

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

EXECUTIVE V.P. FOR ACADEMIC AFFAIRS AND PROVOST

Continuing Education

Investigator: Ms. Marilyn Reitz Pustejovsky, 100%
Account: 1-5-50748
Title: "Cost-Reimbursable Subcontract UTA01-095 under US Public Health Service-Substance Abuse"
Agency: University of Texas at Austin
CFDA: 93.274 - Clinical Training Grant for Faculty Development in Alcohol and Drug Abuses
Type of Support: Contract for research.
Duration: 09/30/2001 to 09/29/2002
Award Amount: \$ 25,000.00
Revenue Source: 0600
Agency Code: 1UTX00
CB Designation: Restricted Research

DIVISION OF RESEARCH

Energy Laboratory

Investigator: Dr. Larry Kevan, 015%
Account: 1-5-52220
Title: "Photoinduced Charge Separation in Microheterogeneous Media"
Agency: U.S. Department of Energy-Oakland
CFDA: 81.117 - Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance
Type of Support: Grant for research.
Duration: 02/15/2000 to 02/14/2003
Award Amount: \$ 19,500.00
Revenue Source: 0500
Agency Code: DOE112
CB Designation: Restricted Research

Allied Geophysical Laboratories

Investigator: Dr. Kurt J. Marfurt, 050%
Account: 1-5-51337
Title: "Provanance Study of Paleogene Siliciclastics, Trinidad and Barbados"
Agency: Shell International Exploration and Production Inc.
CFDA: N/A
Type of Support: Contract for research.
Duration: 05/15/2002 to 08/15/2003
Award Amount: \$ 5,000.00
Revenue Source: 0800
Agency Code: 3SHE07
CB Designation: Restricted Research

Investigator: Dr. Charlotte Sullivan, 050%
Account: 1-5-51337
Title: "Provanance Study of Paleogene Siliciclastics, Trinidad and Barbados"
Agency: Shell International Exploration and Production Inc.
CFDA: N/A
Type of Support: Contract for research.
Duration: 05/15/2002 to 08/15/2003
Award Amount: \$ 5,000.00
Revenue Source: 0800
Agency Code: 3SHE07
CB Designation: Restricted Research

Institute for Space Systems Operations

Investigator: Dr. John H. Miller, 025%
Account: 1-5-57841
Title: "Novel Applications of High-Tc Superconducting Sensors"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Lawrence S. Pinsky, 050%
Account: 1-5-53149
Title: "Analysis of Data from the Mars Odyssey MARIE Experiment"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: 43.001 - Aerospace Education Services Program
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2004
Award Amount: \$ 15,812.50
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Restricted Research

Space Vacuum Epitaxy Center

Investigator: Dr. Pen-Chu Chou, 085%
Account: 1-5-59095
Title: "Development of MOCVD Coated Conductor HTS Wire"
Agency: Metal Oxide Technologies Inc.
CFDA: N/A
Type of Support: Contract for research.
Duration: 10/15/2000 to 10/31/2002
Award Amount: \$ 59,500.00
Revenue Source: 0800
Agency Code: 3MET00
CB Designation: Restricted Research

Investigator: Dr. Alexandre Freundlich, 050%
Account: 1-5-53127
Title: "In Situ Electric Power Generation to Support Planetary Exploration and Utilization"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: 43.001 - Aerospace Education Services Program
Type of Support: Grant for research.
Duration: 04/01/2001 to 03/31/2003
Award Amount: \$ 173,000.00
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Restricted Research

Investigator: Dr. Alex Ignatiev, 050%
Account: 1-5-53127
Title: "In Situ Electric Power Generation to Support Planetary Exploration and Utilization"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: 43.001 - Aerospace Education Services Program
Type of Support: Grant for research.
Duration: 04/01/2001 to 03/31/2003
Award Amount: \$ 173,000.00
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Restricted Research

Investigator: Dr. Alex Ignatiev, 040%
Account: 1-5-53201
Title: "Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy"
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center

CFDA:	43.A38 - Space Vacuum Epitaxy Center
Type of Support	Cooperative agreement for research.
Duration:	10/15/2001 to 10/14/2002
Award Amount:	\$ 200,000.00
Revenue Source:	0500
Agency Code:	NAS700
CB Designation:	Restricted Research
Investigator:	Dr. Alex Ignatiev, 050%
Account:	1-5-57835
Title:	"The Chemical Interaction of Adsorbed Molecular and Atomic Species with Surfaces"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 25,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Shin Shem Pei, 040%
Account:	1-5-53201
Title:	"Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy"
Agency:	National Aeronautics and Space Administration - Marshall Space Flight Center
CFDA:	43.A38 - Space Vacuum Epitaxy Center
Type of Support	Cooperative agreement for research.
Duration:	10/15/2001 to 10/14/2002
Award Amount:	\$ 200,000.00
Revenue Source:	0500
Agency Code:	NAS700
CB Designation:	Restricted Research

Texas Learning/Computation Center

Investigator:	Dr. David J. Francis, 010%
Account:	1-5-56657
Title:	"Spina Bifida: Cognitive and Neuropsychological Variability - Core C"
Agency:	University of Texas Health Science Center at Houston
CFDA:	93.865 - Center for Research for Mothers and Children
Type of Support	Contract for research.
Duration:	03/01/2002 to 02/28/2003
Award Amount:	\$ 22,128.50
Revenue Source:	0600
Agency Code:	1UTX11
CB Designation:	Restricted Research
Investigator:	Dr. S. Lennart Johnsson, 050%
Account:	1-5-57349
Title:	"Scalable Scientific Software Libraries"
Agency:	University of Illinois at Chicago
CFDA:	47.070 - Computer and Information Science and Engineering (CISE)
Type of Support	Cooperative agreement for research.
Duration:	10/01/1997 to 09/30/2002
Award Amount:	\$ 25,000.00
Revenue Source:	0800
Agency Code:	7ILL00
CB Designation:	Restricted Research
Investigator:	Dr. S. Lennart Johnsson, 075%
Account:	1-5-57438
Title:	"National Partnership for Advanced Computational Infrastructures: Data Intensive Computer Environment"
Agency:	University of California - San Diego
CFDA:	47.070 - Computer and Information Science and Engineering (CISE)
Type of Support	Cooperative agreement for research.
Duration:	10/01/1999 to 09/30/2002
Award Amount:	\$ 37,500.00

Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Research

Investigator: Dr. Donald J. Kouri, 025%
Account: 1-5-57777
Title: "Chemical Dynamics and the Inverse Scattering Problem"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 15,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 025%
Account: 1-5-57437
Title: "National Partnership for Advanced Computational Infrastructures:
Molecular Science"
Agency: University of California - San Diego
CFDA: N/A
Type of Support: Cooperative agreement for research.
Duration: 10/01/1999 to 09/30/2002
Award Amount: \$ 12,000.00
Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Restricted Research

TIMES

Investigator: Dr. David J. Francis, 070%
Account: 1-5-56657
Title: "Spina Bifida: Cognitive and Neuropsychological Variability - Core C"
Agency: University of Texas Health Science Center at Houston
CFDA: 93.865 - Center for Research for Mothers and Children
Type of Support: Contract for research.
Duration: 03/01/2002 to 02/28/2003
Award Amount: \$ 154,899.50
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

Texas Center for Superconductivity at UH

Investigator: Dr. John H. Miller, 025%
Account: 1-5-57841
Title: "Novel Applications of High-Tc Superconducting Sensors"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Materials Research Science and Engineering Center

Investigator: Dr. Allan J. Jacobson, 050%
Account: 1-5-57834
Title: "Synthesis and Transport Studies of Mixed Electron-Proton Conducting Oxides"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 26,000.00
Revenue Source: 0800
Agency Code: 6WEL00

CB Designation: Restricted Research

Environmental Institute of Houston

Investigator: Dr. Larry Kevan, 040%
Account: 1-5-57775
Title: "Transition Metal Ion and Metal Oxide Film Incorporation Into Mesoporous Materials"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 22,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

VICE PRESIDENT FOR STUDENT AFFAIRS

Learning Support Services

Investigator: Mr. Franklin J. Anderson, 100%
Account: 1-5-53271
Title: "Director Student Services - Challenger Program - Technology Supplement"
Agency: U.S. Department of Education
CFDA: 84.042 - TRIO - Student Support Services
Type of Support: Grant for research.
Duration: 09/01/2001 to 08/31/2002
Award Amount: \$ 5,000.00
Revenue Source: 0500
Agency Code: HEW100
CB Designation: Restricted Research

Investigator: Ms. Angelina C. Grindon, 100%
Account: 1-5-51331
Title: "Grandparents Raising Grandchildren"
Agency: Brookdale Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 6,000.00
Revenue Source: 0800
Agency Code: 6BDF00
CB Designation: Restricted Research

C.T. BAUER COLLEGE OF BUSINESS

Small Business Development Center

Investigator: Mr. Frederick Young, 100%
Account: 1-5-50734
Title: "Small Business Development Center"
Agency: Small Business Administration
CFDA: 59.037 - Small Business Development Center
Type of Support: Cooperative agreement for public service.
Duration: 10/01/2001 to 09/30/2002
Award Amount: \$ 3,970.00
Revenue Source: 0500
Agency Code: SBA000
CB Designation: Non Research

Investigator: Mr. Frederick Young, 100%
Account: 1-5-53416
Title: "Training for Metro Certified Small Businesses"
Agency: Metropolitan Transit Authority
CFDA: 20.507 - Federal Transit Formula Grants
Type of Support: Contract for research.
Duration: 10/01/2001 to 09/30/2003
Award Amount: \$ 20,000.00
Revenue Source: 0700

Agency Code: 2MTA00
 CB Designation: Non Research

Investigator: Mr. Frederick Young, 100%
 Account: 1-5-53728
 Title: "Federal and State Technology Transfer Partnership Program"
 Agency: Texas Tech University
 CFDA: N/A
 Type of Support: Cooperative agreement for public service.
 Duration: 10/01/2001 to 09/30/2002
 Award Amount: \$ 12,000.00
 Revenue Source: 0600
 Agency Code: 1TTU00
 CB Designation: Non Research

COLLEGE OF EDUCATION

Texas Center for University School Partnerships

Investigator: Dr. W. Robert Houston, 100%
 Account: 1-5-51324
 Title: "Project GRAD 2002 Summer Institute"
 Agency: Project Grad - Houston
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 03/01/2002 to 09/30/2002
 Award Amount: \$ 157,500.00
 Revenue Source: 0800
 Agency Code: 4PGX04
 CB Designation: Restricted Research

Curriculum and Instruction

Investigator: Dr. H. Jerome Freiberg, 100%
 Account: 1-5-51334
 Title: "CMCD/Project GRAD Newark Shabazz High School Year 3 and Beyond"
 Agency: Project GRAD - Newark
 CFDA: N/A
 Type of Support: Contract for research.
 Duration: 07/01/2001 to 06/30/2002
 Award Amount: \$ 13,435.00
 Revenue Source: 0800
 Agency Code: 4PGX01
 CB Designation: Restricted Research

Investigator: Dr. H. Jerome Freiberg, 100%
 Account: 1-5-51335
 Title: "CMCD/Project GRAD Newark Central High School Year 2"
 Agency: Project GRAD - Newark
 CFDA: N/A
 Type of Support: Contract for research.
 Duration: 07/01/2001 to 06/30/2002
 Award Amount: \$ 77,399.00
 Revenue Source: 0800
 Agency Code: 4PGX01
 CB Designation: Restricted Research

Investigator: Dr. Sara G. McNeil, 050%
 Account: 1-5-52223
 Title: "Preparing Tomorrow's Teachers to Use Technology"
 Agency: U.S. Department of Education
 CFDA: 84.318 - Technology Literacy Challenge Fund Program
 Type of Support: Grant for research.
 Duration: 06/01/2000 to 05/31/2003
 Award Amount: \$ 187,825.00
 Revenue Source: 0500
 Agency Code: HEW100
 CB Designation: Restricted Research

Investigator: Dr. Melissa Pierson, 050%

Account: 1-5-52223
Title: "Preparing Tomorrow's Teachers to Use Technology"
Agency: U.S. Department of Education
CFDA: 84.318 - Technology Literacy Challenge Fund Program
Type of Support Grant for research.
Duration: 06/01/2000 to 05/31/2003
Award Amount: \$ 187,825.00
Revenue Source: 0500
Agency Code: HEW100
CB Designation: Restricted Research

Health and Human Performance

Investigator: Dr. Jill Bush, 050%
Account: 1-5-53205
Title: "The Use of Near-Infrared Spectroscopy (NIRS) as a Non-Invasive Measure of Muscle Vascular Function"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: N/A
Type of Support Cooperative agreement for research.
Duration: 06/01/2002 to 08/31/2002
Award Amount: \$ 5,575.00
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Restricted Research

Investigator: Dr. Mark Clarke, 050%
Account: 1-5-53205
Title: "The Use of Near-Infrared Spectroscopy (NIRS) as a Non-Invasive Measure of Muscle Vascular Function"
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: N/A
Type of Support Cooperative agreement for research.
Duration: 06/01/2002 to 08/31/2002
Award Amount: \$ 5,575.00
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Restricted Research

CULLEN COLLEGE OF ENGINEERING

Chemical Engineering

Investigator: Dr. Vemuri Balakotaiah, 100%
Account: 1-5-57836
Title: "Modeling and Analysis of Spatiotemporal Patterns in Homogeneous and Catalytic Reactions and Reactors"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Ramanan Krishnamoorti, 100%
Account: 1-5-53136
Title: "Graduate Student Researchers Program - "Carbon Nanotube Polymer Nanocomposites""
Agency: National Aeronautics and Space Administration - Johnson Space Center
CFDA: 43.001 - Aerospace Education Services Program
Type of Support Grant for scholarship/fellowship.
Duration: 08/01/2001 to 07/31/2003
Award Amount: \$ 24,000.00
Revenue Source: 0500
Agency Code: NAS300
CB Designation: Research

Investigator: Dr. Ramanan Krishnamoorti, 100%

Account: 1-5-57840
 Title: "Tailoring Crystallinity in Thin Polymer Films"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Dan Luss, 100%
 Account: 1-5-57788
 Title: "Temperature Patterns Formation and Dynamics in Shallow Packed Bed Reactors"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. James T. Richardson, 050%
 Account: 1-5-53722
 Title: "Improved Halogen Resistance of Catalytic Oxidation Through Efficient Catalyst Testing"
 Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 09/01/2001 to 08/31/2002
 Award Amount: \$ 23,701.50
 Revenue Source: 0600
 Agency Code: 1LAM10
 CB Designation: Restricted Research

Investigator: Dr. Richard C. Willson, 090%
 Account: 1-5-51691
 Title: "Competitive Ion-Exchange Absorption of Proteins"
 Agency: National Science Foundation
 CFDA: 47.074 - Biological Sciences
 Type of Support: Grant for research.
 Duration: 08/01/2001 to 07/31/2003
 Award Amount: \$ 80,939.70
 Revenue Source: 0500
 Agency Code: NSF000
 CB Designation: Restricted Research

Investigator: Dr. Richard C. Willson, 050%
 Account: 1-5-53722
 Title: "Improved Halogen Resistance of Catalytic Oxidation Through Efficient Catalyst Testing"
 Agency: Gulf Coast Hazardous Substance Research Center - Lamar University
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 09/01/2001 to 08/31/2002
 Award Amount: \$ 23,701.50
 Revenue Source: 0600
 Agency Code: 1LAM10
 CB Designation: Restricted Research

Investigator: Dr. Richard C. Willson, 100%
 Account: 1-5-57787
 Title: "Biophysical Chemistry of Biomolecular Recognition"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00

Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Center for Innovative Grouting Materials and Tech

Investigator: Dr. Cumaraswamy Vipulanandan, 100%
Account: 1-5-59339
Title: "Pipe Testing Program"
Agency: Various Private Profit Agencies
CFDA: N/A
Type of Support Contract for research.
Duration: 10/01/2001 to 09/30/2003
Award Amount: \$ 6,000.00
Revenue Source: 0800
Agency Code: 3VAR00
CB Designation: Restricted Research

Investigator: Dr. Cumaraswamy Vipulanandan, 100%
Account: 1-5-59844
Title: "Center for Innovative Grouting Materials and Technology"
Agency: Various Private Profit Agencies
CFDA: N/A
Type of Support Grant for research.
Duration: 11/01/1994 to 10/31/2003
Award Amount: \$ 9,000.00
Revenue Source: 0800
Agency Code: 3VAR00
CB Designation: Restricted Research

Electrical Engineering

Investigator: Dr. Betty J Barr, 025%
Account: 1-1-14075
Title: "Undergraduate Retention and Recruiting of ECE Students at the University of Houston"
Agency: Texas Higher Education Coordinating Board
CFDA: N/A
Type of Support Grant for research.
Duration: 03/01/2002 to 08/31/2003
Award Amount: \$ 81,627.75
Revenue Source: 0600
Agency Code: 1COR00
CB Designation: Research

Investigator: Dr. Frank J. Claydon, 025%
Account: 1-1-14075
Title: "Undergraduate Retention and Recruiting of ECE Students at the University of Houston"
Agency: Texas Higher Education Coordinating Board
CFDA: N/A
Type of Support Grant for research.
Duration: 03/01/2002 to 08/31/2003
Award Amount: \$ 81,627.75
Revenue Source: 0600
Agency Code: 1COR00
CB Designation: Research

Investigator: Dr. David R. Jackson, 050%
Account: 1-5-59910
Title: "EM Effects of Radiofrequency Pulses on Electronic Circuits and Systems"
Agency: University of Illinois at Chicago
CFDA: N/A
Type of Support Contract for research.
Duration: 06/15/2001 to 01/14/2003
Award Amount: \$ 56,100.00
Revenue Source: 0800
Agency Code: 7ILL00
CB Designation: Restricted Research

Investigator: Dr. Nicolaos Karayiannis, 100%
Account: 1-5-53719
Title: "Elastography: Clinical and Basic Science - Srinivasan"
Agency: University of Texas Health Science Center at Houston
CFDA: 93.394 - Cancer Detection and Diagnosis Research
Type of Support Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 23,186.00
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

Investigator: Dr. Periklis Y. Ktonas, 100%
Account: 1-5-53718
Title: "Elastography: Clinical and Basic Science-Raffaella Righetti"
Agency: University of Texas Health Science Center at Houston
CFDA: N/A
Type of Support Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 21,412.00
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

Investigator: Dr. Stuart A. Long, 025%
Account: 1-1-14075
Title: "Undergraduate Retention and Recruiting of ECE Students at the University of Houston"
Agency: Texas Higher Education Coordinating Board
CFDA: N/A
Type of Support Grant for research.
Duration: 03/01/2002 to 08/31/2003
Award Amount: \$ 81,627.75
Revenue Source: 0600
Agency Code: 1COR00
CB Designation: Research

Investigator: Dr. Haluk Ogmen, 050%
Account: 1-5-51693
Title: "Temporal Dynamics of Unconscious and Conscious Perception in Visual Processing"
Agency: National Science Foundation
CFDA: 47.074 - Biological Sciences
Type of Support Grant for research.
Duration: 09/01/2001 to 08/31/2003
Award Amount: \$ 36,416.50
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Investigator: Dr. Haluk Ogmen, 100%
Account: 1-5-53714
Title: "Magnetic Reasonance Imaging Studies-Bulent Dogan"
Agency: University of Texas Health Science Center at Houston
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
Type of Support Grant for research.
Duration: 04/15/2002 to 03/31/2003
Award Amount: \$ 14,916.00
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

Investigator: Dr. Shin Shem Pei, 010%
Account: 1-5-53201
Title: "Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy"
Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
CFDA: 43.A38 - Space Vacuum Epitaxy Center
Type of Support Cooperative agreement for research.

Duration: 10/15/2001 to 10/14/2002
 Award Amount: \$ 50,000.00
 Revenue Source: 0500
 Agency Code: NAS700
 CB Designation: Restricted Research

Investigator: Dr. David P. Shattuck, 025%
 Account: 1-1-14075
 Title: "Undergraduate Retention and Recruiting of ECE Students at the University of Houston"
 Agency: Texas Higher Education Coordinating Board
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 03/01/2002 to 08/31/2003
 Award Amount: \$ 81,627.75
 Revenue Source: 0600
 Agency Code: 1COR00
 CB Designation: Research

Investigator: Dr. Donald R. Wilton, 050%
 Account: 1-5-59910
 Title: "EM Effects of Radiofrequency Pulses on Electronic Circuits and Systems"
 Agency: University of Illinois at Chicago
 CFDA: N/A
 Type of Support: Contract for research.
 Duration: 06/15/2001 to 01/14/2003
 Award Amount: \$ 56,100.00
 Revenue Source: 0800
 Agency Code: 7ILL00
 CB Designation: Restricted Research

Industrial Engineering

Investigator: Dr. Lawrence J. H. Schulze, 100%
 Account: 1-5-53711
 Title: "Fogarty International Training Program"
 Agency: University of Texas Health Science Center at Houston
 CFDA: 93.989 - Senior International Fellowships
 Type of Support: Grant for research.
 Duration: 05/01/2002 to 04/30/2003
 Award Amount: \$ 26,168.00
 Revenue Source: 0600
 Agency Code: 1UTX11
 CB Designation: Restricted Research

Investigator: Dr. Lawrence J. H. Schulze, 050%
 Account: 1-5-53713
 Title: "Educational Support for Occupational Health and Safety Doctoral Students - Injury Prevention"
 Agency: University of Texas Health Science Center at Houston
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 07/01/2001 to 06/30/2002
 Award Amount: \$ 12,077.50
 Revenue Source: 0600
 Agency Code: 1UTX11
 CB Designation: Restricted Research

Mechanical Engineering

Investigator: Dr. Baburaj Eranezuth, 100%
 Account: 1-5-51856
 Title: "SGER: Synthesis and Consolidation of Nickel Aluminide Powder"
 Agency: National Science Foundation
 CFDA: 47.041 - Engineering Grants
 Type of Support: Grant for research.
 Duration: 05/01/2002 to 04/30/2003
 Award Amount: \$ 49,041.00
 Revenue Source: 0500
 Agency Code: NSF000

CB Designation: Research
Investigator: Dr. Kamel Salama, 100%
Account: 1-5-51112
Title: "Epitaxial Growth of Solution Based Buffer Layers on Biaxially Textured Metal Substrates for YBCO Coated Conductors"
Agency: U.S. Air Force Office of Scientific Research
CFDA: 93.853 - Clinical Research Related to Neurological Disorders
Type of Support Grant for research.
Duration: 07/01/2002 to 12/31/2002
Award Amount: \$ 12,620.00
Revenue Source: 0500
Agency Code: DOD101
CB Designation: Restricted Research

Investigator: Dr. Lewis T. Wheeler, 025%
Account: 1-5-59403
Title: "Scale-up of Ceramic Composite Components for Advanced Mining and Aerospace Applications"
Agency: Valvtechnologies, Inc.
CFDA: N/A
Type of Support Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 3VTI00
CB Designation: Restricted Research

Investigator: Dr. Kenneth W. White, 050%
Account: 1-5-52203
Title: "Microstructural Mechanisms Controlling the Fatigue Resistance of Non-Transforming Ceramics and Ceramic Composites"
Agency: U.S. Department of Energy-Oakland
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
Type of Support Grant for research.
Duration: 08/01/1996 to 07/31/2003
Award Amount: \$ 49,192.00
Revenue Source: 0500
Agency Code: DOE112
CB Designation: Research

Investigator: Dr. Kenneth W. White, 025%
Account: 1-5-59403
Title: "Scale-up of Ceramic Composite Components for Advanced Mining and Aerospace Applications"
Agency: Valvtechnologies, Inc.
CFDA: N/A
Type of Support Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 3VTI00
CB Designation: Restricted Research

Center for Reliability of Ceramics

Investigator: Dr. Lewis T. Wheeler, 025%
Account: 1-5-59403
Title: "Scale-up of Ceramic Composite Components for Advanced Mining and Aerospace Applications"
Agency: Valvtechnologies, Inc.
CFDA: N/A
Type of Support Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 3VTI00
CB Designation: Restricted Research

Investigator: Dr. Kenneth W. White, 050%

Account: 1-5-52203
Title: "Microstructural Mechanisms Controlling the Fatigue Resistance of Non-Transforming Ceramics and Ceramic Composites"
Agency: U.S. Department of Energy-Oakland
CFDA: 81.049 - Office of Energy Research Financial Assistance Program
Type of Support Grant for research.
Duration: 08/01/1996 to 07/31/2003
Award Amount: \$ 49,192.00
Revenue Source: 0500
Agency Code: DOE112
CB Designation: Research

Investigator: Dr. Kenneth W. White, 025%
Account: 1-5-59403
Title: "Scale-up of Ceramic Composite Components for Advanced Mining and Aerospace Applications"
Agency: Valvtechnologies, Inc.
CFDA: N/A
Type of Support Grant for research.
Duration: 01/01/2000 to 12/31/2002
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 3VTI00
CB Designation: Restricted Research

Composites Engineering and Applications Center

Investigator: Dr. Su Su Wang, 100%
Account: 1-5-59822
Title: "Composites Engineering and Applications Center for Petroleum Exploration and Production"
Agency: Various Private Profit Agencies
CFDA: N/A
Type of Support Grant for research.
Duration: 03/01/1994 to 08/31/2003
Award Amount: \$ 20,000.00
Revenue Source: 0800
Agency Code: 3VAR00
CB Designation: Restricted Research

HONORS COLLEGE

Honors College

Investigator: Dr. Paul Cooke, 100%
Account: 1-5-57383
Title: "Houston Teacher's Institute - Implementation Grant"
Agency: Yale University
CFDA: N/A
Type of Support Grant for research.
Duration: 01/01/1999 to 02/28/2003
Award Amount: \$ 34,607.00
Revenue Source: 0800
Agency Code: 7YAL00
CB Designation: Research

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Communication Disorders

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: N/A
Type of Support Grant for research.
Duration: 01/01/2001 to 12/31/2002
Award Amount: \$ 15,496.00
Revenue Source: 0800

Agency Code: 4UWAY4
CB Designation: Non Research

Political Science

Investigator: Dr. Susan Collins, 100%
Account: 1-5-51333
Title: "Aristotle's Moral Order: From Courage to Justice in the Nicomachean Ethics"
Agency: National Association of Scholars
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 49,495.14
Revenue Source: 0800
Agency Code: 6NAS00
CB Designation: Restricted Research

Psychology

Investigator: Dr. Bruno G. Breitmeyer, 050%
Account: 1-5-51693
Title: "Temporal Dynamics of Unconscious and Conscious Perception in Visual Processing"
Agency: National Science Foundation
CFDA: 47.074 - Biological Sciences
Type of Support: Grant for research.
Duration: 09/01/2001 to 08/31/2003
Award Amount: \$ 36,416.50
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Investigator: Dr. David J. Francis, 020%
Account: 1-5-56657
Title: "Spina Bifida: Cognitive and Neuropsychological Variability - Core C"
Agency: University of Texas Health Science Center at Houston
CFDA: 93.865 - Center for Research for Mothers and Children
Type of Support: Contract for research.
Duration: 03/01/2002 to 02/28/2003
Award Amount: \$ 44,257.00
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

Investigator: Dr. Lois E. Tetrick, 100%
Account: 1-5-51282
Title: "Occupational Health Psychology Practicum"
Agency: University of Texas Health Science Center at Houston
CFDA: N/A
Type of Support: Contract for research.
Duration: 05/01/2001 to 06/30/2002
Award Amount: \$ 9,183.04
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Non Research

Investigator: Dr. Lois E. Tetrick, 050%
Account: 1-5-53713
Title: "Educational Support for Occupational Health and Safety Doctoral Students - Injury Prevention"
Agency: University of Texas Health Science Center at Houston
CFDA: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 12,077.50
Revenue Source: 0600
Agency Code: 1UTX11
CB Designation: Restricted Research

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Dean, Natural Sciences and Mathematics

Investigator: Dr. B. Montgomery Pettitt, 025%
Account: 1-5-57437
Title: "National Partnership for Advanced Computational Infrastructures:
Molecular Science"
Agency: University of California - San Diego
CFDA: N/A
Type of Support: Cooperative agreement for research.
Duration: 10/01/1999 to 09/30/2002
Award Amount: \$ 12,000.00
Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Restricted Research

Institute for Molecular Design

Investigator: Dr. Xiaolian Gao, 050%
Account: 1-5-57802
Title: "Light Directed combinatorial Synthesis and Organic Molecules on Chip"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 25,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 050%
Account: 1-5-57812
Title: "Structural Theory of Aqueous Electrolyte Solutions"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 27,500.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Biology/Biochemistry

Investigator: Dr. Michael J. Benedik, 050%
Account: 1-5-57786
Title: "Quaternary Structure Contributions to Enzyme Catalysis: A DoDecameric
Cyandriase"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2005
Award Amount: \$ 25,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. James M. Briggs, 100%
Account: 1-5-57843
Title: "Prediction of Metal Ion Binding Sites in RNA Structures"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Gregory M. Cahill, 100%
Account: 1-5-55422
Title: "Analysis of Vertebrate Circadian Clocks Using Bioluminescence Rhythms in Transgenic Zebrafish"
Agency: Life Sciences Research Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2001 to 05/31/2004
Award Amount: \$ 80,000.00
Revenue Source: 0800
Agency Code: 6LSR00
CB Designation: Restricted Research

Investigator: Dr. Costa M. Colbert, 100%
Account: 1-5-50182
Title: "Cellular Mechanisms of Information Processing in Neurons"
Agency: National Institute of Neurological Disorders and Stroke
CFDA: 93.854 - Biological Basis Research in the Neurosciences
Type of Support: Grant for research.
Duration: 09/01/1998 to 06/30/2003
Award Amount: \$ 106,047.00
Revenue Source: 0500
Agency Code: HEW411
CB Designation: Restricted Research

Investigator: Dr. Anne Delcour, 100%
Account: 1-5-50013
Title: "Molecular Properties and Modulation of Bacterial Porins"
Agency: National Institute of Allergy and Infectious Diseases
CFDA: 93.856 - Microbiology and Infectious Diseases Research
Type of Support: Grant for research.
Duration: 07/01/1999 to 06/30/2003
Award Amount: \$ 224,513.00
Revenue Source: 0500
Agency Code: HEW405
CB Designation: Restricted Research

Investigator: Dr. Stuart E. Dryer, 100%
Account: 1-5-58674
Title: "Role of Target-derived Factors in Ion Channel Expression"
Agency: Alberta Heritage Foundation for Medical Research
CFDA: N/A
Type of Support: Grant for research.
Duration: 05/16/2000 to 05/15/2003
Award Amount: \$ 1,862.19
Revenue Source: 0800
Agency Code: 6ALB00
CB Designation: Restricted Research

Investigator: Dr. George E. Fox, 090%
Account: 1-5-53206
Title: "The Origins of Translation and Early Life"
Agency: National Aeronautics and Space Administration - Goddard Space Flight Center
CFDA: 43.001 - Aerospace Education Services Program
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 100,081.80
Revenue Source: 0500
Agency Code: NAS600
CB Designation: Restricted Research

Investigator: Dr. George E. Fox, 100%
Account: 1-5-57804
Title: "Noncanonical Base-Base Interactions in Synthetic RNAs"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00

Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Susan Hardin, 100%
 Account: 1-5-57789
 Title: "Structural Chemistry of Non-B DNA Templates Recognized by DNA Polymerase"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Kurt Krause, 100%
 Account: 1-5-57824
 Title: "Structural Studies on the Chemical Mechanism of Nucleases"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Susan Anne Martinis, 100%
 Account: 1-5-57811
 Title: "Molecular Characterization of an RNA Co-Factor For Enzyme Catalysis"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Christus Stathopoulos, 100%
 Account: 1-5-57766
 Title: "Post-Translational Chemical Modifications and Structure of a Secreted Polypeptide"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Shiao-Chun Tu, 100%
 Account: 1-5-57828
 Title: "Mechanism of Chemical and Biochemical Redox Systems"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Shiao-Chun Tu, 095%
 Account: 1-5-50034
 Title: "Structure and Mechanism of Flavoprotein Hydroxylases"
 Agency: National Institutes of Health

CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry Research
Type of Support Grant for research.
Duration: 07/01/2000 to 06/30/2003
Award Amount: \$ 266,237.50
Revenue Source: 0500
Agency Code: HEW040
CB Designation: Restricted Research

Investigator: Dr. William R. Widger, 100%
Account: 1-5-57820
Title: "Characterization of the Fre Radical Production by NADH: Ubiquinone Oxidoreductase"

Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Institute for Molecular Biology

Investigator: Dr. Michael J. Benedik, 050%
Account: 1-5-57786
Title: "Quaternary Structure Contributions to Enzyme Catalysis: A DoDecameric Cyandriase"

Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support Grant for research.
Duration: 06/01/2002 to 05/31/2005
Award Amount: \$ 25,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. George E. Fox, 010%
Account: 1-5-53206
Title: "The Origins of Translation and Early Life"
Agency: National Aeronautics and Space Administration - Goddard Space Flight Center

CFDA: 43.001 - Aerospace Education Services Program
Type of Support Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 11,120.20
Revenue Source: 0500
Agency Code: NAS600
CB Designation: Restricted Research

Investigator: Dr. Shiao-Chun Tu, 005%
Account: 1-5-50034
Title: "Structure and Mechanism of Flavoprotein Hydroxylases"
Agency: National Institutes of Health
CFDA: 93.859 - Pharmacology, Physiology, and Biological Chemistry Research
Type of Support Grant for research.
Duration: 07/01/2000 to 06/30/2003
Award Amount: \$ 14,012.50
Revenue Source: 0500
Agency Code: HEW040
CB Designation: Restricted Research

Investigator: Dr. Richard C. Willson, 010%
Account: 1-5-51691
Title: "Competitive Ion-Exchange Absorption of Proteins"
Agency: National Science Foundation
CFDA: 47.074 - Biological Sciences
Type of Support Grant for research.
Duration: 08/01/2001 to 07/31/2003
Award Amount: \$ 8,993.30
Revenue Source: 0500

Agency Code: NSF000
CB Designation: Restricted Research

Chemistry

Investigator: Dr. Thomas A. Albright, 100%
Account: 1-5-57767
Title: "Dynamics of New Materials"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Steven Baldelli, 100%
Account: 1-5-51332
Title: "The Orientation of Room Temperature Ionic Liquids at the Solid-Liquid Interface Studied With Electrochemical and Nonlinear Optical Techniques"
Agency: Petroleum Research Fund
CFDA: N/A
Type of Support: Grant for research.
Duration: 09/01/2002 to 08/31/2004
Award Amount: \$ 35,000.00
Revenue Source: 0800
Agency Code: 4PRF00
CB Designation: Restricted Research

Investigator: Dr. Steven Baldelli, 100%
Account: 1-5-57765
Title: "Surface Chemistry of Room Temperature Ionic Liquids"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. John L. Bear, 100%
Account: 1-5-57794
Title: "Structure-Reactivity Relationship in Dirhodium Complexes"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Ivan Bernal, 100%
Account: 1-5-57720
Title: "Hydrolytic Cleavage of the Peptide Linkage: Applications to Protein Sequencing"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 55,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Eric R. Bittner, 100%
Account: 1-5-57816
Title: "Quantum Simulations of Polymer Light Emitting Diodes"

Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Chengzhi Cai, 100%
Account:	1-5-57842
Title:	"DENDRIMER END-CAPPED OLIGOPHENYLENES"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Edwin Carrasquillo-Mo, 100%
Account:	1-5-57793
Title:	"Rovibrationally Resolved Collisional Relaxation and Spectroscopic Probes of Triatomic Molecules at Very High Vibrational Excitation"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Roman Czernuszewicz, 100%
Account:	1-5-57771
Title:	"Vibrational Studies on Drug-Nucleic Acid Interactions"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Xiaolian Gao, 050%
Account:	1-5-57802
Title:	"Light Directed combinatorial Synthesis and Organic Molecules on Chip"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 25,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Arnold M. Guloy, 100%
Account:	1-5-57803
Title:	"Synthesis, Characterization and Properties of Functional Low-Dimensional Hybrid Compounds"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research

Investigator: Dr. Shiv Halasyamani, 100%
 Account: 1-5-57792
 Title: "Synthesis and Characterization of New Electro-Photonic Oxides"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Anthony D. Haymet, 100%
 Account: 1-5-57772
 Title: "Chemical Reactions at the Ice/Water Interface"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. David M. Hoffman, 100%
 Account: 1-5-57822
 Title: "Synthesis of Transition Metal Amide Complexes"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Alex Ignatiev, 025%
 Account: 1-5-57835
 Title: "The Chemical Interaction of Adsorbed Molecular and Atomic Species with Surfaces"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 12,500.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Allan J. Jacobson, 050%
 Account: 1-5-57834
 Title: "Synthesis and Transport Studies of Mixed Electron-Proton Conducting Oxides"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 26,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Karl M. Kadish, 100%
 Account: 1-5-57823
 Title: "Electrochemistry and Spectroelectrochemistry of Compounds With Multiple Redox Centers"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support: Grant for research.

Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Larry Kevan, 085%
 Account: 1-5-52220
 Title: "Photoinduced Charge Separation in Microheterogeneous Media"
 Agency: U.S. Department of Energy-Oakland
 CFDA: 81.117 - Energy Efficiency and Renewable Energy Information
 Dissemination, Outreach, Training and Technical Analysis/Assistance
 Type of Support Grant for research.
 Duration: 02/15/2000 to 02/14/2003
 Award Amount: \$ 110,500.00
 Revenue Source: 0500
 Agency Code: DOE112
 CB Designation: Restricted Research

Investigator: Dr. Larry Kevan, 060%
 Account: 1-5-57775
 Title: "Transition Metal Ion and Metal Oxide Film Incorporation Into Mesoporous
 Materials"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 33,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Jay K. Kochi, 100%
 Account: 1-5-57776
 Title: "Donor-Acceptor Systems in the Organic Solid State as Nonlinear Optical
 Materials"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 52,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Donald J. Kouri, 050%
 Account: 1-5-57777
 Title: "Chemical Dynamics and the Inverse Scattering Problem"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 30,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. T. Randall Lee, 100%
 Account: 1-5-57781
 Title: "Structure and Properties of Self-Assembled Monolayers Derived from
 Dithiocarboxylate Salts"
 Agency: Robert A. Welch Foundation
 CFDA: N/A
 Type of Support Grant for research.
 Duration: 06/01/2002 to 05/31/2003
 Award Amount: \$ 50,000.00
 Revenue Source: 0800
 Agency Code: 6WEL00
 CB Designation: Restricted Research

Investigator: Dr. Scott S. Perry, 100%
Account: 1-5-51113
Title: "Fundamental Investigations of the Tribological Properties of Biological Interfaces"
Agency: U.S. Air Force Office of Scientific Research
CFDA: 12.800 - Air Force Defense Research Sciences Program
Type of Support: Grant for research.
Duration: 06/15/2002 to 06/14/2003
Award Amount: \$ 179,159.00
Revenue Source: 0500
Agency Code: DOD101
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 025%
Account: 1-5-57437
Title: "National Partnership for Advanced Computational Infrastructures: Molecular Science"
Agency: University of California - San Diego
CFDA: N/A
Type of Support: Cooperative agreement for research.
Duration: 10/01/1999 to 09/30/2002
Award Amount: \$ 12,000.00
Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Restricted Research

Investigator: Dr. B. Montgomery Pettitt, 050%
Account: 1-5-57812
Title: "Structural Theory of Aqueous Electrolyte Solutions"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 27,500.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. J. Wayne Rabalais, 100%
Account: 1-5-57817
Title: "Ion Surface Charge Exchange as a Probe of Local Surface Electronic Structure"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Investigator: Dr. Randolph P. Thummel, 100%
Account: 1-5-57783
Title: "Ligands Containing Pyridine and Pyrrole"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

Computer Science

Investigator: Dr. Barbara M. Chapman, 100%
Account: 1-5-57436
Title: "NCSA Load Balanced MPI/OpenMP Multiblock Community Code"
Agency: University of Illinois at Chicago
CFDA: 47.070 - Computer and Information Science and Engineering (CISE)

Type of Support Grant for research.
Duration: 10/01/1999 to 10/31/2002
Award Amount: \$ 30,000.00
Revenue Source: 0800
Agency Code: 7ILL00
CB Designation: Restricted Research

Investigator: Dr. S. Lennart Johnsson, 050%
Account: 1-5-57349
Title: "Scalable Scientific Software Libraries"
Agency: University of Illinois at Chicago
CFDA: 47.070 - Computer and Information Science and Engineering (CISE)
Type of Support Cooperative agreement for research.
Duration: 10/01/1997 to 09/30/2002
Award Amount: \$ 25,000.00
Revenue Source: 0800
Agency Code: 7ILL00
CB Designation: Restricted Research

Investigator: Dr. S. Lennart Johnsson, 025%
Account: 1-5-57438
Title: "National Partnership for Advanced Computational Infrastructures: Data Intensive Computer Environment"
Agency: University of California - San Diego
CFDA: 47.070 - Computer and Information Science and Engineering (CISE)
Type of Support Cooperative agreement for research.
Duration: 10/01/1999 to 09/30/2002
Award Amount: \$ 12,500.00
Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Research

Investigator: Dr. B. Montgomery Pettitt, 025%
Account: 1-5-57437
Title: "National Partnership for Advanced Computational Infrastructures: Molecular Science"
Agency: University of California - San Diego
CFDA: N/A
Type of Support Cooperative agreement for research.
Duration: 10/01/1999 to 09/30/2002
Award Amount: \$ 12,000.00
Revenue Source: 0800
Agency Code: 7CAL60
CB Designation: Restricted Research

Geosciences

Investigator: Dr. Peter Copeland, 100%
Account: 1-5-51805
Title: "Collaborative Research: A Test of the Out-of-sequence Model for the Main Central Thrust, Western Nepal"
Agency: National Science Foundation
CFDA: 47.050 - Geosciences
Type of Support Grant for research.
Duration: 08/01/2002 to 07/31/2004
Award Amount: \$ 39,618.00
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Investigator: Dr. Donald VanNieuwenhuse, 100%
Account: 1-5-51336
Title: "Graphic Correlation and High-Resolution Stratigraphy of the AV153-#1, AV63-1/ST1, and AV63-1/ST2 Wells"
Agency: AGIP Petroleum Co.
CFDA: N/A
Type of Support Contract for research.
Duration: 06/01/2002 to 08/01/2002
Award Amount: \$ 16,860.00
Revenue Source: 0800

Agency Code: 3ENI00
CB Designation: Restricted Research

Mathematics

Investigator: Dr. Edward J. Dean, 033%
Account: 1-5-51871
Title: "Numerical Simulation of Complex Incompressible Viscous Flow in Time Varying Geometries: Applications"
Agency: National Science Foundation
CFDA: 47.049 - Mathematical and Physical Sciences
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 40,568.22
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Investigator: Dr. Roland Glowinski, 034%
Account: 1-5-51871
Title: "Numerical Simulation of Complex Incompressible Viscous Flow in Time Varying Geometries: Applications"
Agency: National Science Foundation
CFDA: 47.049 - Mathematical and Physical Sciences
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 41,797.56
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Investigator: Dr. Yuri Kuznetsov, 100%
Account: 1-5-59128
Title: "Numerical Simulation of Backscatte Ring Waves Using Macro-Hybrid Finite Element Methods"
Agency: Dassault Aviation
CFDA: N/A
Type of Support: Contract for research.
Duration: 12/01/1999 to 12/31/2002
Award Amount: \$ 10,000.00
Revenue Source: 0800
Agency Code: 3DAS00
CB Designation: Restricted Research

Investigator: Dr. Tsorng-Whay Pan, 033%
Account: 1-5-51871
Title: "Numerical Simulation of Complex Incompressible Viscous Flow in Time Varying Geometries: Applications"
Agency: National Science Foundation
CFDA: 47.049 - Mathematical and Physical Sciences
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 40,568.22
Revenue Source: 0500
Agency Code: NSF000
CB Designation: Restricted Research

Physics

Investigator: Dr. Edgar A. Bering, 100%
Account: 1-5-51863
Title: "Collaborative Research to Study Polar Electrodynamics Using the 2002-2003: Polar Patrol Balloons"
Agency: National Science Foundation
CFDA:
Type of Support: Grant for research.
Duration: 06/15/2002 to 05/31/2005
Award Amount: \$ 216,254.00
Revenue Source: 0500
Agency Code: NSF000

CB Designation: Restricted Research

 Investigator: Dr. Edgar A. Bering, 100%
 Account: 1-5-59305
 Title: "Polar Patrol Balloon Electric Field Experiment"
 Agency: National Institute of Polar Research
 CFDA: N/A
 Type of Support Contract for research.
 Duration: 03/01/2002 to 12/31/2003
 Award Amount: \$ 39,344.00
 Revenue Source: 0800
 Agency Code: 4NIPRO
 CB Designation: Restricted Research

Investigator: Dr. Pen-Chu Chou, 015%
 Account: 1-5-59095
 Title: "Development of MOCVD Coated Conductor HTS Wire"
 Agency: Metal Oxide Technologies Inc.
 CFDA: N/A
 Type of Support Contract for research.
 Duration: 10/15/2000 to 10/31/2002
 Award Amount: \$ 10,500.00
 Revenue Source: 0800
 Agency Code: 3MET00
 CB Designation: Restricted Research

Investigator: Dr. Gemunu H. Gunaratne, 100%
 Account: 1-5-51869
 Title: "Invariant Characteristics of Networks and Patterns and Their Applications"
 Agency: National Science Foundation
 CFDA: 47.049 - Mathematical and Physical Sciences
 Type of Support Grant for research.
 Duration: 07/01/2002 to 06/30/2003
 Award Amount: \$ 78,000.00
 Revenue Source: 0500
 Agency Code: NSF000
 CB Designation: Restricted Research

Investigator: Dr. Ed V. Hungerford, 100%
 Account: 1-5-51284
 Title: "Prototyping the Tracking Chamber, Front-End Electronics, and the Data Acquisition System (MECO R&D)"
 Agency: University of California - Irvine
 CFDA: 47.049 - Mathematical and Physical Sciences
 Type of Support Contract for research.
 Duration: 05/01/2001 to 04/30/2003
 Award Amount: \$ 23,500.00
 Revenue Source: 0800
 Agency Code: 7CAL80
 CB Designation: Restricted Research

Investigator: Dr. Alex Ignatiev, 010%
 Account: 1-5-53201
 Title: "Promote Commercially Funded Research and Development in the Field of Space Vacuum Epitaxy"
 Agency: National Aeronautics and Space Administration - Marshall Space Flight Center
 CFDA: 43.A38 - Space Vacuum Epitaxy Center
 Type of Support Cooperative agreement for research.
 Duration: 10/15/2001 to 10/14/2002
 Award Amount: \$ 50,000.00
 Revenue Source: 0500
 Agency Code: NAS700
 CB Designation: Restricted Research

Investigator: Dr. Alex Ignatiev, 025%
 Account: 1-5-57835
 Title: "The Chemical Interaction of Adsorbed Molecular and Atomic Species with Surfaces"
 Agency: Robert A. Welch Foundation

CFDA:	43.A38 - Space Vacuum Epitaxy Center
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 12,500.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Donald J. Kouri, 025%
Account:	1-5-57777
Title:	"Chemical Dynamics and the Inverse Scattering Problem"
Agency:	Robert A. Welch Foundation
CFDA:	47.070 - Computer and Information Science and Engineering (CISE)
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 15,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. John H. Miller, 050%
Account:	1-5-57841
Title:	"Novel Applications of High-Tc Superconducting Sensors"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 25,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Lawrence S. Pinsky, 050%
Account:	1-5-53149
Title:	"Analysis of Data from the Mars Odyssey MARIE Experiment"
Agency:	National Aeronautics and Space Administration - Johnson Space Center
CFDA:	43.001 - Aerospace Education Services Program
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2004
Award Amount:	\$ 15,812.50
Revenue Source:	0500
Agency Code:	NAS300
CB Designation:	Restricted Research
Investigator:	Dr. Wu-Pei Su, 100%
Account:	1-5-57782
Title:	"A Real Space Approach to the X-Ray Phase Problem"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Chin-Sen Ting, 100%
Account:	1-5-57825
Title:	"Theoretical Study of Superconductivity in Copper Oxide Based Compounds"
Agency:	Robert A. Welch Foundation
CFDA:	N/A
Type of Support	Grant for research.
Duration:	06/01/2002 to 05/31/2003
Award Amount:	\$ 50,000.00
Revenue Source:	0800
Agency Code:	6WEL00
CB Designation:	Restricted Research
Investigator:	Dr. Roy Weinstein, 100%

Account: 1-5-57833
Title: "Chemical Pinning Centers to Improve High Tc Superconducting Materials"
Agency: Robert A. Welch Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 06/01/2002 to 05/31/2003
Award Amount: \$ 50,000.00
Revenue Source: 0800
Agency Code: 6WEL00
CB Designation: Restricted Research

COLLEGE OF OPTOMETRY

Optometry

Investigator: Dr. Raymond A. Applegate, 100%
Account: 1-5-50100
Title: "Aberrations of Eyes in Normal and Clinical Populations"
Agency: National Eye Institute
CFDA: 93.867 - Vision Research
Type of Support: Grant for research.
Duration: 03/01/2002 to 02/28/2003
Award Amount: \$ 170,954.53
Revenue Source: 0500
Agency Code: HEW402
CB Designation: Restricted Research

Investigator: Dr. Yuzo M. Chino, 100%
Account: 1-5-50248
Title: "Amblyopia"
Agency: National Eye Institute
CFDA: 93.867 - Vision Research
Type of Support: Grant for research.
Duration: 04/01/1994 to 11/30/1998
Award Amount: \$ 19,356.62
Revenue Source: 0500
Agency Code: HEW402
CB Designation: Restricted Research

Investigator: Dr. Ruth E. Manny, 100%
Account: 1-5-55426
Title: "CLEERE: Collaborative Longitudinal Evaluation of Ethnicity and Refractive Error"
Agency: Ohio State University Research Foundation
CFDA: N/A
Type of Support: Grant for research.
Duration: 07/01/2001 to 06/30/2002
Award Amount: \$ 36,078.00
Revenue Source: 0800
Agency Code: 6OSU04
CB Designation: Restricted Research

COLLEGE OF PHARMACY

Pharmacological and Pharmaceutical Sciences

Investigator: Dr. Karim A. Alkadhi, 100%
Account: 1-5-59300
Title: "Inhibition of Long-Term Potentiation (LTP) In Sympathetic Ganglia: A New Target For Therapy of Hypertension"
Agency: American Heart Association - Texas Affiliate
CFDA: N/A
Type of Support: Grant for research.
Duration: 07/01/2002 to 06/30/2003
Award Amount: \$ 62,000.00
Revenue Source: 0800
Agency Code: 4AHA10
CB Designation: Restricted Research

SOURCE OF FUNDS	FISCAL YEAR 2002		FISCAL YEAR 2001	
	CURRENT MONTH	CUMULATIVE TOTAL	CURRENT MONTH	CUMULATIVE TOTAL
Federal	\$ 3,298,494.15	\$31,351,710.19	\$2,595,558.00	\$26,965,245.08
State	\$751,219.04	\$16,792,161.75	\$189,176.56	\$6,859,223.23
Local	\$20,000.00	\$447,700.50	\$0.00	\$435,568.00
Other	\$3,142,776.33	\$16,735,530.31	\$1,642,883.47	\$15,186,480.80
TOTAL CURRENT MONTH	\$7,212,489.52	\$65,327,102.75	\$4,427,618.03	\$49,446,517.11