse Research Programs
CB Designation: Restricted Research

UH SYSTEM

KUHT-TV

Investigator: Dr. John Hesse, 100.00%
Cost Center: G090285 / 5022 / H0436 / C0001
Title: Digital Distribution Fund - Round 6 - Digital Master Control
Agency: Public Broadcasting Service
Agency Code: 4PBS00
Revenue Source Code: 800
Duration: 5/13/2005 to 12/1/2005
Award Amount: \$422,544.15
Type of Support: Grant for Public Service
CFDA:
CB Designation: Non Research

Total Federal	\$1,731,306.04
Total State	\$1,069,216.76
Total Local	\$51,039.50
Total Other	\$3,151,037.00
TOTAL THIS MONTH	\$6,002,599.30