

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

Received During October, 2006

COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Dr. Michael Connell, 17.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$108,160.12
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

Investigator: Dr. Laveria F. Hutchison, 17.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$108,160.12
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

Investigator: Dr. John M. Ramsey, 100.00%
Cost Center: G094119 / 5013 / H0062 / B0001
Title: Mentoring and Induction Support for Urban Secondary Science and Mathematics Teachers
Agency: University of Alabama at Birmingham
Agency Code: 7UAB00
Agency Type: University
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$272,393.00
Type of Support: Grant for Research
CFDA: 47.076 - Education and Human Resources
CB Designation: Restricted Research

Investigator: Dr. Allen R. Warner, 17.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$108,160.12
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

Educational Leadership & Cultural Studies

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Received During October, 2006

Investigator: Dr. Patricia E. Holland, 10.00%
Cost Center: G088577 / 5016 / H0061 / B0001
Title: Houston Schools for a New Society Evaluation Project
Agency: University of Texas at Austin
Agency Code: 1UTX00
Agency Type: State
Duration: 8/30/2003 to 8/31/2007
Award Amount: \$13,120.60
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Joy Phillips, 80.00%
Cost Center: G088577 / 5016 / H0061 / B0001
Title: Houston Schools for a New Society Evaluation Project
Agency: University of Texas at Austin
Agency Code: 1UTX00
Agency Type: State
Duration: 8/30/2003 to 8/31/2007
Award Amount: \$104,964.80
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Health and Human Performance

Investigator: Dr. Charles S. Layne, 100.00%
Cost Center: G089572 / 5013 / H0065 / B0001
Title: Development of the Office of Scientific Data Review and Dissemination - Task 1
Agency: WYLE Laboratories
Agency Code: 3WYL00
Agency Type: Private Profit
Duration: 4/27/2004 to 9/30/2007
Award Amount: \$95,575.82
Type of Support: Contract for Research
CFDA: 43.001 - Aerospace Education Services Program
CB Designation: Restricted Research

Institute for Urban Education

Investigator: Dr. Michael Connell, 16.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$101,797.76
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

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Investigator: Dr. Laveria F. Hutchison, 16.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$101,797.76
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

Investigator: Dr. Allen R. Warner, 17.00%
Cost Center: G091547 / 5013 / H0062 / C0001
Title: Quality Teacher Recruitment and Assistance Consortium
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2005 to 9/30/2007
Award Amount: \$108,160.12
Type of Support: Grant for Research
CFDA: 84.336 - A Guide for the Preparation of Partnership Grant
CB Designation: Non Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Dean, Liberal Arts and Social Sciences

Investigator: Dr. Roldofo J. Cortina, 0.00%
Cost Center: G003544 / 5022 / H0082 / H0001
Title: World Laboratory Center for Pan-American Collaboration in Science & Technology
Agency: International Center for Scientific Culture World Laboratory
Agency Code: 4ICS00
Agency Type: Private Non-Profit
Duration: 4/3/1998 to 6/30/2001
Award Amount: \$0.00
Type of Support: Contract for Scholarship/Fellowship
CFDA: DELETE - Non-Federal activity
CB Designation: Restricted Research

Investigator: Dr. Carlos Ordonez, 100.00%
Cost Center: G003544 / 5022 / H0082 / H0001
Title: World Laboratory Center for Pan-American Collaboration in Science & Technology
Agency: International Center for Scientific Culture World Laboratory
Agency Code: 4ICS00
Agency Type: Private Non-Profit
Duration: 4/3/1998 to 6/30/2001
Award Amount: \$23,900.00
Type of Support: Contract for Scholarship/Fellowship
CFDA: DELETE - Non-Federal activity
CB Designation: Restricted Research

Psychology

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Received During October, 2006

Investigator: Dr. David J. Francis, 20.00%
Cost Center: G087878 / 5013 / H0288 / B0001
Title: NCEE-English Language Acquisition Evaluation Research Program
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2003 to 9/30/2007
Award Amount: \$315,904.20
Type of Support: Co-Op Agreement for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

Sociology

Investigator: Dr. Joseph A. Kotarba, 10.00%
Cost Center: G088577 / 5016 / H0061 / B0001
Title: Houston Schools for a New Society Evaluation Project
Agency: University of Texas at Austin
Agency Code: 1UTX00
Agency Type: State
Duration: 8/30/2003 to 8/31/2007
Award Amount: \$13,120.60
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Dr. George E. Fox, 100.00%
Cost Center: G089025 / 5013 / H0104 / B0001
Title: Chiral-Selective Planetary Chemistries as a Marker for Life
Agency: National Aeronautics and Space Administration - Goddard Space Flight Center
Agency Code: NAS600
Agency Type: Federal
Duration: 8/1/2005 to 7/31/2007
Award Amount: \$183,210.00
Type of Support: Grant for Research
CFDA: 43.000 - National Aeronautics and Space Administration
CB Designation: Restricted Research

Investigator: Dr. William R. Widger, 100.00%
Cost Center: G093930 / 5015 / H0104 / B0001
Title: Effects of Aging on P38 Signaling Pathway in Mouse Liver
Agency: University of Texas Medical Branch at Galveston
Agency Code: 1UTX50
Agency Type: State
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$85,980.00
Type of Support: Contract for Research
CFDA: 93.866 - Aging Research
CB Designation: Restricted Research

Center for Applied Geoscience Excellence

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Received During October, 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 9/30/2007
Award Amount: \$25,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Chemistry

Investigator: Dr. B. Montgomery Pettitt, 50.00%
Cost Center: G093825 / 5013 / H0103 / B0100
Title: Nanobiology Training Grant
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$22,678.00
Type of Support: Grant for Research
CFDA: 93.847 - Diabetes, Endocrinology and Metabolism Research
CB Designation: Non Restricted Research

Geosciences

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
Agency Type: Private Profit
Duration: 1/15/2003 to 12/31/2007
Award Amount: \$40,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Barry Lefer, 25.00%
Cost Center: G093155 / 5021 / H0429 / B0001
Title: TexAQS II Radical Measurement Project (TRAMP)
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 4/12/2006 to 5/31/2007
Award Amount: \$74,975.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

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Received During October, 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 9/30/2007
Award Amount: \$25,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Bernhard Rappenglueck, 25.00%
Cost Center: G093155 / 5021 / H0429 / B0001
Title: TexAQS II Radical Measurement Project (TRAMP)
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 4/12/2006 to 5/31/2007
Award Amount: \$74,975.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Institute for Multidimensional Air Quality Studies

Investigator: Dr. Barry Lefer, 25.00%
Cost Center: G093155 / 5021 / H0429 / B0001
Title: TexAQS II Radical Measurement Project (TRAMP)
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 4/12/2006 to 5/31/2007
Award Amount: \$74,975.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Investigator: Dr. Bernhard Rappenglueck, 25.00%
Cost Center: G093155 / 5021 / H0429 / B0001
Title: TexAQS II Radical Measurement Project (TRAMP)
Agency: Houston Advanced Research Center
Agency Code: 4HRC00
Agency Type: Private Non-Profit
Duration: 4/12/2006 to 5/31/2007
Award Amount: \$74,975.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Mathematics

University of Houston
Division of Research
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Received During October, 2006

Investigator: Dr. Yuriy Kuznetsov, 100.00%
Cost Center: G093972 / 5022 / H0110 / B0001
Title: Advanced Numerical Algorithms for Single-Phase Fluid Flow in Porous Media
Agency: ExxonMobil Upstream Research Co.
Agency Code: 3EXX09
Agency Type: Private Profit
Duration: 10/1/2006 to 12/31/2007
Award Amount: \$121,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Physics

Investigator: Dr. Kwong Lau, 100.00%
Cost Center: G093501 / 5013 / H0112 / B0001
Title: Detector/Muon Tracker Design and Prototype Test
Agency: University of California - Lawrence Berkeley Laboratory
Agency Code: 7CAL30
Agency Type: University
Duration: 8/24/2006 to 12/26/2006
Award Amount: \$55,000.00
Type of Support: Contract for Research
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
CB Designation: Restricted Research

COLLEGE OF OPTOMETRY

Community Optometry

Investigator: Dr. Jan P. G. Bergmanson, 100.00%
Cost Center: G093883 / 5022 / H0114 / C0001
Title: CooperVision Clinical Evaluation of Silicone Hydrogel (SiHi) Contact Lenses
Agency: Cooper Vision, Inc.
Agency Code: 3CVI00
Agency Type: Private Profit
Duration: 9/1/2006 to 9/30/2007
Award Amount: \$45,351.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non 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: \$52,457.35
Type of Support: Special Research Agreement for Research
CFDA:
CB Designation: Restricted Research

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Received During October, 2006

COLLEGE OF PHARMACY

Institute for Drug Education and Research

Investigator: Dr. Diana S. L. Chow, 100.00%
Cost Center: G090660 / 5022 / H0422 / B0001
Title: Particle Size Effects on Pharmacokinetic Properties of Parenteral Formulations
Agency: Pfizer, Inc.
Agency Code: 3PCR10
Agency Type: Private Profit
Duration: 12/10/2004 to 12/31/2007
Award Amount: \$80,000.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

COLLEGE OF TECHNOLOGY

Engineering Technology

Investigator: Dr. Farouk G. Attia, 50.00%
Cost Center: G092311 / 5021 / H0139 / B0001
Title: A Study of Flexible Linking of Manufacturing Planning to Customer Requirements at Woodco USA
Agency: Woodco USA
Agency Code: 3WUS00
Agency Type: Private Profit
Duration: 10/1/2005 to 8/31/2007
Award Amount: \$3,750.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

Information and Logistics Technology

Investigator: Dr. Robert Seaker, 50.00%
Cost Center: G092311 / 5021 / H0139 / B0001
Title: A Study of Flexible Linking of Manufacturing Planning to Customer Requirements at Woodco USA
Agency: Woodco USA
Agency Code: 3WUS00
Agency Type: Private Profit
Duration: 10/1/2005 to 8/31/2007
Award Amount: \$3,750.00
Type of Support: Contract for Research
CFDA:
CB Designation: Restricted Research

DIVISION OF RESEARCH

Institute for Molecular Design

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

Investigator: Dr. B. Montgomery Pettitt, 40.00%
Cost Center: G093825 / 5013 / H0103 / B0100
Title: Nanobiology Training Grant
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$18,142.40
Type of Support: Grant for Research
CFDA: 93.847 - Diabetes, Endocrinology and Metabolism Research
CB Designation: Non Restricted Research

Texas Learning/Computation Center

Investigator: Dr. David J. Francis, 10.00%
Cost Center: G087878 / 5013 / H0288 / B0001
Title: NCEE-English Language Acquisition Evaluation Research Program
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2003 to 9/30/2007
Award Amount: \$157,952.10
Type of Support: Co-Op Agreement for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 10.00%
Cost Center: G093825 / 5013 / H0103 / B0100
Title: Nanobiology Training Grant
Agency: National Institute of Diabetes and Digestive and Kidney Diseases
Agency Code: HEW406
Agency Type: Federal
Duration: 8/1/2006 to 7/31/2007
Award Amount: \$4,535.60
Type of Support: Grant for Research
CFDA: 93.847 - Diabetes, Endocrinology and Metabolism Research
CB Designation: Non Restricted Research

TIMES

Investigator: Dr. David J. Francis, 70.00%
Cost Center: G087878 / 5013 / H0288 / B0001
Title: NCEE-English Language Acquisition Evaluation Research Program
Agency: U.S. Department of Education
Agency Code: HEW100
Agency Type: Federal
Duration: 10/1/2003 to 9/30/2007
Award Amount: \$1,105,664.70
Type of Support: Co-Op Agreement for Research
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and
CB Designation: Restricted Research

VICE PRESIDENT FOR STUDENT AFFAIRS

Learning and Assessment Services

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

Investigator: Ms. Angelina C. Grindon, 100.00%
Cost Center: G093129 / 5016 / H0219 / C0001
Title: Families CAN Renewal
Agency: Texas Department of State Health Services
Agency Code: 1TDH00
Agency Type: State
Duration: 9/1/2006 to 8/31/2007
Award Amount: \$114,327.00
Type of Support: Contract for Public Service
CFDA:
CB Designation: Non Research

Total Federal	\$2,444,323.00
Total State	\$331,513.00
Total Local	\$0.00
Total Other	\$1,143,077.17
TOTAL THIS MONTH	\$3,918,913.17