

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

**COLLEGE OF EDUCATION**

**Consistency Mgmt and Coop Disc**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088901 / 5021 / H0063 / C0001  
Title: CMCD - Houston Reagan Feeder Pattern Middle Schools (Implementation Year 1)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$80,736.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088902 / 5021 / H0063 / C0001  
Title: CMCD - Project Grad - Houston, Sam Houston Feeder Pattern Elementary Schools (Implementation Year 1)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$283,371.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088903 / 5021 / H0063 / C0001  
Title: CMC-/Project Grad Houston, Sam Houston Feeder Pattern Middle Schools (Implementation Year 1)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$123,733.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088904 / 5021 / H0063 / C0001  
Title: CMCD-Project Grad Houston, Wheatly Feeder Pattern 13 Elementary Schools (Implementation Year 5)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$11,752.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

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

**Received During November, 2003**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088910 / 5021 / H0063 / C0001  
Title: CMC - Project Grad Houston, Wheatley Feeder Pattern EO Smith K-8 School (Implementation Year 5)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$2,265.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088906 / 5021 / H0063 / C0001  
Title: CMCD/ Project Grad Houston, Wheatly Feeder Pattern Middle Schools/Fleming & McReynolds (Implement  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$6,060.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088907 / 5021 / H0063 / C0001  
Title: CMCD - Project Grad Houston, Wheatley Feeder Pattern High School (Implementation Year 1)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$47,986.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088908 / 5021 / H0063 / C0001  
Title: CMCD/Project Grad - Houston Yates Feeder Pattern Elementary Schools (Implementation Year 6 & 7)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$11,119.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088909 / 5021 / H0063 / C0001  
Title: CMCD/Project GRAD - Houston Yates Feeder Pattern Middle Schools (Implementation Year 6)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$8,589.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088900 / 5021 / H0063 / C0001  
Title: CMC/Project Grad - Houston Reagan Feeder Pattern Elementary Schools (Implementation Year 3)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$11,752.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088899 / 5021 / H0063 / C0001  
Title: CMCD/Project GRAD - Houston Davis Feeder Pattern High School (Implementation Year 7)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$6,324.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088896 / 5021 / H0063 / C0001  
Title: CMCD/Project GRAD - Houston Davis Feeder Pattern Middle Schools (Implementation Year 8)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$6,060.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088897 / 5021 / H0063 / C0001  
Title: CMCD/Project GRAD - Houston Davis Feeder Pattern Elementary Schools (Implementation Year 9)  
Agency: Project Grad - Houston  
Agency Code: 4PGX04  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$7,324.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088783 / 5021 / H0063 / C0001  
Title: CMCD/Project GRAD - Columbus Linden-McKinley Elementary Schools (Implementation Year 4)  
Agency: Project Grad, Columbus, Ohio  
Agency Code: 4PGX03  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$10,841.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

Investigator: Dr. H. Jerome Freiberg, 100.00%  
Cost Center: G088898 / 5021 / H0063 / C0001  
Title: CMCD - Brownsville Porter Feeder Pattern Elementary Schools (Start-Up)  
Agency: Project Grad - USA  
Agency Code: 4PGX09  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2004  
Award Amount: \$122,103.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Non Research

---

**Texas Center for University School Partnerships**

Investigator: Dr. W. Robert Houston, 100.00%  
Cost Center: G088493 / 5021 / H0059 / B0001  
Title: Can Do Project - Thompson  
Agency: DePelchin Children's Center  
Agency Code: 4DEP00  
Revenue Source Code: 800  
Duration: 9/1/2003 to 8/31/2004  
Award Amount: \$16,498.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

---

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

**Arte Publico Press**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

Investigator: Dr. Nicolas Kanellos, 100.00%  
Cost Center: G088684 / 5022 / H0093 / B0001  
Title: California Civil Rights Books  
Agency: James Irvine Foundation  
Agency Code: 6JIF00  
Revenue Source Code: 800  
Duration: 10/3/2003 to 3/30/2005  
Award Amount: \$100,000.00  
Type of Support: Grant for Research  
CFDA:  
CB Designation: Restricted Research

---

Investigator: Dr. Nicolas Kanellos, 100.00%  
Cost Center: G088757 / 5016 / H0093 / B0001  
Title: Author Touring 2003-2004  
Agency: Texas Commission on the Arts  
Agency Code: 1CAH00  
Revenue Source Code: 600  
Duration: 9/1/2003 to 8/31/2004  
Award Amount: \$10,000.00  
Type of Support: Grant for Research  
CFDA:  
CB Designation: Restricted Research

---

**Blaffer Gallery**

Investigator: Ms. Terrie Sultan, 100.00%  
Cost Center: G087265 / 5016 / H0097 / B0001  
Title: Arts Education Project: UH Research  
Agency: Texas Commission on the Arts  
Agency Code: 1CAH00  
Revenue Source Code: 600  
Duration: 9/1/2003 to 8/31/2004  
Award Amount: \$2,371.00  
Type of Support: Contract for Public Service  
CFDA:  
CB Designation: Restricted Research

---

**Psychology**

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  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2004  
Award Amount: \$302,389.40  
Type of Support: Co-Op Agreement for Research  
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
CB Designation: Restricted Research

---

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

**Received During November, 2003**

Investigator: Dr. David J. Francis, 20.00%  
Cost Center: G089061 / 5013 / H0288 / B0001  
Title: Biological and Behavioral Variations in the Language Development of Spanish-Speaking Children  
Agency: U.S. Department of Education  
Agency Code: HEW100  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2005  
Award Amount: \$201,123.00  
Type of Support: Grant for Research  
CFDA: 84.292 - Bilingual Education - Research Programs  
CB Designation: Restricted Research

---

Investigator: Dr. H. Julia Hannay, 100.00%  
Cost Center: G088446 / 5021 / H0125 / B0001  
Title: Graduate Student Placement in the Field of Neuropsychology  
Agency: The Institute for Rehabilitation and Research  
Agency Code: 4TIRR0  
Revenue Source Code: 800  
Duration: 9/1/2003 to 8/31/2004  
Award Amount: \$18,763.32  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

---

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

**Biology/Biochemistry**

Investigator: Dr. James M. Briggs, 100.00%  
Cost Center: G086461 / 5015 / H0104 / B0001  
Title: Utilization of Antimicrobial Natural Products for the Management of Microorganisms in Spacecraft  
Agency: Texas Southern University  
Agency Code: 1TSU00  
Revenue Source Code: 600  
Duration: 6/16/2003 to 6/15/2004  
Award Amount: \$185,753.00  
Type of Support: Contract for Research  
CFDA: 43.000 - National Aeronautics and Space Administration  
CB Designation: Restricted Research

---

Investigator: Dr. Susan Anne Martinis, 100.00%  
Cost Center: G087918 / 5021 / H0104 / B0001  
Title: Molecular Characterization of an RNA Co-Factor for Enzyme Catalysis  
Agency: Robert A. Welch Foundation  
Agency Code: 6WEL00  
Revenue Source Code: 800  
Duration: 6/1/2003 to 5/31/2004  
Award Amount: \$3,577.87  
Type of Support: Grant for Research  
CFDA:  
CB Designation: Restricted Research

---

**Chemistry**

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

Investigator: Dr. Allan J. Jacobson, 25.00%  
Cost Center: G086654 / 5013 / H0248 / B0001  
Title: New Cathode Materials for Intermediate Temperature Solid Oxide Fuel Cells  
Agency: U. S. Department of Energy - National Energy Technology Laboratory  
Agency Code: DOE101  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2006  
Award Amount: \$62,500.00  
Type of Support: Co-Op Agreement for Research  
CFDA: 81.087 - Renewable Energy Research and Development  
CB Designation: Restricted Research

---

**Geosciences**

Investigator: Dr. Shuhab Khan, 100.00%  
Cost Center: G088435 / 5013 / H0109 / B0001  
Title: U.S.-Pakistan Cooperative Research Program  
Agency: National Science Foundation  
Agency Code: NSF000  
Revenue Source Code: 500  
Duration: 7/1/2003 to 4/30/2005  
Award Amount: \$29,040.00  
Type of Support: Grant for Research  
CFDA: 47.050 - Geosciences  
CB Designation: Restricted Research

---

**Physics**

Investigator: Dr. Edgar A. Bering, 100.00%  
Cost Center: G087451 / 5013 / H0112 / B0001  
Title: Balloon Observations of MeV Electron Precipitation  
Agency: University of California - Berkeley  
Agency Code: 7CAL50  
Revenue Source Code: 800  
Duration: 8/1/2003 to 7/31/2004  
Award Amount: \$10,000.00  
Type of Support: Contract 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  
Revenue Source Code: 800  
Duration: 1/1/2002 to 12/31/2004  
Award Amount: \$96,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

---

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

**Received During November, 2003**

**Community Optometry**

Investigator: Dr. Ruth E. Manny, 100.00%  
Cost Center: G087992 / 5022 / H0114 / B0001  
Title: ACHIEVE - University of Houston Clinical Center  
Agency: Ohio State University  
Agency Code: 7OSU00  
Revenue Source Code: 800  
Duration: 7/1/2003 to 6/30/2006  
Award Amount: \$471,207.00  
Type of Support: Grant for Research  
CFDA:  
CB Designation: Restricted Research

**COLLEGE OF PHARMACY**

**Clinical Sciences and Administration**

Investigator: Dr. Kevin Garey, 50.00%  
Cost Center: G088400 / 5022 / H0118 / B0001  
Title: Biofilm Inhibition by Clarithromycin for the Prevention and Treatment of Catheter-related Infections  
Agency: Abbott Laboratories  
Agency Code: 3ABB00  
Revenue Source Code: 800  
Duration: 10/24/2003 to 4/23/2005  
Award Amount: \$25,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

Investigator: Dr. Russell Lewis, 50.00%  
Cost Center: G088400 / 5022 / H0118 / B0001  
Title: Biofilm Inhibition by Clarithromycin for the Prevention and Treatment of Catheter-related Infections  
Agency: Abbott Laboratories  
Agency Code: 3ABB00  
Revenue Source Code: 800  
Duration: 10/24/2003 to 4/23/2005  
Award Amount: \$25,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

**CULLEN COLLEGE OF ENGINEERING**

**Civil Engineering**

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

**Received During November, 2003**

Investigator: Dr. Dennis A. Clifford, 30.00%  
Cost Center: G088268 / 5022 / H0068 / B0001  
Title: Biological Treatment and Reuse of an Ion Exchange Brine Pilot Test  
Agency: Montgomery Watson Americas, Inc.  
Agency Code: 3MWA00  
Revenue Source Code: 800  
Duration: 8/1/2003 to 3/31/2004  
Award Amount: \$31,500.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

Investigator: Dr. Deborah J. Roberts, 70.00%  
Cost Center: G088268 / 5022 / H0068 / B0001  
Title: Biological Treatment and Reuse of an Ion Exchange Brine Pilot Test  
Agency: Montgomery Watson Americas, Inc.  
Agency Code: 3MWA00  
Revenue Source Code: 800  
Duration: 8/1/2003 to 3/31/2004  
Award Amount: \$73,500.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

**Electrical Engineering**

Investigator: Dr. Xuemin Chen, 20.00%  
Cost Center: G088536 / 5016 / H0070 / B0001  
Title: Laser Profiles and Other Instrumentation  
Agency: Texas Department of Transportation  
Agency Code: 1DOT00  
Revenue Source Code: 600  
Duration: 9/1/2003 to 8/31/2005  
Award Amount: \$14,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

Investigator: Dr. Jing Li, 30.00%  
Cost Center: G088536 / 5016 / H0070 / B0001  
Title: Laser Profiles and Other Instrumentation  
Agency: Texas Department of Transportation  
Agency Code: 1DOT00  
Revenue Source Code: 600  
Duration: 9/1/2003 to 8/31/2005  
Award Amount: \$21,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

**University of Houston**  
**Division of Research**  
**New Grants and Continuation Awards for Research,**  
**Traineeships, Fellowships, Equipment and Buildings**  
**Received During November, 2003**

Investigator: Dr. C. Richard Liu, 50.00%  
Cost Center: G088536 / 5016 / H0070 / B0001  
Title: Laser Profiles and Other Instrumentation  
Agency: Texas Department of Transportation  
Agency Code: 1DOT00  
Revenue Source Code: 600  
Duration: 9/1/2003 to 8/31/2005  
Award Amount: \$35,000.00  
Type of Support: Contract for Research  
CFDA:  
CB Designation: Restricted Research

---

**DIVISION OF RESEARCH**

**Center for Materials Chemistry**

Investigator: Dr. Allan J. Jacobson, 75.00%  
Cost Center: G086654 / 5013 / H0248 / B0001  
Title: New Cathode Materials for Intermediate Temperature Solid Oxide Fuel Cells  
Agency: U. S. Department of Energy - National Energy Technology Laboratory  
Agency Code: DOE101  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2006  
Award Amount: \$187,500.00  
Type of Support: Co-Op Agreement for Research  
CFDA: 81.087 - Renewable Energy Research and Development  
CB Designation: 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  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2004  
Award Amount: \$151,194.70  
Type of Support: Co-Op Agreement for Research  
CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
CB Designation: Restricted Research

---

Investigator: Dr. David J. Francis, 10.00%  
Cost Center: G089061 / 5013 / H0288 / B0001  
Title: Biological and Behavioral Variations in the Language Development of Spanish-Speaking Children  
Agency: U.S. Department of Education  
Agency Code: HEW100  
Revenue Source Code: 500  
Duration: 10/1/2003 to 9/30/2005  
Award Amount: \$100,561.50  
Type of Support: Grant for Research  
CFDA: 84.292 - Bilingual Education - Research Programs  
CB Designation: Restricted Research

---

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

**Received During November, 2003**

**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  
 Revenue Source Code: 500  
 Duration: 10/1/2003 to 9/30/2004  
 Award Amount: \$1,058,362.90  
 Type of Support: Co-Op Agreement for Research  
 CFDA: 84.305 - National Institute on Student Achievement, Curriculum and  
 CB Designation: Restricted Research

---

Investigator: Dr. David J. Francis, 70.00%  
 Cost Center: G089061 / 5013 / H0288 / B0001  
 Title: Biological and Behavioral Variations in the Language Development of Spanish-Speaking Children  
 Agency: U.S. Department of Education  
 Agency Code: HEW100  
 Revenue Source Code: 500  
 Duration: 10/1/2003 to 9/30/2005  
 Award Amount: \$703,930.50  
 Type of Support: Grant for Research  
 CFDA: 84.292 - Bilingual Education - Research Programs  
 CB Designation: Restricted Research

---

**VICE PRESIDENT FOR STUDENT AFFAIRS**

**Learning Support Services**

Investigator: Dr. Gail Hudson-Gillan, 100.00%  
 Cost Center: G005260 / 5022 / H0220 / B0001  
 Title: Program Director  
 Agency: Educational Development Corporation  
 Agency Code: 3EDC00  
 Revenue Source Code: 800  
 Duration: 1/1/2001 to 8/31/2004  
 Award Amount: \$7,242.25  
 Type of Support: Contract for Research  
 CFDA:  
 CB Designation: Restricted Research

---

<b>Total Federal</b>	<b>\$2,796,602.00</b>
<b>Total State</b>	<b>\$268,124.00</b>
<b>Total Local</b>	<b>\$0.00</b>
<b>Total Other</b>	<b>\$1,618,303.44</b>
<b>TOTAL THIS MONTH</b>	<b>\$4,683,029.44</b>