

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

C.T. BAUER COLLEGE OF BUSINESS

Small Business Development Center

Investigator: Mr. Frederick Young, 100.00%
Cost Center: G093302 / 5013 / H0053 / C0001
Title: DOD Procurement Technical Assistance Program
Agency: Defense Logistics Agency
Agency Code: DOD403
Agency Type: Federal
Duration: 10/1/2006 to 9/30/2007
Award Amount: \$221,250.00
Type of Support: Co-Op Agreement for Public Service
CFDA: 12.002 - Procurement Technical Assistance for Business Firms
CB Designation: Non Research

COLLEGE OF EDUCATION

Consistency Mgmt and Coop Disc

Investigator: Dr. H. Jerome Freiberg, 100.00%
Cost Center: G094872 / 5021 / H0063 / C0001
Title: Atlanta Public Schools on Behalf of Project GRAD Atlanta's Feeder Pattern SRT I Washington (Continuance)
Agency: Atlanta Public Schools
Agency Code: 4APX01
Agency Type: Private Non-Profit
Duration: 7/1/2006 to 6/30/2007
Award Amount: \$98,325.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

Investigator: Dr. H. Jerome Freiberg, 100.00%
Cost Center: G094481 / 5021 / H0063 / C0001
Title: Elliott Durham School-Nottingham (Year 2)
Agency: Elliot Durham School - Nottingham
Agency Code: 4PGX22
Agency Type: Private Non-Profit
Duration: 6/15/2006 to 5/31/2007
Award Amount: \$63,382.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

Dean, Education

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Investigator: Dr. Robert Wimpelberg, 50.00%
Cost Center: G093554 / 5018 / H0110 / A0001
Title: Houston-Teach; Replicating the UTeach Project at the University of Houston
Agency: University of Texas at Austin
Agency Code: 1UTX00
Agency Type: State
Duration: 9/1/2006 to 12/31/2007
Award Amount: \$124,807.50
Type of Support: Contract for Research
CFDA:
CB Designation: Non Restricted Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Blaffer Gallery

Investigator: Ms. Terrie Sultan, 100.00%
Cost Center: G092465 / 5013 / H0097 / D0001
Title: ART FOCUS
Agency: Institute for Museum and Library Services
Agency Code: IMS000
Agency Type: Federal
Duration: 9/1/2006 to 8/31/2009
Award Amount: \$147,234.00
Type of Support: Grant for Academic Support
CFDA: 45.301 - Institute of Museum and Library Services - General Operatin
CB Designation: Non Research

Communication Disorders

Investigator: Dr. Lynn S. Bliss, 100.00%
Cost Center: G094632 / 5021 / H0087 / C0001
Title: United Way Support for Services - 2007
Agency: United Way of the Texas Gulf Coast
Agency Code: 4UWAY2
Agency Type: Private Non-Profit
Duration: 1/1/2007 to 12/31/2007
Award Amount: \$59,454.00
Type of Support: Grant for Public Service
CFDA:
CB Designation: Non Research

Psychology

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Received During March, 2007

Investigator: Dr. Jack M. Fletcher, 100.00%
Cost Center: G092759 / 5013 / H0125 / B0001
Title: The MRI Study of Normal Brain Development in Children: Quality Control
Agency: Washington University
Agency Code: 7WTU00
Agency Type: University
Duration: 2/1/2006 to 7/31/2007
Award Amount: \$34,593.00
Type of Support: Contract for Research
CFDA: 93.242 - Mental Health Research Grants
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 20.00%
Cost Center: G094367 / 5013 / H0288 / B0001
Title: Scaling Up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: Florida State University
Agency Code: 7FSU00
Agency Type: University
Duration: 8/1/2006 to 9/18/2007
Award Amount: \$104,219.80
Type of Support: Contract for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

Investigator: Dr. John P. Vincent, 100.00%
Cost Center: G094403 / 5013 / H0125 / B0001
Title: Treatment of Veterans with Chronic Low Back Pain - Jaclyn Peters Student Placement
Agency: Veterans Affairs Medical Center
Agency Code: VAMCO
Agency Type: Federal
Duration: 10/1/2006 to 9/30/2007
Award Amount: \$17,314.08
Type of Support: Contract for Research
CFDA: 64.011 - Veterans Outpatient Care
CB Designation: Restricted Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

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: \$49,027.60
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. Xiaolian Gao, 85.00%
Cost Center: G091413 / 5013 / H0104 / B0001
Title: Microchips of Protein Kinase Substrates (Phase I)
Agency: Atactic Technologies, Inc.
Agency Code: 3ATI01
Agency Type: Private Profit
Duration: 3/15/2007 to 3/14/2008
Award Amount: \$112,863.00
Type of Support: Contract for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

Chemistry

Investigator: Dr. Rigoberto Advincula, 100.00%
Cost Center: G092264 / 5013 / H0107 / B0001
Title: Materials World Network: Multifunctional Nanostructured Nanoparticle-Conjugated Polymer Assemblies Pr
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 6/15/2006 to 5/31/2008
Award Amount: \$72,000.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Restricted Research

Investigator: Dr. John L. Bear, 100.00%
Cost Center: G088832 / 5013 / H0107 / E0001
Title: Houston Alliance for Minority Participation Project
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 11/1/2004 to 10/31/2009
Award Amount: \$1,000,000.00
Type of Support: Co-Op Agreement for Student Service
CFDA: 47.076 - Education and Human Resources
CB Designation: Non Research

Investigator: Dr. Chengzhi Cai, 60.00%
Cost Center: G093931 / 5022 / H0114 / B0001
Title: Antimicrobial Contact Lenses
Agency: American Optometric Foundation
Agency Code: 6AOF00
Agency Type: Foundation
Duration: 1/1/2007 to 12/31/2007
Award Amount: \$15,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Computer Science

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Received During March, 2007

Investigator: Dr. Ioannis Pavlidis, 50.00%
Cost Center: G094158 / 5013 / H0246 / B0001
Title: Experimental Thermal Imaging System
Agency: Battelle Memorial Institute
Agency Code: 4BAT00
Agency Type: Private Non-Profit
Duration: 11/20/2006 to 9/7/2007
Award Amount: \$175,000.00
Type of Support: Contract for Research
CFDA: 12.300 - Basic and Applied Scientific Research
CB Designation: Restricted Research

Geosciences

Investigator: Dr. Janok Bhattacharya, 100.00%
Cost Center: G094776 / 5022 / H0109 / B0001
Title: Quantitative Sedimentology Research Consortium
Agency: Various Private Profit Agencies
Agency Code: 3VAR00
Agency Type: Private Profit
Duration: 1/1/2007 to 12/31/2007
Award Amount: \$35,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Michael Murphy, 100.00%
Cost Center: G089867 / 5013 / H0109 / B0001
Title: Collaborative Research: Investigation of Syncollisional Extension and Basin Development in the High Himalay
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 2/1/2005 to 1/31/2008
Award Amount: \$20,043.00
Type of Support: Grant for Research
CFDA: 47.050 - Geosciences
CB Designation: Restricted Research

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: \$2,580.40
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. Xiaolian Gao, 5.00%
Cost Center: G091413 / 5013 / H0104 / B0001
Title: Microchips of Protein Kinase Substrates (Phase I)
Agency: Atactic Technologies, Inc.
Agency Code: 3ATI01
Agency Type: Private Profit
Duration: 3/15/2007 to 3/14/2008
Award Amount: \$6,639.00
Type of Support: Contract for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

Institute for Multidimensional Air Quality Studies

Mathematics

Investigator: Dr. Jeffrey Morgan, 50.00%
Cost Center: G093554 / 5018 / H0110 / A0001
Title: Houston-Teach; Replicating the UTeach Project at the University of Houston
Agency: University of Texas at Austin
Agency Code: 1UTX00
Agency Type: State
Duration: 9/1/2006 to 12/31/2007
Award Amount: \$124,807.50
Type of Support: Contract for Research
CFDA:
CB Designation: Non Restricted Research

Physics

Investigator: Dr. Wolfgang Donner, 25.00%
Cost Center: G094186 / 5022 / H0070 / B0001
Title: GOALI: Photoresist Ashing Process Studies for Next-Generation Integrated Circuit Manufacturing
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Agency Type: Private Profit
Duration: 10/1/2006 to 8/31/2007
Award Amount: \$5,792.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. William Foster, 30.00%
Cost Center: G091126 / 5013 / H0112 / B0001
Title: The Application of Nanotechnology to the Retina
Agency: National Eye Institute
Agency Code: HEW402
Agency Type: Federal
Duration: 3/1/2006 to 2/29/2008
Award Amount: \$55,554.90
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

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Investigator: Dr. Kris Innanen, 51.00%
Cost Center: G093533 / 5021 / H0112 / B0001
Title: Roadmap: Technical Challenges of and Strategies for Ultra-Deep Water Exploration
Agency: Research Partnership to Secure Energy for America
Agency Code: 4RPS00
Agency Type: Private Non-Profit
Duration: 6/1/2006 to 1/31/2007
Award Amount: \$33,179.07
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Carlos Ordonez, 100.00%
Cost Center: G092238 / 5013 / H0112 / B0001
Title: Collaborative Research: Conformal Quantum Mechanisms-From the Near-Horizon Characterization of Black
Agency: National Science Foundation
Agency Code: NSF000
Agency Type: Federal
Duration: 6/1/2006 to 5/31/2008
Award Amount: \$16,665.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
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 5/31/2008
Award Amount: \$82,593.00
Type of Support: Grant for Research
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Restricted Research

Investigator: Dr. Arthur Weglein, 49.00%
Cost Center: G093533 / 5021 / H0112 / B0001
Title: Roadmap: Technical Challenges of and Strategies for Ultra-Deep Water Exploration
Agency: Research Partnership to Secure Energy for America
Agency Code: 4RPS00
Agency Type: Private Non-Profit
Duration: 6/1/2006 to 1/31/2007
Award Amount: \$31,877.93
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During March, 2007

Investigator: Dr. John W. Wilson, 100.00%
Cost Center: G091666 / 5013 / H0112 / A0001
Title: Interactions in Understanding the Universe (I2U2)
Agency: Fermi National Accelerator Laboratory
Agency Code: 4FAL00
Agency Type: Private Non-Profit
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$40,000.00
Type of Support: Contract for Instruction
CFDA: 47.049 - Mathematical and Physical Sciences
CB Designation: Non Restricted Research

Investigator: Dr. Nai-Juan Wu, 20.00%
Cost Center: G094093 / 5022 / H0453 / B0001
Title: Thin Film Solid Oxide Fuel Cell Developmet Under the Quarius Membership Agreement
Agency: Quarius Technologies, Inc.
Agency Code: 3QTI00
Agency Type: Private Profit
Duration: 9/4/2006 to 9/3/2007
Award Amount: \$100,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF OPTOMETRY

Community Optometry

Investigator: Dr. Laura J. Frishman, 100.00%
Cost Center: G086829 / 5013 / H0114 / B0001
Title: CORE-Vision Research
Agency: National Eye Institute
Agency Code: HEW402
Agency Type: Federal
Duration: 3/1/2003 to 2/28/2008
Award Amount: \$526,680.00
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

Investigator: Dr. Alison McDermott, 40.00%
Cost Center: G093931 / 5022 / H0114 / B0001
Title: Antimicrobial Contact Lenses
Agency: American Optometric Foundation
Agency Code: 6AOF00
Agency Type: Foundation
Duration: 1/1/2007 to 12/31/2007
Award Amount: \$10,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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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: \$55,336.88
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF PHARMACY

Clinical Sciences and Administration

Investigator: Dr. Ekere Essien, 100.00%
Cost Center: G090248 / 5013 / H0118 / B0001
Title: The Nigerian Uniformed Services AIDS Project
Agency: National Institute of Mental Health
Agency Code: HEW803
Agency Type: Federal
Duration: 3/24/2005 to 2/28/2008
Award Amount: \$233,224.00
Type of Support: Grant for Research
CFDA: 93.242 - Mental Health Research Grants
CB Designation: Restricted Research

Investigator: Dr. Vincent Tam, 100.00%
Cost Center: G092523 / 5022 / H0118 / B0001
Title: Susceptibility of Moxifloxacin to the Inoculum Effect
Agency: Schering-Plough Corporation
Agency Code: 3SPF01
Agency Type: Private Profit
Duration: 11/13/2006 to 11/12/2007
Award Amount: \$79,494.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Heart and Kidney Institute

Investigator: Dr. Tahir Hussain, 50.00%
Cost Center: G086215 / 5013 / H0117 / B0001
Title: Renal Angiotensin II Receptor Function in Obesity
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 3/15/2003 to 1/31/2008
Award Amount: \$15,250.00
Type of Support: Grant for Research
CFDA: 93.849 - Kidney Diseases, Urology, and Hematology Research
CB Designation: Restricted Research

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Pharmacological and Pharmaceutical Sciences

Investigator: Dr. Richard A. Bond, 100.00%
Cost Center: G093846 / 5021 / H0117 / B0001
Title: Study to Evaluate the Safety, Efficacy and Tolerability of Oral Nadolol in the Treatment of Mild Asthma
Agency: Sandler Program for Asthma Research
Agency Code: 4SPA00
Agency Type: Private Non-Profit
Duration: 11/1/2006 to 10/31/2007
Award Amount: \$250,000.00
Type of Support: Grant for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Romi Ghose, 100.00%
Cost Center: G094356 / 5013 / H0117 / B0001
Title: Hepatic Drug Metabolism in Inflammation
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 11/1/2006 to 7/31/2007
Award Amount: \$107,828.00
Type of Support: Grant for Research
CFDA: 93.848 - Digestive Diseases and Nutrition Research
CB Designation: Restricted Research

Investigator: Dr. Tahir Hussain, 50.00%
Cost Center: G086215 / 5013 / H0117 / B0001
Title: Renal Angiotensin II Receptor Function in Obesity
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 3/15/2003 to 1/31/2008
Award Amount: \$15,250.00
Type of Support: Grant for Research
CFDA: 93.849 - Kidney Diseases, Urology, and Hematology Research
CB Designation: Restricted Research

COLLEGE OF TECHNOLOGY

Engineering Technology

Investigator: Dr. Driss Benhaddou, 33.00%
Cost Center: G093492 / 5013 / H0139 / B0001
Title: Intelligent Sensor Network Testbed for Integrated System Health Management (ISHM)
Agency: National Aeronautics and Space Administration - Stennis Space Center
Agency Code: NAS102
Agency Type: Federal
Duration: 10/6/2006 to 10/5/2007
Award Amount: \$53,301.93
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

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Investigator: Dr. Deniz Gurkan, 34.00%
Cost Center: G093492 / 5013 / H0139 / B0001
Title: Intelligent Sensor Network Testbed for Integrated System Health Management (ISHM)
Agency: National Aeronautics and Space Administration - Stennis Space Center
Agency Code: NAS102
Agency Type: Federal
Duration: 10/6/2006 to 10/5/2007
Award Amount: \$54,917.14
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

Investigator: Dr. Linguang Song, 100.00%
Cost Center: G093369 / 5022 / H0139 / B0001
Title: Implementing and Measuring Lean Applications in Concrete Constructions
Agency: Baker Concrete, Inc.
Agency Code: 3BCN00
Agency Type: Private Profit
Duration: 6/12/2006 to 8/18/2006
Award Amount: \$12,611.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Xiaojing Yuan, 33.00%
Cost Center: G093492 / 5013 / H0139 / B0001
Title: Intelligent Sensor Network Testbed for Integrated System Health Management (ISHM)
Agency: National Aeronautics and Space Administration - Stennis Space Center
Agency Code: NAS102
Agency Type: Federal
Duration: 10/6/2006 to 10/5/2007
Award Amount: \$53,301.93
Type of Support: Co-Op Agreement for Research
CFDA: 43.002 - Technology Transfer
CB Designation: Restricted Research

Human Development and Consumer Science
Information and Logistics Technology

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

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Received During March, 2007

Investigator: Dr. Demetre J. Economou, 100.00%
Cost Center: G093188 / 5013 / H0067 / B0001
Title: Application of Non-Local Effects to Plasma Chemistry and Lasers in Pulsed and Flowing-Gas Electric
Agency: Innovative Scientific Solutions, Inc.
Agency Code: 3ISC00
Agency Type: Private Profit
Duration: 9/19/2006 to 6/1/2007
Award Amount: \$60,000.00
Type of Support: Contract for Research
CFDA: 12.630 - Basic, Applied, and Advanced Research in Science and Engi
CB Designation: Restricted Research

Investigator: Dr. Dan Luss, 50.00%
Cost Center: G094076 / 5018 / H0067 / B0001
Title: High Efficient Catalytic Combustion of Particulate Matter in Diesel Particulate Filters
Agency: Lamar University/Texas Air Research Center
Agency Code: 1LAM30
Agency Type: State
Duration: 9/1/2006 to 8/31/2007
Award Amount: \$8,608.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Karen Martirosyan, 50.00%
Cost Center: G094076 / 5018 / H0067 / B0001
Title: High Efficient Catalytic Combustion of Particulate Matter in Diesel Particulate Filters
Agency: Lamar University/Texas Air Research Center
Agency Code: 1LAM30
Agency Type: State
Duration: 9/1/2006 to 8/31/2007
Award Amount: \$8,608.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Kishore K. Mohanty, 62.00%
Cost Center: G092169 / 5015 / H0067 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Development of Asymmetric Liposomes for
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$46,035.00
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

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Investigator: Dr. Richard C. Willson, 33.00%
Cost Center: G092240 / 5015 / H0070 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Nanomagnetic Biosensor Array for Few-Cell
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$39,191.79
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Civil Engineering

Investigator: Dr. Shankar Chellam, 100.00%
Cost Center: G093353 / 5018 / 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: 9/1/2006 to 8/31/2007
Award Amount: \$60,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Kumaraswamy Vipulanandan, 38.00%
Cost Center: G092169 / 5015 / H0067 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Development of Asymmetric Liposomes for
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$28,215.00
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Electrical Engineering

Investigator: Dr. Ji Chen, 70.00%
Cost Center: G094296 / 5021 / H0070 / B0001
Title: Modeling of SAR and Radiation Efficiency for Wireless Antenna
Agency: University of Missouri - Rolla
Agency Code: 7UOM20
Agency Type: University
Duration: 11/1/2006 to 6/14/2007
Award Amount: \$28,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Investigator: Dr. Ben H. Jansen, 100.00%
Cost Center: G094324 / 5015 / H0070 / B0001
Title: Elasticity Imaging
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 1/15/2007 to 5/31/2007
Award Amount: \$8,310.00
Type of Support: Grant for Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
CB Designation: Restricted Research

Investigator: Dr. Dmitri Litvinov, 17.00%
Cost Center: G092240 / 5015 / H0070 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Nanomagnetic Biosensor Array for Few-Cell
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$20,189.71
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 17.00%
Cost Center: G092240 / 5015 / H0070 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Nanomagnetic Biosensor Array for Few-Cell
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$20,189.71
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 25.00%
Cost Center: G094186 / 5022 / H0070 / B0001
Title: GOALI: Photoresist Ashing Process Studies for Next-Generation Integrated Circuit Manufacturing
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Agency Type: Private Profit
Duration: 10/1/2006 to 8/31/2007
Award Amount: \$5,792.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

University of Houston
Division of Research
New Grants and Continuation Awards for Research,
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Received During March, 2007

Investigator: Dr. George Zouridakis, 30.00%
Cost Center: G094296 / 5021 / H0070 / B0001
Title: Modeling of SAR and Radiation Efficiency for Wireless Antenna
Agency: University of Missouri - Rolla
Agency Code: 7UOM20
Agency Type: University
Duration: 11/1/2006 to 6/14/2007
Award Amount: \$12,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Industrial Engineering

Investigator: Dr. Lawrence J. H. Schulze, 100.00%
Cost Center: G094461 / 5015 / H0072 / B0001
Title: Southwest Center for Occupational and Environmental Health
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 7/1/2006 to 6/30/2007
Award Amount: \$10,129.00
Type of Support: Grant for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

Mechanical Engineering

Nanosystem Manufacturing Center

Investigator: Dr. Dmitri Litvinov, 17.00%
Cost Center: G092240 / 5015 / H0070 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Nanomagnetic Biosensor Array for Few-Cell
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$20,189.71
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

Investigator: Dr. John C. Wolfe, 16.00%
Cost Center: G092240 / 5015 / H0070 / B0001
Title: Alliance for Nanohealth Competitive Research Program: Nanomagnetic Biosensor Array for Few-Cell
Agency: University of Texas Health Science Center at Houston
Agency Code: 1UTX11
Agency Type: State
Duration: 9/29/2006 to 9/28/2007
Award Amount: \$19,002.08
Type of Support: Contract for Research
CFDA: 12.420 - Military Medical Research and Development
CB Designation: Restricted Research

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Received During March, 2007

DIVISION OF RESEARCH

Center for Advanced Materials

Investigator: Dr. William Foster, 70.00%
Cost Center: G091126 / 5013 / H0112 / B0001
Title: The Application of Nanotechnology to the Retina
Agency: National Eye Institute
Agency Code: HEW402
Agency Type: Federal
Duration: 3/1/2006 to 2/29/2008
Award Amount: \$129,628.10
Type of Support: Grant for Research
CFDA: 93.867 - Vision Research
CB Designation: Restricted Research

Investigator: Dr. Nai-Juan Wu, 80.00%
Cost Center: G094093 / 5022 / H0453 / B0001
Title: Thin Film Solid Oxide Fuel Cell Developmet Under the Quarius Membership Agreement
Agency: Quarius Technologies, Inc.
Agency Code: 3QTI00
Agency Type: Private Profit
Duration: 9/4/2006 to 9/3/2007
Award Amount: \$400,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Institute for Molecular Design

Investigator: Dr. Xiaolian Gao, 10.00%
Cost Center: G091413 / 5013 / H0104 / B0001
Title: Microchips of Protein Kinase Substrates (Phase I)
Agency: Atactic Technologies, Inc.
Agency Code: 3ATI01
Agency Type: Private Profit
Duration: 3/15/2007 to 3/14/2008
Award Amount: \$13,278.00
Type of Support: Contract for Research
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry
CB Designation: Restricted Research

TcSUH

Investigator: Dr. Wolfgang Donner, 25.00%
Cost Center: G094186 / 5022 / H0070 / B0001
Title: GOALI: Photoresist Ashing Process Studies for Next-Generation Integrated Circuit Manufacturing
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Agency Type: Private Profit
Duration: 10/1/2006 to 8/31/2007
Award Amount: \$5,792.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Division of Research
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Investigator: Dr. John C. Wolfe, 25.00%
Cost Center: G094186 / 5022 / H0070 / B0001
Title: GOALI: Photoresist Ashing Process Studies for Next-Generation Integrated Circuit Manufacturing
Agency: Axcelis Technologies, Inc.
Agency Code: 3AXT01
Agency Type: Private Profit
Duration: 10/1/2006 to 8/31/2007
Award Amount: \$5,792.50
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Texas Learning/Computation Center

Investigator: Dr. David J. Francis, 10.00%
Cost Center: G094367 / 5013 / H0288 / B0001
Title: Scaling Up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: Florida State University
Agency Code: 7FSU00
Agency Type: University
Duration: 8/1/2006 to 9/18/2007
Award Amount: \$52,109.90
Type of Support: Contract for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

Investigator: Dr. Ioannis Pavlidis, 50.00%
Cost Center: G094158 / 5013 / H0246 / B0001
Title: Experimental Thermal Imaging System
Agency: Battelle Memorial Institute
Agency Code: 4BAT00
Agency Type: Private Non-Profit
Duration: 11/20/2006 to 9/7/2007
Award Amount: \$175,000.00
Type of Support: Contract for Research
CFDA: 12.300 - Basic and Applied Scientific Research
CB Designation: Restricted Research

TIMES

Investigator: Dr. David J. Francis, 70.00%
Cost Center: G094367 / 5013 / H0288 / B0001
Title: Scaling Up Assessment Driven Intervention Using the Internet and Handheld Computer
Agency: Florida State University
Agency Code: 7FSU00
Agency Type: University
Duration: 8/1/2006 to 9/18/2007
Award Amount: \$364,769.30
Type of Support: Contract for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

GRADUATE COLLEGE OF SOCIAL WORK

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

Received During March, 2007

Community Projects - Social Work

Investigator: Dr. Catherine Steinberg, 100.00%
Cost Center: G094078 / 5013 / H0130 / B0001
Title: Program Evaluation: Project Corazon de la Familia
Agency: Spaulding for Children
Agency Code: 4SOC00
Agency Type: Private Non-Profit
Duration: 10/1/2006 to 9/29/2007
Award Amount: \$25,000.00
Type of Support: Grant for Research
CFDA: 93.556 - Family Preservation and Support Services
CB Designation: Restricted Research

SENIOR V.P. FOR ACADEMIC AFFAIRS AND PROVOST

Senior V.P. for Academic Affairs and Provost

UH SYSTEM

KUHT-TV

Investigator: Mr. John Hesse, 100.00%
Cost Center: G092878 / 5013 / H0436 / C0001
Title: Public Telecommunications Facilities Program
Agency: U.S. Department of Commerce
Agency Code: COM000
Agency Type: Federal
Duration: 10/1/2006 to 9/30/2007
Award Amount: \$311,978.00
Type of Support: Grant for Research
CFDA: 11.550 - Public Telecommunications Facilities - Planning and
CB Designation: Non Research

Total Federal	\$3,185,621.08
Total State	\$538,284.00
Total Local	\$0.00
Total Other	\$2,470,302.38
TOTAL THIS MONTH	\$6,194,207.46