

**UNIVERSITY OF HOUSTON
DIVISION OF RESEARCH
NEW GRANTS AND CONTINUATION AWARDS FOR RESEARCH,
TRAINEESHIPS, FELLOWSHIPS, EQUIPMENT AND BUILDINGS
RECEIVED DURING JANUARY, 2002**

VICE PRESIDENT FOR STUDENT AFFAIRS

International Student and Scholar Services

Investigator: Dr. Anita V. Gaines, 100%
Account: 1-5-59126
Title: "Utilizing the Internet to Facilitate International Education"
Agency: NAFA: Association of International Educators
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 10/22/2001 to 11/15/2001
Award Amount: \$ 850.00
Revenue Source: 0800
Agency Code: 4NAF00
CB Designation: Restricted Research

Learning Support Services

Investigator: Dr. W. Gail Hudson-Gillan, 100%
Account: 1-5-58984
Title: "Program Director"
Agency: Educational Development Corporation
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 01/01/2001 to 08/31/2002
Award Amount: \$ 3,964.95
Revenue Source: 0800
Agency Code: 3EDC00
CB Designation: Restricted Research

COLLEGE OF EDUCATION

Curriculum and Instruction

Investigator: Dr. H. Jerome Freiberg, 100%
Account: 1-5-57520
Title: "Consistency Management and Cooperative Discipline for Middle School"
Agency: Mixed Multi-Donors
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 08/01/1995 to 02/28/2002
Award Amount: \$ 17,914.00
Revenue Source: 0800
Agency Code: 5MIX00
CB Designation:

Investigator: Dr. H. Jerome Freiberg, 100%
Account: 1-5-59136
Title: "CMCD/Foerster Elementary School"
Agency: Foerster Elementary School
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 111,698.00
Revenue Source: 0700
Agency Code: 2FES00
CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%
Account: 1-5-59137
Title: "CMCD/Alternative Certification Program - Houston ISD"
Agency: Houston Independent School District
CFDA Code: N/A

Type of Support Contract for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 11,936.00
Revenue Source: 0700
Agency Code: 2HSD00
CB Designation: Restricted Research

Investigator: Dr. F. Richard Olenchak, 033%
Account: 1-5-55427
Title: "Identity Development in High School Students Gifted in Visual Arts"
Agency: SENG Foundation
CFDA Code: N/A
Type of Support Grant for research.
Duration: 01/01/2002 to 12/31/2003
Award Amount: \$ 8,018.39
Revenue Source: 0800
Agency Code: 6SEN00
CB Designation: Restricted Research

Educational Psychology

Investigator: Dr. John P Gaa, 034%
Account: 1-5-55427
Title: "Identity Development in High School Students Gifted in Visual Arts"
Agency: SENG Foundation
CFDA Code: N/A
Type of Support Grant for research.
Duration: 01/01/2002 to 12/31/2003
Award Amount: \$ 8,261.37
Revenue Source: 0800
Agency Code: 6SEN00
CB Designation: Restricted Research

Investigator: Dr. Lilia Ruban, 033%
Account: 1-5-55427
Title: "Identity Development in High School Students Gifted in Visual Arts"
Agency: SENG Foundation
CFDA Code: N/A
Type of Support Grant for research.
Duration: 01/01/2002 to 12/31/2003
Award Amount: \$ 8,018.39
Revenue Source: 0800
Agency Code: 6SEN00
CB Designation: Restricted Research

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Dr. Michael Nikolaou, 100%
Account: 1-5-59145
Title: "A Study on Plasma Etching Yield Improvements Through a Faculty-in-Industry Internship"
Agency: Lam Research Corporation
CFDA Code: N/A
Type of Support Contract for research.
Duration: 06/15/2001 to 11/30/2001
Award Amount: \$ 28,387.00
Revenue Source: 0800
Agency Code: 3LRC00
CB Designation: Restricted Research

Investigator: Dr. Richard C. Willson, 100%
Account: 1-5-59141
Title: "Real-time DNA Sequencing"
Agency: VisiGen Biotechnologies, Inc.
CFDA Code: N/A
Type of Support Contract for research.
Duration: 09/13/2001 to 09/12/2002
Award Amount: \$ 235,114.00

Revenue Source: 0800
Agency Code: 3VBI00
CB Designation: Restricted Research

Civil Engineering

Investigator: Dr. Shankar Chellam, 100%
Account: 1-1-19232
Title: "Waste Reduction in Nanofiltration Facilities Employed to Prevent Pollution of Drinking Water"
Agency: Texas Hazardous Waste Research Center
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 09/01/2001 to 08/31/2002
Award Amount: \$ 32,151.00
Revenue Source: 0600
Agency Code: 1THW00
CB Designation: Restricted Research

Investigator: Dr. William G. Rixey, 100%
Account: 1-5-58730
Title: "The Dissolution of Ethanol from NAPL Sources and the Impact on BTEX Groundwater Concentrations"
Agency: American Petroleum Institute
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 07/26/2000 to 05/31/2002
Award Amount: \$ 93,337.00
Revenue Source: 0800
Agency Code: 4API00
CB Designation: Restricted Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Theatre

Investigator: Dr. Sidney L. Berger, 100%
Account: 1-5-59130
Title: "General Assistance Program - General Project Support"
Agency: Cultural Arts Council of Houston and Harris County
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 12,375.00
Revenue Source: 0800
Agency Code: 4CAC00
CB Designation: Restricted Research

Communication Disorders

Investigator: Dr. Lynn S. Bliss, 100%
Account: 1-5-58951
Title: "United Way Support for Service Delivery in the University of Houston Speech, Language and Hearing Clinic"
Agency: United Way of the Texas Gulf Coast
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 01/01/2001 to 12/31/2002
Award Amount: \$ 236,399.00
Revenue Source: 0800
Agency Code: 4UWAY2
CB Designation: Non Research

Investigator: Dr. Lynn S. Bliss, 100%
Account: 1-5-58993
Title: "United Way Support For Service Delivery in the University of Houston Speech, Language and Hearing Clinic"
Agency: United Way Clinic Service and Sales
CFDA Code: N/A
Type of Support: Grant for research.

Duration: 01/01/2001 to 12/31/2002
Award Amount: \$ 23,794.26
Revenue Source: 0800
Agency Code: 4UWAY4
CB Designation: Non Research

School of Music

Investigator: Dr. Catharine Lysinger, 100%
Account: 1-5-51293
Title: "NAP Grant - Wheeler Ave. Baptist Church Piano Program/Singin' & Swingin'"
Agency: Cultural Arts Council of Houston and Harris County
CFDA Code: N/A
Type of Support: Grant for public service.
Duration: 01/01/2001 to 06/30/2001
Award Amount: \$ 2,325.00
Revenue Source: 0800
Agency Code: 4CAC00
CB Designation:

Investigator: Dr. Catharine Lysinger, 100%
Account: 1-5-59103
Title: "GAPP - Support for Preparatory & Continuing Studies Program"
Agency: Cultural Arts Council of Houston and Harris County
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 9,875.00
Revenue Source: 0800
Agency Code: 4CAC00
CB Designation: Restricted Research

Arte Publico Press

Investigator: Dr. Nicolas Kanellos, 100%
Account: 1-5-56532
Title: "Texas Touring 2002"
Agency: Texas Commission on the Arts
CFDA Code: n/a
Type of Support: Contract for research.
Duration: 09/01/2001 to 08/31/2002
Award Amount: \$ 20,000.00
Revenue Source: 0600
Agency Code: 1CAH00
CB Designation:

Investigator: Dr. Nicolas Kanellos, 100%
Account: 1-5-59132
Title: "Regional Touring Program - Project Support"
Agency: Cultural Arts Council of Houston and Harris County
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 4,000.00
Revenue Source: 0800
Agency Code: 4CAC00
CB Designation: Restricted Research

Blaffer Gallery

Investigator: Ms. Terrie Sultan, 100%
Account: 1-5-59134
Title: "General Assistance Program - General Project Support"
Agency: Cultural Arts Council of Houston and Harris County
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 26,959.00
Revenue Source: 0800

Agency Code: 4CAC00
CB Designation: Restricted Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Biology/Biochemistry

Investigator: Dr. Gregory M. Cahill, 090%
Account: 1-5-50057
Title: "Mutational Analysis of Vertebrate Circadian Rhythmicity"
Agency: National Institutes of Health
CFDA Code: 93.242 - Mental Health Research Grants
Type of Support: Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 171,664.20
Revenue Source: 0500
Agency Code: HEW040
CB Designation: Restricted Research

Institute for Molecular Biology

Investigator: Dr. Gregory M. Cahill, 010%
Account: 1-5-50057
Title: "Mutational Analysis of Vertebrate Circadian Rhythmicity"
Agency: National Institutes of Health
CFDA Code: 93.242 - Mental Health Research Grants
Type of Support: Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 19,073.80
Revenue Source: 0500
Agency Code: HEW040
CB Designation: Restricted Research

Chemistry

Investigator: Dr. Chengzhi Cai, 100%
Account: 1-5-54662
Title: "Chemisorption of Molecules Containing Multiple Ethenyl Groups on Hydrogen-Terminated Silicon Surfaces"
Agency: American Chemical Society
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 01/01/2002 to 08/31/2004
Award Amount: \$ 35,000.00
Revenue Source: 0800
Agency Code: 4ACS00
CB Designation: Restricted Research

Investigator: Dr. Arnold M. Guloy, 100%
Account: 1-5-54663
Title: "Synthesis and Chemical Properties of Novel Germanium Anion Cluster Polymers"
Agency: American Chemical Society
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 01/01/2002 to 08/31/2004
Award Amount: \$ 80,000.00
Revenue Source: 0800
Agency Code: 4ACS00
CB Designation: Restricted Research

Investigator: Dr. Scott S. Perry, 100%
Account: 1-5-53200
Title: "AFM Characterization of Ultrafiltration Membranes"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA Code: 43.001 - Aerospace Education Services Program
Type of Support: Contract for research.
Duration: 09/25/2001 to 09/24/2002
Award Amount: \$ 4,720.00
Revenue Source: 0500

Agency Code: NAS300
CB Designation: Restricted Research

Geosciences

Investigator: Dr. K. K. Bissada, 100%
Account: 1-5-59055
Title: "Geotechnical Analysis for the Tertiary Source Rock Characterization"
Agency: Petroleos de Venezuela - Exploracion y Produccion
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 01/05/2001 to 12/31/2002
Award Amount: \$ 95,385.00
Revenue Source: 0800
Agency Code: 3PDV00
CB Designation: Restricted Research

Investigator: Dr. K. K. Bissada, 100%
Account: 1-5-59079
Title: "Organic Microscopy & Other Advanced & Patented Geochemical Research Applications & Techniques Pursuant to July 2001 "Baseline DGSI – University of*"
Agency: Baseline DGSI
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 09/19/2001 to 09/18/2002
Award Amount: \$ 960.00
Revenue Source: 0800
Agency Code: 3BDL00
CB Designation: Restricted Research

Investigator: Dr. James R. Lawrence, 100%
Account: 1-5-56531
Title: "Stable Isotope Studies of Natural Waters of Intra-Coastal Waterway and Rivers in Freeport Area, Brazoria County, Texas"
Agency: Texas Water Development Board
CFDA Code: N/A
Type of Support: Contract for research.
Duration: 10/01/2001 to 07/31/2002
Award Amount: \$ 30,000.00
Revenue Source: 0600
Agency Code: 1TXW00
CB Designation: Restricted Research

Mathematics

Investigator: Dr. Min Ru, 100%
Account: 1-5-51109
Title: "Diophantine Approximation and Nevanlinna Theory"
Agency: National Security Agency
CFDA Code: 12.901 - Mathematical Sciences Grants Program
Type of Support: Contract for research.
Duration: 12/01/2000 to 01/18/2003
Award Amount: \$ 13,000.00
Revenue Source: 0500
Agency Code: DOD700
CB Designation : Restricted Research

Physics

Investigator: Dr. Michael Gorman, 050%
Account: 1-5-51104
Title: "Experiments, Analysis and Visualization of the Spatiotemporal Dynamic of Remixed Flames"
Agency: U.S. Navy Office of Naval Research
CFDA Code: 12.300 - Basic and Applied Scientific Research
Type of Support: Grant for research.
Duration: 10/01/1999 to 09/30/2003
Award Amount: \$ 62,457.00
Revenue Source: 0500

Agency Code: DOD301
 CB Designation : Restricted Research

Investigator: Dr. Gemunu H. Gunaratne, 050%
 Account: 1-5-51104
 Title: "Experiments, Analysis and Visualization of the Spatiotemporal Dynamic of Remixed Flames"
 Agency: U.S. Navy Office of Naval Research
 CFDA Code: 12.300 - Basic and Applied Scientific Research
 Type of Support Grant for research.
 Duration: 10/01/1999 to 09/30/2003
 Award Amount: \$ 62,457.00
 Revenue Source: 0500
 Agency Code: DOD301
 CB Designation : Restricted Research

COLLEGE OF OPTOMETRY

Optometry

Investigator: Dr. Harold E. Bedell, 100%
 Account: 1-5-59139
 Title: "New Approaches to Subjective Refraction"
 Agency: Ohio State University Research Foundation
 CFDA Code: N/A
 Type of Support Grant for research.
 Duration: 08/01/2001 to 07/31/2002
 Award Amount: \$ 69,000.00
 Revenue Source: 0800
 Agency Code: 6OSU04
 CB Designation : Restricted Research

Investigator: Dr. Jan P. G. Bergmanson, 100%
 Account: 1-5-59129
 Title: "Ocular Sciences Opaque Colors Final Selection Study"
 Agency: Ocular Sciences, Inc.
 CFDA Code: N/A
 Type of Support Grant for research.
 Duration: 11/07/2001 to 11/30/2003
 Award Amount: \$ 6,200.00
 Revenue Source: 0800
 Agency Code: 3OSI00
 CB Designation : Restricted Research

COLLEGE OF TECHNOLOGY

Industrial Technology

Investigator: Dr. Sharon Lund O'Neil, 050%
 Account: 1-5-56502
 Title: "Business Education TEKS Support Systems"
 Agency: Texas Education Agency
 CFDA Code: N/A
 Type of Support Grant for research.
 Duration: 09/01/2001 to 08/31/2002
 Award Amount: \$ 97,600.00
 Revenue Source: 0600
 Agency Code: 1TEA00
 CB Designation : Restricted Research

Investigator: Dr. Cheryl L. Willis, 050%
 Account: 1-5-56502
 Title: "Business Education TEKS Support Systems"
 Agency: Texas Education Agency
 CFDA Code: N/A
 Type of Support Grant for research.
 Duration: 09/01/2001 to 08/31/2002
 Award Amount: \$ 97,600.00
 Revenue Source: 0600
 Agency Code: 1TEA00

CB Designation : Restricted Research

Human Development and Consumer Science

Investigator: Dr. Marcella L. Norwood, 100%
Account: 1-5-56507
Title: "Marketing Education TEKS Support Systems"
Agency: Texas Education Agency
CFDA Code: N/A
Type of Support: Grant for research.
Duration: 09/01/2001 to 08/31/2002
Award Amount: \$ 170,200.00
Revenue Source: 0600
Agency Code: 1TEA00
CB Designation : Restricted Research

TOTAL AWARDS

SOURCE OF FUNDS	FISCAL YEAR 2002		FISCAL YEAR 2001	
	CURRENT MONTH	CUMULATIVE TOTAL	CURRENT MONTH	CUMULATIVE TOTAL
Federal	\$333,372.00	\$13,956,267.38	\$ 2,907,611.38	\$14,884,005.58
State	\$447,551.00	\$6,694,291.23	\$103,600.10	\$4,309,394.64
Local	\$123,634.00	\$142,234.00	\$0.00	\$95,160.00
Other	\$1,006,137.37	\$5,914,751.99	\$1,347,651.10	\$7,299,407.16
TOTAL CURRENT MONTH	\$1,910,694.37	\$26,707,544.60	\$4,358,862.58	\$26,587,967.38