

**UNIVERSITY OF HOUSTON  
DIVISION OF RESEARCH  
NEW GRANTS AND CONTINUATION AWARDS FOR RESEARCH,  
TRAINEESHIPS, FELLOWSHIPS, EQUIPMENT AND BUILDINGS  
RECEIVED DURING DECEMBER, 2001**

**DIVISION OF RESEARCH**

**Institute for Space Systems Operations**

Investigator: Dr. George E. Fox, 014%  
Account: 1-5-51263  
Title: "NASA National Space Biomedical Research Institute Microorganisms  
in the Spacecraft Environment"  
Agency: Baylor College of Medicine  
CFDA Code: N/A  
Type of Support: Cooperative agreement for research.  
Duration: 10/01/2000 to 09/30/2002  
Award Amount: \$ 43,215.20  
Revenue Source: 0800  
Agency Code: 7BAY00  
CB Designation: Restricted Research

**COLLEGE OF EDUCATION**

**Curriculum and Instruction**

Investigator: Dr. H. Jerome Freiberg, 100%  
Account: 1-5-59105  
Title: "CMCD - Project Grad/Houston Davis Feeder Pattern Elementary  
Schools (Year 3)"  
Agency: Project Grad - Houston  
CFDA Code: N/A  
Type of Support: Contract for research.  
Duration: 07/01/2001 to 06/30/2002  
Award Amount: \$ 14,814.00  
Revenue Source: 0800  
Agency Code: 4PGX04  
CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
Account: 1-5-59109  
Title: "CMCD - Project Grad/Houston Wheatley-E.O. Smith (K-8 Schools,  
Year 2)"  
Agency: Project Grad - Houston  
CFDA Code: N/A  
Type of Support: Contract for research.  
Duration: 07/01/2001 to 06/30/2002  
Award Amount: \$ 32,823.00  
Revenue Source: 0800  
Agency Code: 4PGX04  
CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
Account: 1-5-59113  
Title: "CMCD - Project Grad/Houston Yates Feeder Pattern Elementary  
Schools (Year 3)"  
Agency: Project Grad - Houston  
CFDA Code: N/A  
Type of Support: Contract for research.  
Duration: 07/01/2001 to 06/30/2002  
Award Amount: \$ 24,568.00  
Revenue Source: 0800  
Agency Code: 4PGX04  
CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
Account: 1-5-59114

Title: "CMCD - Project Grad/Houston Reagan Elementary Schools (Start-Up)"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002  
 Award Amount: \$ 100,298.00  
 Revenue Source: 0800  
 Agency Code: 4PGX04  
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
 Account: 1-5-59116  
 Title: "CMCD - Project Grad/Houston Reagan Elementary Schools (Year 1)"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002  
 Award Amount: \$ 201,675.00  
 Revenue Source: 0800  
 Agency Code: 4PGX04  
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
 Account: 1-5-59119  
 Title: "CMCD - Project Grad/Houston Wheatley Elementary Schools (6) and E.O. Smith Middle School"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002  
 Award Amount: \$ 72,550.00  
 Revenue Source: 0800  
 Agency Code: 4PGX04  
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
 Account: 1-5-59120  
 Title: "CMCD - Project Grad/Houston Wheatley Elementary Schools (5 Schools, Year 2)"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002  
 Award Amount: \$ 92,123.00  
 Revenue Source: 0800  
 Agency Code: 4PGX04  
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
 Account: 1-5-59122  
 Title: "CMCD - Project Grad/Houston Wheatley Elementary Schools (8 Schools, Year 2)"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002  
 Award Amount: \$ 137,823.00  
 Revenue Source: 0800  
 Agency Code: 4PGX04  
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%  
 Account: 1-5-59123  
 Title: "CMCD - Project Grad/Houston Wheatley Elementary Schools (8 Schools, Year 1)"  
 Agency: Project Grad - Houston  
 CFDA Code: N/A  
 Type of Support: Contract for research.  
 Duration: 07/01/2001 to 06/30/2002

Award Amount: \$ 153,837.00  
Revenue Source: 0800  
Agency Code: 4PGX04  
CB Designation: Restricted Research

## **CULLEN COLLEGE OF ENGINEERING**

### **Chemical Engineering**

Investigator: Dr. Kishore K. Mohanty, 100%  
Account: 1-1-19197  
Title: "VOC Emission Control at Oil Loading Terminals"  
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: \$ 32,152.00  
Revenue Source: 0600  
Agency Code: 1THW00  
CB Designation: Restricted Research

Investigator: Dr. Kishore K. Mohanty, 100%  
Account: 1-5-52228  
Title: "Development of Shallow Viscous Oil Reserves in the North Slope"  
Agency: U.S. Department of Energy  
CFDA Code: 81.089 - Fossil Energy Research and Development  
Type of Support: Cooperative agreement for research.  
Duration: 09/26/2001 to 09/25/2004  
Award Amount: \$ 594,259.00  
Revenue Source: 0500  
Agency Code: DOE000  
CB Designation: Restricted Research

## **COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

### **Psychology**

Investigator: Dr. David J. Francis, 100%  
Account: 1-5-50097  
Title: "Early Intervention for Children with Reading Problems"  
Agency: University of Texas Health Science Center at Houston  
CFDA Code: N/A  
Type of Support: Grant for research.  
Duration: 07/01/2001 to 06/30/2002  
Award Amount: \$ 499,084.00  
Revenue Source: 0600  
Agency Code: 1UTX11  
CB Designation: Restricted Research

Investigator: Dr. H. Julia Hannay, 100%  
Account: 1-5-56528  
Title: "Graduate Student Placement in the Field of Neuropsychology"  
Agency: University of Texas - Cancer Center (M.D. Anderson Hosp. & Tumor Inst.)  
CFDA Code: N/A  
Type of Support: Contract for research.  
Duration: 09/01/2001 to 08/31/2002  
Award Amount: \$ 16,053.48  
Revenue Source: 0600  
Agency Code: 1UTX10  
CB Designation: Not Research

Investigator: Dr. H. Julia Hannay, 100%  
Account: 1-5-57408  
Title: "Vascular Mechanisms of Secondary Insults in Severe Brain Injury"  
Agency: Baylor College of Medicine  
CFDA Code: N/A  
Type of Support: Grant for research.  
Duration: 07/26/1999 to 09/30/2002  
Award Amount: \$ 77,944.00

Revenue Source: 0800  
Agency Code: 7BAY00  
CB Designation: Restricted Research

## COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

### Biology/Biochemistry

Investigator: Dr. George E. Fox, 080%  
Account: 1-5-51263  
Title: "NASA National Space Biomedical Research Institute Microorganisms in the Spacecraft Environment"  
Agency: Baylor College of Medicine  
CFDA Code: N/A  
Type of Support: Cooperative agreement for research.  
Duration: 10/01/2000 to 09/30/2002  
Award Amount: \$ 246,944.00  
Revenue Source: 0800  
Agency Code: 7BAY00  
CB Designation: Restricted Research

### Institute for Molecular Biology

Investigator: Dr. George E. Fox, 006%  
Account: 1-5-51263  
Title: "NASA National Space Biomedical Research Institute Microorganisms in the Spacecraft Environment"  
Agency: Baylor College of Medicine  
CFDA Code: N/A  
Type of Support: Cooperative agreement for research.  
Duration: 10/01/2000 to 09/30/2002  
Award Amount: \$ 18,520.80  
Revenue Source: 0800  
Agency Code: 7BAY00  
CB Designation: Restricted Research

### Chemistry

Investigator: Dr. Shiv Halasyamani, 100%  
Account: 1-5-51683  
Title: "CAREER: Synthesis and Characterization of New Ferroelectric – Second-Harmonic Generating Oxide Materials"  
Agency: National Science Foundation  
CFDA Code: 47.049 - Mathematical and Physical Sciences  
Type of Support: Grant for research.  
Duration: 03/15/2001 to 02/28/2003  
Award Amount: \$ 123,677.00  
Revenue Source: 0500  
Agency Code: NSF000  
CB Designation: Restricted Research

### Geosciences

Investigator: Dr. K. K. Bissada, 100%  
Account: 1-5-51270  
Title: "Fiscal Year 2001 Research Service Addenda"  
Agency: Texaco Group, Inc.  
CFDA Code: N/A  
Type of Support: Special research agreement for research.  
Duration: 01/01/2001 to 12/31/2001  
Award Amount: \$ 59,700.00  
Revenue Source: 0800  
Agency Code: 3TXG00  
CB Designation: Restricted Research

## COLLEGE OF OPTOMETRY

### Optometry

Investigator: Dr. Yuzo M. Chino, 100%

Account: 1-5-50170  
 Title: "Amblyopia"  
 Agency: National Eye Institute  
 CFDA Code: 93.867 - Vision Research  
 Type of Support: Grant for research.  
 Duration: 12/01/1998 to 11/30/2002  
 Award Amount: \$ 307,059.00  
 Revenue Source: 0500  
 Agency Code: HEW402  
 CB Designation: Restricted Research

**COLLEGE OF PHARMACY**

**Pharmacological and Pharmaceutical Sciences**

Investigator: Dr. Douglas C. Eikenburg, 100%  
 Account: 1-5-58689  
 Title: "Beta2-Adrenoceptor Cross Talk Regulates Alpha2-Adrenoceptor Signaling"  
 Agency: American Heart Association - Texas Affiliate  
 CFDA Code: N/A  
 Type of Support: Grant for research.  
 Duration: 07/01/2000 to 06/30/2002  
 Award Amount: \$ 6,941.00  
 Revenue Source: 0800  
 Agency Code: 4AHA10  
 CB Designation: Restricted Research

**TOTAL AWARDS**

SOURCE OF FUNDS	FISCAL YEAR 2002		FISCAL YEAR 2001	
	CURRENT MONTH	CUMULATIVE TOTAL	CURRENT MONTH	CUMULATIVE TOTAL
Federal	\$1,024,995.00	\$13,622,895.38	\$ 4,451,906.00	\$11,976,394.20
State	\$547,289.48	\$6,246,740.23	\$100,694.00	\$4,205,794.54
Local	\$0.00	\$18,600.00	\$0.00	\$95,160.00
Other	\$1,283,776.00	\$4,908,614.62	\$1,595,870.99	\$5,951,756.06
<b>TOTAL CURRENT MONTH</b>	<b>\$2,856,060.48</b>	<b>\$24,796,850.23</b>	<b>\$6,148,470.99</b>	<b>\$22,229,104.80</b>