

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

Received During April, 2006

COLLEGE OF EDUCATION

Health and Human Performance

Investigator: Dr. Dennis W. Smith, 100.00%
Cost Center: G091724 / 5016 / H0065 / B0001
Title: Tobacco Use Cessation Among Youth and Young Adults
Agency: Texas Department of State Health Services
Agency Code: 1TDH00
Agency Type: State
Duration: 9/1/2005 to 8/31/2006
Award Amount: \$25,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Center for Public Policy

Investigator: Dr. Gregory R. Weiher, 100.00%
Cost Center: G092484 / 5016 / H0128 / B0001
Title: Texans Getting Academically Prepared (TGAP)
Agency: Texas Education Agency
Agency Code: 1TEA00
Agency Type: State
Duration: 9/1/2005 to 12/31/2005
Award Amount: \$14,850.55
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Mexican-American Studies

Investigator: Dr. Tatcho Mindiola, 100.00%
Cost Center: G092685 / 5014 / H0095 / H0001
Title: Academic Achievers Program
Agency: Texas Higher Education Coordinating Board
Agency Code: 1COR00
Agency Type: State
Duration: 1/1/2006 to 6/30/2006
Award Amount: \$25,000.00
Type of Support: Grant for Scholarship/Fellowship
CFDA: 17.259 - WIA Youth Activities
CB Designation: Non Research

Psychology

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Received During April, 2006

Investigator: Dr. Jack M. Fletcher, 72.00%
Cost Center: G092944 / 5013 / H0125 / B0001
Title: Spina Bifida - Cognitive and Neurobiological Variability - MASTER ACCOUNT
Agency: National Institute of Child Health and Human Development
Agency Code: HEW407
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$1,048,471.20
Type of Support: Grant for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 20.00%
Cost Center: G089545 / 5013 / H0288 / B0001
Title: Language/Literacy Development in Urban Mexican Children
Agency: California State University Long Beach Foundation
Agency Code: 6CSU00
Agency Type: Foundation
Duration: 5/15/2005 to 4/30/2006
Award Amount: \$18,218.20
Type of Support: Contract for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 4.60%
Cost Center: G092944 / 5013 / H0125 / B0001
Title: Spina Bifida - Cognitive and Neurobiological Variability - MASTER ACCOUNT
Agency: National Institute of Child Health and Human Development
Agency Code: HEW407
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$66,985.66
Type of Support: Grant for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 20.00%
Cost Center: G091866 / 5013 / H0288 / B0001
Title: Center on Instruction
Agency: RMC Research Corporation
Agency Code: 3RMR00
Agency Type: Private Profit
Duration: 10/1/2005 to 6/30/2006
Award Amount: \$40,000.00
Type of Support: Contract for Instruction
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Non Research

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Received During April, 2006

Investigator: Dr. H. Julia Hannay, 5.00%
Cost Center: G092944 / 5013 / H0125 / B0001
Title: Spina Bifida - Cognitive and Neurobiological Variability - MASTER ACCOUNT
Agency: National Institute of Child Health and Human Development
Agency Code: HEW407
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$72,810.50
Type of Support: Grant for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

Theatre

Investigator: Dr. Sidney L. Berger, 100.00%
Cost Center: G089977 / 5021 / H0085 / C0001
Title: Houston Shakespeare Festival 2005
Agency: Miller Theatre Advisory Board, Inc
Agency Code: 4MTB00
Agency Type: Private Non-Profit
Duration: 1/1/2005 to 12/31/2005
Award Amount: \$37,598.81
Type of Support: Grant for Public Service
CFDA:
CB Designation: Non Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Dr. George E. Fox, 100.00%
Cost Center: G088521 / 5013 / H0104 / B0001
Title: Microorganisms in the Spacecraft Environment
Agency: National Aeronautics and Space Administration - Johnson Space Center
Agency Code: NAS300
Agency Type: Federal
Duration: 5/15/2004 to 6/1/2009
Award Amount: \$65,664.00
Type of Support: Grant for Research
CFDA: 43.000 - National Aeronautics and Space Administration
CB Designation: Restricted Research

Center for Applied Geoscience Excellence

University of Houston
Division of Research
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Received During April, 2006

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 9/30/2006
Award Amount: \$8,750.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Hua-Wei Zhou, 50.00%
Cost Center: G091646 / 5022 / H0451 / B0001
Title: Development of Expertise in Land and Marine Exploration Geophysics
Agency: Bureau of Geophysical Prospecting
Agency Code: 3BGP00
Agency Type: Private Profit
Duration: 10/1/2005 to 9/30/2006
Award Amount: \$30,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Hua-Wei Zhou, 50.00%
Cost Center: G092957 / 5022 / H0451 / B0001
Title: Research on Tomographic Velocity Model Building
Agency: Reliable GeoInfo, Inc.
Agency Code: 3REL00
Agency Type: Private Profit
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$14,898.00
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

Chemistry

Investigator: Dr. Eric R. Bittner, 60.00%
Cost Center: G088418 / 5013 / H0107 / B0001
Title: Quantum Dynamics and Electronic Processes in Condensed Phase Systems
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2007
Award Amount: \$66,000.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. Donald J. Kouri, 10.00%
Cost Center: G089192 / 5015 / H0246 / B0001
Title: Detection of Vulnerable Plaque in the Coronary Arteries
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/25/2004 to 9/14/2006
Award Amount: \$33,408.90
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Geosciences

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 12/31/2006
Award Amount: \$27,500.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G093001 / 5013 / H0429 / B0001
Title: Developing an Air Quality Prediction System for Studying Forest Fire Impact on Regional Air
Agency: U.S.D.A. Forest Service
Agency Code: AGR001
Agency Type: Federal
Duration: 10/1/2006 to 9/30/2007
Award Amount: \$35,000.00
Type of Support: Co-Op Agreement for Research
CFDA: 10.664 - Cooperative Forestry Assistance
CB Designation: Restricted Research

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G090800 / 5021 / H0429 / B0001
Title: H45-S Modeling Strategy in Support of TexAQS-II and 8-Hour Ozone Assessment
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 11/5/2004 to 7/31/2006
Award Amount: \$11,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. Barry Lefer, 25.00%
Cost Center: G093000 / 5021 / H0429 / B0001
Title: Support to the Baylor University Northeast Texas 2005 Aircraft Study for Northeast (NETAC)
Agency: Baylor University at Waco
Agency Code: 7BUW00
Agency Type: University
Duration: 8/15/2005 to 4/30/2006
Award Amount: \$3,250.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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 9/30/2006
Award Amount: \$8,750.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Bernhard Rappenglueck, 25.00%
Cost Center: G093000 / 5021 / H0429 / B0001
Title: Support to the Baylor University Northeast Texas 2005 Aircraft Study for Northeast (NETAC)
Agency: Baylor University at Waco
Agency Code: 7BUW00
Agency Type: University
Duration: 8/15/2005 to 4/30/2006
Award Amount: \$3,250.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Hua-Wei Zhou, 50.00%
Cost Center: G091646 / 5022 / H0451 / B0001
Title: Development of Expertise in Land and Marine Exploration Geophysics
Agency: Bureau of Geophysical Prospecting
Agency Code: 3BGP00
Agency Type: Private Profit
Duration: 10/1/2005 to 9/30/2006
Award Amount: \$30,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. Hua-Wei Zhou, 50.00%
Cost Center: G092957 / 5022 / H0451 / B0001
Title: Research on Tomographic Velocity Model Building
Agency: Reliable GeoInfo, Inc.
Agency Code: 3REL00
Agency Type: Private Profit
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$14,898.00
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

Institute for Multidimensional Air Quality Studies

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G093001 / 5013 / H0429 / B0001
Title: Developing an Air Quality Prediction System for Studying Forest Fire Impact on Regional Air
Agency: U.S.D.A. Forest Service
Agency Code: AGR001
Agency Type: Federal
Duration: 10/1/2006 to 9/30/2007
Award Amount: \$35,000.00
Type of Support: Co-Op Agreement for Research
CFDA: 10.664 - Cooperative Forestry Assistance
CB Designation: Restricted Research

Investigator: Dr. Daewon Byun, 50.00%
Cost Center: G090800 / 5021 / H0429 / B0001
Title: H45-S Modeling Strategy in Support of TexAQS-II and 8-Hour Ozone Assessment
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 11/5/2004 to 7/31/2006
Award Amount: \$11,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Barry Lefer, 25.00%
Cost Center: G093000 / 5021 / H0429 / B0001
Title: Support to the Baylor University Northeast Texas 2005 Aircraft Study for Northeast (NETAC)
Agency: Baylor University at Waco
Agency Code: 7BUW00
Agency Type: University
Duration: 8/15/2005 to 4/30/2006
Award Amount: \$3,250.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. Bernhard Rappenglueck, 25.00%
Cost Center: G093000 / 5021 / H0429 / B0001
Title: Support to the Baylor University Northeast Texas 2005 Aircraft Study for Northeast (NETAC)
Agency: Baylor University at Waco
Agency Code: 7BUW00
Agency Type: University
Duration: 8/15/2005 to 4/30/2006
Award Amount: \$3,250.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Mathematics

Investigator: Dr. Emmanouil Papadakis, 30.00%
Cost Center: G089192 / 5015 / H0246 / B0001
Title: Detection of Vulnerable Plaque in the Coronary Arteries
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/25/2004 to 9/14/2006
Award Amount: \$100,226.70
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Physics

Investigator: Dr. Wolfgang Donner, 10.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$6,588.60
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. Donald J. Kouri, 10.00%
Cost Center: G089192 / 5015 / H0246 / B0001
Title: Detection of Vulnerable Plaque in the Coronary Arteries
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/25/2004 to 9/14/2006
Award Amount: \$33,408.90
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. Simon C. Moss, 30.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$19,765.80
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. Donna Stokes, 100.00%
Cost Center: G086693 / 5013 / H0112 / B0001
Title: CAREER: Lateral Composition Modulation in InAs/GaSb Superlattices: Nanometer Sized Quantum Wires
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 6/1/2003 to 5/31/2007
Award Amount: \$80,705.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Restricted Research

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
Agency Type: Private Profit
Duration: 1/1/2002 to 12/31/2006
Award Amount: \$40,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF OPTOMETRY

Community Optometry

Investigator: Dr. Raymond Applegate, 100.00%
Cost Center: G093087 / 5014 / H0114 / B0100
Title: Houston Area Vision Training Center - Jason Marsack Fellowship
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 1/1/2006 to 12/31/2006
Award Amount: \$35,897.00
Type of Support: Contract for Research
CFDA: 93.867 - Vision Research
CB Designation: Non Restricted Research

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Received During April, 2006

Investigator: Dr. Laura J. Frishman, 100.00%
Cost Center: G091600 / 5013 / H0114 / A0001
Title: Short-term Training in Health Professional Schools
Agency: National Eye Institute
Agency Code: HEW402
Agency Type: Federal
Duration: 4/1/2006 to 3/31/2007
Award Amount: \$105,441.00
Type of Support: Grant for Instruction
CFDA: 93.867 - Vision Research
CB Designation: Non Research

Investigator: Dr. Adrian Glasser, 100.00%
Cost Center: G086496 / 5013 / H0114 / B0001
Title: Accommodative Changes in Aging Eyes
Agency: National Eye Institute
Agency Code: HEW402
Agency Type: Federal
Duration: 5/1/2003 to 4/30/2007
Award Amount: \$253,769.00
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

Investigator: Dr. Adrian Glasser, 100.00%
Cost Center: G089898 / 5022 / H0114 / B0001
Title: UHCO Accommodation and Presbyopia Research Center
Agency: Various Private Profit Agencies
Agency Code: 3VAR00
Agency Type: Private Profit
Duration: 5/1/2004 to 4/30/2007
Award Amount: \$5,500.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Ruth E. Manny, 100.00%
Cost Center: G093086 / 5014 / H0114 / B0100
Title: Houston Area Vision Training Center - Heather Johns Fellowship
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 1/1/2006 to 12/31/2006
Award Amount: \$35,897.00
Type of Support: Contract for Research
CFDA: 93.867 - Vision Research
CB Designation: Non Restricted Research

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Received During April, 2006

Investigator: Dr. Alison McDermott, 100.00%
Cost Center: G093100 / 5015 / H0114 / B0100
Title: Houston Area Vision Training Center-Rachel Rump Fellowship
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 1/1/2006 to 12/31/2006
Award Amount: \$45,194.00
Type of Support: Contract for Research
CFDA: 93.867 - Vision Research
CB Designation: Non 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
Agency Type: University
Duration: 6/1/2004 to 5/31/2010
Award Amount: \$136,746.25
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF PHARMACY

Pharmacological and Pharmaceutical Sciences

Investigator: Dr. Yuen-Sum Lau, 100.00%
Cost Center: G091546 / 5013 / H0117 / B0001
Title: Impact of Exercise on Parkinson's Disease Therapy
Agency: National Institute of Neurological Disorders and Stroke
Agency Code: HEW411
Agency Type: Federal
Duration: 7/1/2005 to 6/30/2006
Award Amount: \$166,264.62
Type of Support: Grant for Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research

Investigator: Dr. Kelly M. Standifer, 100.00%
Cost Center: G087598 / 5013 / H0117 / B0001
Title: Cellular Mechanisms of ORL1 Regulation and Cross Talk
Agency: National Institute on Drug Abuse
Agency Code: HEW802
Agency Type: Federal
Duration: 4/16/2004 to 3/31/2007
Award Amount: \$253,767.00
Type of Support: Grant for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

COLLEGE OF TECHNOLOGY

University of Houston
Division of Research
New Grants and Continuation Awards for Research,
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Received During April, 2006

Engineering Technology

Investigator: Dr. Driss Benhaddou, 50.00%
Cost Center: G091642 / 5013 / H0139 / B0001
Title: Collaborative Research: An Online Laboratory for Optical Circuits Courses
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$39,695.00
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

Investigator: Dr. Deniz Gurkan, 50.00%
Cost Center: G091642 / 5013 / H0139 / B0001
Title: Collaborative Research: An Online Laboratory for Optical Circuits Courses
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$39,695.00
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Dr. Vemuri Balakotaiah, 50.00%
Cost Center: G091373 / 5013 / H0067 / B0001
Title: Kinetic and Performance Studies of the Regeneration Phase of Model Pt/Ba/Rh Nox Traps for Design and Opt
Agency: U. S. Department of Energy - National Energy Technology Laboratory
Agency Code: DOE101
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2009
Award Amount: \$4,334.50
Type of Support: Co-Op Agreement for Research
CFDA: 81.117 - Energy Efficiency and Renewable Engery Information Disse
CB Designation: Restricted Research

Investigator: Dr. Vemuri Balakotaiah, 100.00%
Cost Center: G090155 / 5013 / H0067 / B0001
Title: Determination of Gravity Independence for Two-Phase Gas-Liquid Flows Through Conduits
Agency: National Aeronautics and Space Administration - Glenn Research Center
Agency Code: NAS101
Agency Type: Federal
Duration: 6/1/2005 to 9/30/2006
Award Amount: \$30,015.00
Type of Support: Grant for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

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Investigator: Dr. Michael Harold, 50.00%
Cost Center: G091373 / 5013 / H0067 / B0001
Title: Kinetic and Performance Studies of the Regeneration Phase of Model Pt/Ba/Rh Nox Traps for Design and Opt
Agency: U. S. Department of Energy - National Energy Technology Laboratory
Agency Code: DOE101
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2009
Award Amount: \$4,334.50
Type of Support: Co-Op Agreement for Research
CFDA: 81.117 - Energy Efficiency and Renewable Engery Information Disse
CB Designation: Restricted Research

Investigator: Dr. Peter Strasser, 100.00%
Cost Center: G091636 / 5021 / H0067 / B0001
Title: Synthesis and Kinetic In Situ Structural Investigation of Pt Alloy Nanoparticle Catalysts
Agency: Petroleum Research Fund
Agency Code: 4PRF00
Agency Type: Private Non-Profit
Duration: 9/1/2006 to 8/31/2008
Award Amount: \$20,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Peter Vekilov, 100.00%
Cost Center: G092730 / 5021 / H0067 / B0001
Title: Water and Molecular Recognition During Protein Assembly
Agency: The Welch Foundation
Agency Code: 6WEL00
Agency Type: Foundation
Duration: 6/1/2006 to 5/31/2009
Award Amount: \$50,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Civil Engineering

Investigator: Dr. Shankar Chellam, 100.00%
Cost Center: G091773 / 5016 / H0068 / B0001
Title: Investigation of the Role of Trace Metals in Sulfate Aerosol Formation
Agency: Lamar University/Texas Air Research Center
Agency Code: 1LAM30
Agency Type: State
Duration: 1/1/2006 to 12/31/2006
Award Amount: \$70,826.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During April, 2006

Investigator: Dr. William G. Rixey, 100.00%
Cost Center: G091653 / 5022 / H0068 / B0001
Title: The Impact of E95 and E10 on BTEX and Other Hydrocarbons in Ground Water: Quantifying Source Generat
Agency: American Petroleum Institute
Agency Code: 4API00
Agency Type: Private Non-Profit
Duration: 6/1/2005 to 6/30/2007
Award Amount: \$74,887.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Electrical Engineering

Investigator: Dr. Dmitri Litvinov, 25.00%
Cost Center: G092088 / 5013 / H0070 / B0001
Title: Design and Scalability Physics of Nanomagnetic Device Structures for Magnetolectronics, Magnetic Field Se
Agency: U.S. Navy Office of Naval Research
Agency Code: DOD301
Agency Type: Federal
Duration: 1/1/2006 to 12/31/2008
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 12.300 - Basic and Applied Scientific Research
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 25.00%
Cost Center: G092088 / 5013 / H0070 / B0001
Title: Design and Scalability Physics of Nanomagnetic Device Structures for Magnetolectronics, Magnetic Field Se
Agency: U.S. Navy Office of Naval Research
Agency Code: DOD301
Agency Type: Federal
Duration: 1/1/2006 to 12/31/2008
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 12.300 - Basic and Applied Scientific Research
CB Designation: Restricted Research

Nanosystem Manufacturing Center

Investigator: Dr. Dmitri Litvinov, 25.00%
Cost Center: G092088 / 5013 / H0070 / B0001
Title: Design and Scalability Physics of Nanomagnetic Device Structures for Magnetolectronics, Magnetic Field Se
Agency: U.S. Navy Office of Naval Research
Agency Code: DOD301
Agency Type: Federal
Duration: 1/1/2006 to 12/31/2008
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 12.300 - Basic and Applied Scientific 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 April, 2006

Investigator: Dr. John C. Wolfe, 25.00%
Cost Center: G092088 / 5013 / H0070 / B0001
Title: Design and Scalability Physics of Nanomagnetic Device Structures for Magnetoelectronics, Magnetic Field Se
Agency: U.S. Navy Office of Naval Research
Agency Code: DOD301
Agency Type: Federal
Duration: 1/1/2006 to 12/31/2008
Award Amount: \$7,500.00
Type of Support: Grant for Research
CFDA: 12.300 - Basic and Applied Scientific Research
CB Designation: Restricted Research

DIVISION OF RESEARCH

Center for Materials Chemistry

Investigator: Dr. Eric R. Bittner, 40.00%
Cost Center: G088418 / 5013 / H0107 / B0001
Title: Quantum Dynamics and Electronic Processes in Condensed Phase Systems
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2007
Award Amount: \$44,000.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Restricted Research

Investigator: Dr. Wolfgang Donner, 10.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$6,588.60
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. Simon C. Moss, 15.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$9,882.90
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

TcSUH

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

Received During April, 2006

Investigator: Dr. Wolfgang Donner, 30.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$19,765.80
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Investigator: Dr. Simon C. Moss, 5.00%
Cost Center: G088762 / 5013 / H0112 / B0001
Title: Diffraction Studies of Glasses, Liquids and Nanoclusters
Agency: U.S. Department of Energy
Agency Code: DOE000
Agency Type: Federal
Duration: 8/1/2004 to 7/31/2006
Award Amount: \$3,294.30
Type of Support: Grant for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

Texas Learning/Computation Center

Investigator: Dr. David J. Francis, 10.00%
Cost Center: G089545 / 5013 / H0288 / B0001
Title: Language/Literacy Development in Urban Mexican Children
Agency: California State University Long Beach Foundation
Agency Code: 6CSU00
Agency Type: Foundation
Duration: 5/15/2005 to 4/30/2006
Award Amount: \$9,109.10
Type of Support: Contract for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 2.30%
Cost Center: G092944 / 5013 / H0125 / B0001
Title: Spina Bifida - Cognitive and Neurobiological Variability - MASTER ACCOUNT
Agency: National Institute of Child Health and Human Development
Agency Code: HEW407
Agency Type: Federal
Duration: 2/1/2006 to 1/31/2007
Award Amount: \$33,492.83
Type of Support: Grant for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

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

Received During April, 2006

Investigator: Dr. David J. Francis, 10.00%
Cost Center: G091866 / 5013 / H0288 / B0001
Title: Center on Instruction
Agency: RMC Research Corporation
Agency Code: 3RMR00
Agency Type: Private Profit
Duration: 10/1/2005 to 6/30/2006
Award Amount: \$20,000.00
Type of Support: Contract for Instruction
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Non Research

Investigator: Dr. Donald J. Kouri, 30.00%
Cost Center: G089192 / 5015 / H0246 / B0001
Title: Detection of Vulnerable Plaque in the Coronary Arteries
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/25/2004 to 9/14/2006
Award Amount: \$100,226.70
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Investigator: Dr. Emmanouil Papadakis, 20.00%
Cost Center: G089192 / 5015 / H0246 / B0001
Title: Detection of Vulnerable Plaque in the Coronary Arteries
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/25/2004 to 9/14/2006
Award Amount: \$66,817.80
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

TIMES

Investigator: Dr. David J. Francis, 70.00%
Cost Center: G089545 / 5013 / H0288 / B0001
Title: Language/Literacy Development in Urban Mexican Children
Agency: California State University Long Beach Foundation
Agency Code: 6CSU00
Agency Type: Foundation
Duration: 5/15/2005 to 4/30/2006
Award Amount: \$63,763.70
Type of Support: Contract for Research
CFDA: 93.865 - Center for Research for Mothers and Children
CB Designation: Restricted Research

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

Received During April, 2006

Investigator: Dr. David J. Francis, 16.10%
 Cost Center: G092944 / 5013 / H0125 / B0001
 Title: Spina Bifida - Cognitive and Neurobiological Variability - MASTER ACCOUNT
 Agency: National Institute of Child Health and Human Development
 Agency Code: HEW407
 Agency Type: Federal
 Duration: 2/1/2006 to 1/31/2007
 Award Amount: \$234,449.81
 Type of Support: Grant for Research
 CFDA: 93.865 - Center for Research for Mothers and Children
 CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 70.00%
 Cost Center: G091866 / 5013 / H0288 / B0001
 Title: Center on Instruction
 Agency: RMC Research Corporation
 Agency Code: 3RMR00
 Agency Type: Private Profit
 Duration: 10/1/2005 to 6/30/2006
 Award Amount: \$140,000.00
 Type of Support: Contract for Instruction
 CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
 CB Designation: Non Research

GRADUATE COLLEGE OF SOCIAL WORK

Community Projects - Social Work

Investigator: Dr. Monit Cheung, 100.00%
 Cost Center: G091838 / 5017 / H0130 / C0001
 Title: Child Welfare Education Project - CWEP
 Agency: Texas Department of Family and Protective Services
 Agency Code: 1DHR10
 Agency Type: State
 Duration: 8/1/2005 to 7/31/2006
 Award Amount: \$30,350.00
 Type of Support: Contract for Public Service
 CFDA: 93.648 - Child Welfare Services Training Grants
 CB Designation: Non Research

Total Federal	\$2,775,780.62
Total State	\$617,103.55
Total Local	\$0.00
Total Other	\$825,619.06
TOTAL THIS MONTH	\$4,218,503.23