
*Contract & Grant Awards Report FY98* is published by the Office of Research Services under the direction of the Associate Provost for Research/Dean of Graduate Studies.

Office of Research Services  
The University of New Mexico  
Scholes Hall, Room 102  
Albuquerque, NM 87131

505/277-2256  
email: ors@unm.edu  
World Wide Web: http://www.unm.edu/~ors
I am pleased to release Contract and Grant Awards FY98, which lists contract and grant (C & G) awards received by the University of New Mexico (UNM) during the period from July 1, 1997 - June 30, 1998. These awards represent new funds that were acquired during FY98 by the main campus, branch campuses and education centers and the Health Sciences Center (HSC). The HSC includes the School of Medicine, College of Nursing and College of Pharmacy.

The awards received for FY98 total $175.8M, of which $121.3M is attributed to the main campus. These awards assist in providing resources that are necessary to improve the quality of research and teaching at UNM. They also enhance the opportunities for students to be trained in state-of-the-art laboratories in a variety of disciplines. During FY98, $5.5M was paid to 540 graduate students for research assistantships.

We have expanded the detail of this report with respect to the Strategic Research Centers: Center for Alcohol, Substance Abuse and Addictions (CASAA), Center for High Technology Materials (CHTM), Center for Micro-Engineered Materials (CMEM) and High Performance Computing Education and Research Center (HPCERC). Principal investigators listed under these centers who hold faculty appointments appear with a superscript to acknowledge their department affiliation(s). The superscript assignments are noted on the following page.

Please join me in thanking our dedicated faculty, staff and students involved in the research, public service and instruction efforts at UNM. It is their successful endeavors that enhance UNM’s visibility at the national and international levels, as well as contribute to the economic growth of New Mexico and the region. Thanks are also due to a number of individuals who have helped in preparing this report. In particular, I would like to acknowledge the efforts of Denise Wallen, Ann Powell and Valerie Roybal of the Office of Research Services, and Marcia Sletten and Virginia Henning of the Health Sciences Center.

As always, I welcome your comments and questions with respect to this annual report, and other issues related to research activities at UNM.

Nasir Ahmed, Presidential Professor
Interim Associate Provost for Research/Dean of Graduate Studies
1 Chemical and Nuclear Engineering
2 Civil Engineering
3 Computer Science
4 Electrical and Computer Engineering
5 Mechanical Engineering
6 Chemistry
7 Communication and Journalism
8 Mathematics and Statistics
9 Physics and Astronomy
10 Psychology
11 Sociology
12 Cell Biology and Physiology
STATISTICS SUMMARY
Contract and Grant Awards and Funding Sources FY98

Table 1a
<table>
<thead>
<tr>
<th>Total C&amp;G Awards</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total C&amp;G Awards: UNM</td>
<td>$175.8M</td>
</tr>
<tr>
<td>Total C&amp;G Awards: Main Campus</td>
<td>$121.3M (69%)</td>
</tr>
<tr>
<td>Total C&amp;G Awards: HSC</td>
<td>$54.5M (31%)</td>
</tr>
</tbody>
</table>

Table 1b
<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (UNM)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[Total: $175.8M]</td>
</tr>
<tr>
<td>Foundations</td>
<td>2%</td>
</tr>
<tr>
<td>Federal</td>
<td>61%</td>
</tr>
<tr>
<td>Industry</td>
<td>8%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>4%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>13%</td>
</tr>
<tr>
<td>Other</td>
<td>12%</td>
</tr>
</tbody>
</table>

Table 1c
<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (Main Campus)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[Total: $121.3M]</td>
</tr>
<tr>
<td>Foundations</td>
<td>3%</td>
</tr>
<tr>
<td>Federal</td>
<td>63%</td>
</tr>
<tr>
<td>Industry</td>
<td>4%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>6%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>12%</td>
</tr>
<tr>
<td>Other</td>
<td>12%</td>
</tr>
</tbody>
</table>

Table 1d
<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (HSC)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[Total: $54.5M]</td>
</tr>
<tr>
<td>Foundations</td>
<td>2%</td>
</tr>
<tr>
<td>Federal</td>
<td>56%</td>
</tr>
<tr>
<td>Industry</td>
<td>16%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>15%</td>
</tr>
<tr>
<td>Other</td>
<td>11%</td>
</tr>
</tbody>
</table>
TABLE OF CONTENTS

Colleges and Schools

Anderson Schools of Management ..............................................9
  School of Public Administration ............................................9
  Water Resources Administration Program ..............................9

School of Architecture and Planning .........................................9

College of Arts and Sciences ....................................................9
  Anthropology ......................................................................9
  Biology ...........................................................................10
  Chemistry ........................................................................13
  Communication and Journalism ...........................................14
  Earth and Planetary Sciences .............................................14
  Economics ..........................................................................15
  Foreign Languages and Literatures ......................................16
  Geography .........................................................................16
  History ............................................................................16
  Institute of Meteoritics .....................................................16
  Linguistics .........................................................................16
  Mathematics and Statistics ...............................................16
  Maxwell Museum of Anthropology .......................................17
  Office of Contract Archeology ............................................17
  Physics and Astronomy .....................................................18
  Political Science/Institute of Public Policy ............................19
  Psychology ..........................................................................20
  Sociology/Institute for Social Research ...............................20
  Speech and Hearing Sciences ............................................21

Division of Continuing Education and Community Services ...21

College of Education .............................................................21
  Educational Leadership and Organizational Learning ...........22
  Educational Specialties ........................................................23
  Family Development Program .............................................23
  Individual, Family and Community Education ....................24
  Language, Literacy and Sociocultural Studies .....................24
  Physical Performance and Development ..............................24
  Teacher Education ............................................................24

School of Engineering ............................................................25
  Alliance for Transportation Research ..................................26
  Chemical and Nuclear Engineering ......................................26
  Civil Engineering .............................................................28
  Computer Science .............................................................29
  Electrical and Computer Engineering ..................................30
  Institute for Space Nuclear Power Studies .........................31
  Manufacturing Engineering and Industrial Relations ..........31
  Mechanical Engineering ....................................................31
  New Mexico Engineering Research Institute ......................32

College of Fine Arts ...............................................................34
  Theatre and Dance ............................................................34

School of Law ..........................................................................34
  Institute of Public Law ........................................................34

School of Medicine ..................................................................34
  Assistant Dean – AH EC Programs .....................................35
  Assistant Dean – Student Affairs and Admissions .................35
  Associate Dean – Cultural Ethnic Programs .........................35
  Center for Non-Invasive Diagnosis .......................................35
  Center for Population Health ..............................................35
  Clinical Research Center ....................................................36
  Continuing Medical Education ............................................36
  Department of Biochemistry and Molecular Biology ............36
  Department of Cell Biology and Physiology .........................36
  Department of Emergency Medicine ....................................37
  Department of Family and Community Medicine ................37
  Department of Medicine ....................................................39
  Department of Molecular Genetics and Microbiology ..........41
  Department of Neurology ..................................................41
  Department of Neurosciences .............................................42
  Department of Obstetrics and Gynecology ............................42
  Department of Orthopaedics .............................................42
  Department of Pathology ...................................................42
  Department of Pediatrics .....................................................43
  Department of Psychiatry .....................................................46
  Department of Radiology .....................................................47
  Department of Surgery .......................................................47
  Health Plan Development and Relations ...............................48
  Longitudinal Evaluation Program ........................................48
  Medical Lab Sciences Program ..........................................48
  Minority Biomedical Sciences Graduate Program ................48
  New Mexico Scientific Lab Division ....................................48
  Office of the Dean ..............................................................48
  Office of the Medical Investigator .......................................48

College of Nursing .................................................................48

College of Pharmacy ...............................................................49

Branches and Education Centers

Gallup Branch .........................................................................49
Los Alamos Branch ..................................................................50
Los Alamos Graduate Center .................................................50
Taos Education Center ...........................................................50
Valencia Branch ......................................................................51

Centers, Institutes and Others

Academic Affairs .....................................................................51
Associate Provost for Research ..............................................51
COLLEGES AND SCHOOLS

Anderson Schools of Management
Suleiman Kassicieh
Sandia National Laboratories $6,900
Technology Assessments and Business Planning for Sandia Technology Transfer

Howard Smith
Council of Energy Resources Tribes $109,168
Tribes 1998

School of Public Administration
Bruce Perlman
Sandia National Laboratories $70,122
Framework 2000

Water Resources Administration Program
Michael Campana
Desert Research Institute $6,200
A Multi-Level Approach to Modeling Ground and Surface Water Exchange in Agriculture Dominated Settings

Michael Campana/Olen Matthews
National Oceanic and Atmospheric Administration $15,000
Sustainable Water Resources Development in New Mexico and the Rio Grande Basin

School of Architecture and Planning
Mark Childs
Friends of the Farmers' Market, Inc. $9,500
Market Studio

Teresa Cordova
Urban Strategies Council $6,000
Resource Center for Raza Planning

David Henkel
Department of Agriculture $330,000
Rural Agricultural Enterprise Network

Theodore Jojola
City of Albuquerque $54,495
Native American Study

College of Arts and Sciences
Michael Fischer/Viola Florez
NM State University $119,838
New Mexico Collaborative for Excellence in Teacher Preparation

Anthropology
Patricia Crown
National Endowment for the Humanities $130,000
Becoming a Potter: Situated Learning in the Prehistoric American Southwest

Patricia Crown
Wenner-Gren Foundation $10,016
Becoming a Potter: Situated Learning in the American Southwest

Kim Hill/Michael Gurven
Leakey (L.S.B.) Foundation $2,000
Food Sharing and Sedentism among the Ache of Paraguay

Kim Hill/Garnett McMillan
National Science Foundation $11,065
Elements of Ache Sociality

Kim Hill/Ana Hurtado
National Science Foundation $20,038
Ecological Studies of Ache Foragers

Hillard Kaplan
University of Michigan $27,400
Mellon Research Grant

Ann Ramenofsky
Valley Improvement Association $21,400
Comanche Springs Archaeological Project
Lawrence Straus  
National Geographic Society  $16,800  
Prehistoric Settlement in the Cantabrian Cordillera: El Miron Cave  

Lawrence Straus  
National Geographic Society  $21,020  
Prehistoric Settlement in the Cantabrian Cordillera: El Miron Cave and the Rio Ason Drainage (Phase III)  

Lawrence Straus  
National Science Foundation  $100,284  
Tardiglacial Human Adaptations in the Cantabrian Cordillera, Spain  

**Biology**  
J. Scott Altenbach  
NM Energy, Minerals and Natural Resources Dept.  
$11,250  
Evaluation of Bat Population and Habitat Research  

Larry Barton/Bruce Thomson  
NM State University  $60,000  
WERC: Chemical/Biological Treatment Strategies for Mixed Waste  

James Brown  
Geological Survey  $10,032  
Habitat Requirements of Bell’s Vireo: A Landscape Analysis of Southwest Populations  

James Brown  
National Science Foundation  $112,500  
A BIO Research Training Group in Ecological Complexity  

James Brown  
National Science Foundation  $160,000  
Long-Term Monitoring and Manipulation of the Desert Granivore System  

Clifford Crawford  
Fish and Wildlife Service  $35,910  
Ecological Monitoring: Middle Rio Grand Bosque  

Clifford Dahm/Clifford Crawford/Manuel Molles/ Maurice Valett/Padinare Unnikrishna/Theresa Mulhern  
National Aeronautics and Space Administration  $700,000  
Ecosystem Restoration: Effects of Flooding and Vegetation Type on Annual Evapotranspiration in a Semi-arid Landscape  

Donald Duszynski  
National Science Foundation  $11,454  

Donald Duszynski  
National Science Foundation  $144,459  
The Coccidia of the World  

Ann Evans  
National Science Foundation  $10,400  
Spatial and Temporal Variation in the Physiology of a Riparian Tree  

William Gannon  
NM Game and Fish Department  $18,078  
Acoustic and Netting Survey of the Bats of New Mexico: Year 4  

William Gannon  
NM Game and Fish Department  $3,000  
Spotted Bat Presence in New Mexico: Winter and Summer Survey  

James Gosz  
National Science Foundation  $1,831  
IPA for Christine French  

James Gosz  
National Science Foundation  $50,000  
So We Last Video  

James Gosz  
Office of Science and Technology Policy  $10,000  
Role of Index Sites in a National Network  

James Gosz  
University of California, San Diego  $60,000  
NPACI Program: Earth Systems Sciences Thrust  

James Gosz/Ann Evans/Donald Duszynski/Terry Yates/James Brown  
National Science Foundation  $605,498  
Sevilleta LTER II: Biome-level Constraints on Population, Community, and Ecosystem Responses to Climate Fluctuations
Gretchen Hofmann
National Science Foundation  $134,273
Ecological Significance of Heat Shock Proteins as Molecular Chaperones: Temperature-Dependence of hsp Function in Marine Fish

Kristine Johnson
Army Corps of Engineers  $3,029
Foraging Ecology of Wetland Birds at Holloman Air Force Base

Kristine Johnson
Nature Conservancy  $12,511
Carlsbad Prairie Chicken Surveys

Kristine Johnson
Nature Conservancy  $16,384
Prairie Chicken Surveys

Kristine Johnson
Nature Conservancy  $26,261
Lesser Prairie Chicken Telemetry Study

Kristine Johnson
Nature Conservancy  $3,096
Mountain Plover Surveys

Kristine Johnson
Nature Conservancy  $5,670
Least Turn Surveys

Kristine Johnson
NM Game and Fish Department  $10,000
Lesser Prairie Chicken Surveys on Department of Game and Fish Lesser Prairie Chicken Areas

Juanita Ladyman/Patricia Mehlhop
Army Corps of Engineers  $26,000
Monitoring Sensitive Species on Ft. Bliss

Juanita Ladyman
Forest Service  $9,209
Kuenzler’s Cactus Surveys

Juanita Ladyman
Nature Conservancy  $16,063
New Mexico National Guard Floristic Study

Juanita Ladyman
Nature Conservancy  $5,709
Lee’s Pincushion Cactus

Juanita Ladyman
Nature Conservancy  $7,862
Kuenzler’s Hedgehog Cactus Survey

Juanita Ladyman
Nature Conservancy  $8,253
El Malpais Plant Survey

David Lightfoot
Los Alamos National Laboratory  $14,414
Biodiversity of Ground-Dwelling Arthropods across an Elevation Gradient at the Jemez Mountains

David Lightfoot
National Biological Service  $7,596
Long Term Studies of Arthropod Diversity at Bandelier National Monument

David Lightfoot
NM State University  $40,873
The Effects of Small Mammals on Spatial and Temporal Patterns of Vegetation in the Northern Chihuahuan Desert

Eric Loker
Fogarty International Center  $39,652
Molecular Studies of Kenyan Schistosomes

Eric Loker
National Institute of Allergy and Infectious Diseases  $204,130
Biology of Trematode-Snail Associations

Timothy Lowrey/William Gannon/Terry Yates
National Science Foundation  $20,625
Relocation and Compactorization of the Museum of Southwestern Biology

Timothy Lowrey
NM Energy, Minerals and Natural Resources Dept.  $3,000
Analysis of Relationships Between Erigeron bistisensi and E. Pulcherrimus in New Mexico

Patricia Mehlhop
Army Corps of Engineers  $1,000
Integrated Natural Resources Management Plan for Holloman Air Force Base

Patricia Mehlhop/Keith Elliott
Department of the Army  $38,000
Delineation and Characterization of Drainage Areas

Patricia Mehlhop
Nature Conservancy  $2,360
Stewardship Abstracts
Patricia Mehlhop/Kristine Johnson  
White Sands Missile Range  $112,000  
Integrated Natural Resource Management Plan, WSMR

Patricia Mehlhop/Keith Elliott  
White Sands Missile Range  $20,000  
Sensitive Biological Elements Database II

Robert Miller  
National Science Foundation  $27,585  
Immunological Development in a Marsupial – Faculty Early Career Development (CAREER) Program

Bruce Milne/Robert Parmenter/James Brunt  
National Science Foundation  $19,350  
LTER II: Biome-Level Constraints on Population, Community

Bruce Milne/Carla Restrepo  
National Science Foundation  $8,112  
Linking Vegetarian Succession with Slope Failure: From Single Landslides to Landscapes

Bruce Milne  
University of Colorado  $120,000  
Multi-Scaled Assessment Methods: Prototype Development within the Interior Columbia Basin

Manuel Molles/Lisa Ellis  
Fish and Wildlife Service  $12,038  
Fragmentation and Restoration of the Middle Rio Grande Cottonwood Forest

Esteban Muldavin/Patricia Mehlhop  
Fish and Wildlife Service  $25,000  
River Bars of the Rio Grande

Esteban Muldavin  
Los Alamos National Laboratory  $25,000  
LANL Ecological Site Assessment for the Species of Concern Habitat Management Plan: A Pilot Project

Esteban Muldavin  
National Park Service  $50,000  
Vegetation Mapping at Big Bend National Park and Northern Sierra del Carmen, Mexico

Esteban Muldavin/Patricia Mehlhop  
NM Environment Department  $73,441  
Development of a Classification and Assessment of Playa Wetland Vegetation

Kathryn Vogel  
National Institute of Arthritis and Musculoskeletal and Skin Diseases  $187,827  
Proteoglycan Structure, Metabolism and Role in Tendon

Kathryn Vogel
National Institute of Arthritis and Musculoskeletal and Skin Diseases  $187,827  
Proteoglycan Structure, Metabolism and Role in Tendon

Donald Natvig/Robert Miller/Mary Anne Nelson  
National Science Foundation  $44,400  
RIMI: The Neurospora Genome Project at UNM - A Genome Characterization Training Program

Mary Anne Nelson  
National Science Foundation  $10,000  
Characterization of a Novel, Stationary-phase Gene in the Yeast Saccharomyces cerevisiae

Paul Polechla  
Bureau of Land Management  $20,000  
Ecology of the River Otter and Other Wetland Furbearers of the Upper Rio Grande

Gregory Saenz/Donald Natvig  
Ford Foundation  $27,000  
Reproductive and Population Genetics of Neurospora tetrasperma

Felisa Smith  
University of California  $50,000  
Ecosystem Response to Increased Urbanization in Eastern Asia

Howard Snell  
NM Game and Fish Department  $31,000  
Dunes Sagebrush Lizard, Sceloporus arenicolus, in Southeastern New Mexico: Effect of Shinnery Oak Removal, Distribution and Gas/Oil Studies

A. Randy Thornhill/Steven Gangestad  
Olfactory Research Fund, Ltd.  $42,808  
The Scent of Symmetry

Maurice Valett/Clifford Dahm  
Forest Service  $20,000  
Influence of Livestock Grazing and Geologic Setting on Surface Water/Ground Water Exchange and Nutrient Retention in Stream/Riparian Ecosystems

Maurice Valett/Clifford Dahm  
Virginia Polytechnic Institute  $39,727  
Nitrogen Uptake Retention and Cycling in Stream Ecosystems

Kathryn Vogel  
National Institute of Arthritis and Musculoskeletal and Skin Diseases  $187,827  
Proteoglycan Structure, Metabolism and Role in Tendon
Robert Waide/James Brunt/John VandeCastle
National Science Foundation $919,540
Network Office of the U.S. Long-Term Ecological Research Network

Margaret Werner-Washburne
Los Alamos National Laboratory $33,372
Computer Animation of Cell Biology

Carleton White
Forest Service $17,160
Ecology of Fire in Semi-Arid Grasslands: Responses Two Years After Fire

Carleton White
Iowa State University $2,875
Ecosystem and Soil Studies of Native American Runoff Agriculture

Terry Yates
Centers for Disease Control and Prevention $190,755
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States

Terry Yates
Indian Health Service $109,820
Longitudinal Studies of Hantavirus in Rodent Populations of the American Southwest

Terry Yates
National Biological Service $17,500
Response of Southwestern Montane Mammal Communities to Global Change

Chemistry
Fritz Allen
Chromex $19,750
Aiding in the Design of a Raman Spectrometer System

Fritz Allen
Chromex $9,875
Design of Raman Spectrometer System

Fritz Allen/Lorraine Deck/Debra Dunaway-Mariano/Mark Hampden-Smith/Patrick Mariano
National Science Foundation $300,000
Purchase of a 500 MHz NMR Spectrometer

Fritz Allen
Sandia National Laboratories $303,191
Synthetic Porphyrins, Spectroscopic Structural Data, Catalytic-Activity Measurements

Dana Brabson
Arizona State University $756
Basic Chemistry of Next Generation Flame Extinguishing Agents

Lorraine Deck
American Heart Association $35,000
Suicide Inhibitors of Cholesterol Esterase for the Prevention of Cholesterol Absorption

Lorraine Deck
Arizona State University $655
Molecular Dynamics and NMR Investigations

Lorraine Deck
Arizona State University $753
Competitive Inhibitors of Cholesterol Esterase

Lorraine Deck
Arizona State University $753
Inhibitors of Lactate Dehydrogenase

Lorraine Deck
Dreyfus (Camille and Henry) Foundation $18,000
Enhancement of Undergraduate Laboratory Instruction via Incorporation of Multinuclear NMR Spectroscopy

Lorraine Deck
National Science Foundation $23,225
Enhancement of Undergraduate Laboratories via Introduction of Multinuclear NMR at UNM

Lorraine Deck/Mark Hampden-Smith/Christie Enke/Philip Hampton
National Science Foundation $49,420
Research Experience for Chemistry Undergraduates

Debra Dunaway-Mariano
National Institute of General Medical Sciences $280,245
Enzyme Mechanisms

Debra Dunaway-Mariano
National Institute of General Medical Sciences $296,717
Investigation of Pyruvate Phosphate Dikinase

Christie Enke
National Institute of General Medical Sciences $192,408
Advances in Biomedical Analysis by TOF Mass Spectrometry
Christie Enke  
Pfizer, Inc.  $51,800  
Prediction and Optimization for Electrospray Ionization Mass Spectrometry

Deborah Evans  
Sandia National Laboratories  $35,000  
SURP: Computational Aspects of Electron Dynamics in Thin Films and Branched Macromolecules

Hua Guo  
National Science Foundation  $91,685  
Theoretical Studies of Spectroscopy and Dynamics of Molecular Systems

Philip Hampton  
Arizona State University  $756  

Martin Kirk  
American Chemical Society- Petroleum Research Fund $60,000  
Electronic Structure Contributions to Reactivity in O xo tungsten Dithiolene Compounds

Martin Kirk  
National Institute of General Medical Sciences  $177,920  
Spectroscopic Studies of Molybdoenzymes and Models

Patrick Mariano  
National Institute of General Medical Sciences  $191,371  
Monoamine Oxidase Catalytic Mechanism

Patrick Mariano  
National Institute of General Medical Sciences  $314,117  
Novel Approaches to Alkaloid Synthesis

Thomas Niemczyk  
Sandia National Laboratories  $18,837  
IR Diagnostics of Polymer/Metal Interfaces

Thomas Niemczyk  
Sandia National Laboratories  $33,316  
IR Sensors for Trace Organics in Water

Robert Paine  
Department of Energy  $106,000  
Preorganized and Immobilized Ligands for Metal Ion Separations

Edward Walters  
Lovelace Biomedical Environmental Research Institute $6,477  
LRRI/UNM Graduate Fellowship Program for Chun Sheng Fu

**Communication and Journalism**

Karen Foss  
Asian Technology Information Program  $8,627  
Research Support for Tomoko Masumoto

Everett Rogers  
Arizona State University  $756  
WAESO: Technology Transfer in New Mexico

Everett Rogers  
Bernalillo County  $4,610  
Production of Three Trigger Videos

Everett Rogers  
Mitsubishi International Corporation  $97,000  
Technology Innovation and Diffusion Mechanisms in High Technology Industry Program

Everett Rogers  
United Nations Population Fund  $50,228  
The Assessment of the Entertainment-Education Programme, Twende na Wakati

Richard Schaefer  
NM Human Services Department  $1,100  
Radio Spots

Estelle Zannes  
Los Alamos National Laboratory  $31,416  
Communication Messages and Practices for the Nuclear Weapons Diversification and Industrial Partnerships Program

**Earth and Planetary Sciences**

Roger Anderson  
National Science Foundation  $69,791  
Hydrologically Coupled Estimates of Decadal to Millennial Climate Variability during the Holocene and Late Pleistocene: Estancia Basin

Yemane Asmerom  
National Science Foundation  $65,573  
U-series Isotope Systematics of Continental Rift Basalts: The Rio Grande Rift, USA
Yemane Asmerom  
Los Alamos National Laboratory  $14,438  
The Role of Mantle Plumes in the Formation of New Tectonic Plates: Constraints from Basalt Geochemistry and Geochronology

Yemane Asmerom  
National Science Foundation  $49,957  
Chronology of Submerged Speleothems from the Blue Hole, Belize: Implication for Sea Level and Tropical Climate Change through Time

Adrian Brearley  
National Aeronautics and Space Administration  $80,000  
Mechanisms and Kinetics of Aqueous Alteration Reactions in Chondritic Meteorites

Adrian Brearley  
National Aeronautics and Space Administration  $35,000  
Microstructural Studies Bearing on the Origin of Carbonates and Associated Minerals in Martian Meteorite

Laura Crossey/Maurice Valett  
National Science Foundation  $48,000  
Biogeochemical Cycling of Redox-Sensitive Metals during Surface-Subsurface Water Exchange in a Shallow Alluvial Aquifer

Peter Fawcett  
National Science Foundation  $84,514  
Nested GCM/Mesoscale Model Studies of Large Rapid Holocene and Late Glacial Change: Synthesis with the Greenland Ice Core Rec.

John Geissman  
Los Alamos National Laboratory  $9,625  
Hydrothermal Processes in Pyroclastic Rocks: Implications for Cooling Ignimbrites, Shallow Intrusions, and Rate of Change of Geomagnet

John Geissman  
National Science Foundation  $181,103  
Assessing the Style and Evolution of Large-Magnitude, Intracratonic Deformation, Eastern Himalayan Syntaxis, Yunnan, Peoples Republic of China

Stephen Getty/Yemane Asmerom  
National Science Foundation  $49,938  
U-Pb Geochronology in Marine Carbonates: A New Approach for Age Dating in Paleoclimate Reconstructions

David Gutzler/Peter Fawcett  
National Science Foundation  $64,970  
Observations and Modeling of Large-Scale Controls on Summer Rainfall in Southwest North America

Karl Karlstrom/John Geissman/Maya Elrick/Yemane Asmerom  
National Science Foundation  $140,067  
An Integrated Study of Late Proterozoic (Ca. 1.2-0.7 Gt) Extensional Tectonism, Basin Evolution, and Biological Evolution

Karl Karlstrom/Frank Pazzaglia  
National Science Foundation  $156,502  
Lithospheric Structure and Evolution of the Rocky Mountain Transect of the Western U.S.: An Integrated Geological and Geophysical Investigation

Roberto Molina  
Texas A & M Research Foundation  $17,255  
Ocean Drilling Program Leg 182: The Great Australian Bight

Frank Pazzaglia  
Geological Survey  $7,000  
Geologic Map of the Sky Village, NE Quadrangle, Albuquerque Basin, New Mexico

Jane Selverstone  
National Science Foundation  $128,585  
Proterozoic Assembly of the Northern Colorado Front Range

Gary Smith/Michael Campana  
National Science Foundation  $119,991  
Outcrop Characterization of Heterogeneity: Explicit Linkage of Hydrological and Sedimentologic Properties and Testing of Stochastic Model Performance

Lu-Min Wang/Rodney Ewing  
Department of Energy ($408,000)  
Radiation Effects on Materials in the Near Field of Nuclear Waste Repository

Lu-Min Wang  
Sandia National Laboratories  $9,000  
Analytical Support on Microstructure Changes of Tl-Ba Superconductor under Ion-beam Irradiation

Economics

David Brookshire  
Geological Survey  $25,000  
Land-Use Models and Non-Market Values for the Rio Puerco Basin
Catherine Kraus/Janie Chermak  
Arizona State University  $756  
WAESO: Intergenerational Responsibility for Environmental Resources

Foreign Languages and Literatures  
Walter Putnam  
Asian Technology Information Program  $38,137  
Support for Teaching of Japanese Language and Culture

Geography  
Olen Mathews  
National Oceanic and Atmospheric Administration  $12,000  
Sustainable Development Issues in the Upper Rio Grande Basin

History  
John Kessell/Rick Hendricks  
National Endowment for the Humanities  $27,000  
The Journals of don Diego de Vargas

Frans Rietmeijer  
National Aeronautics and Space Administration  $110,000  
Petrology of Presolar Dusts and Alterations in Chondritic IDPs

Institute of Meteoritics  
James Connolly  
Sandia National Laboratories  $8,558  
Geologic Support for the Yucca Mountain Site Characterization Project

Horton Newsom  
Jet Propulsion Lab  $9,566  
Impact Cratering, Volcanism, and Volatile Transport on Mars

James Papike/Adrian Brearley/Rhian Jones/Charles Shearer  
National Aeronautics and Space Administration  $219,000  
Microbeam Studies of Planetary Materials

Languages and Literatures  
Walter Putnam  
Asian Technology Information Program  $38,137  
Support for Teaching of Japanese Language and Culture

John Kessell/Rick Hendricks  
National Historical Publications and Records Commission  $37,397  
The Journals of don Diego de Vargas

Frans Rietmeijer  
National Aeronautics and Space Administration  $110,000  
Petrology of Presolar Dusts and Alterations in Chondritic IDPs

History  
John Kessell/Rick Hendricks  
National Historical Publications and Records Commission  $37,397  
The Journals of don Diego de Vargas

Linguistics  
Phyllis Wilcox  
University of Arkansas  $4,000  
RSA Region VI Interpreter Training Project

Mathematics and Statistics  
Alexandru Buium  
National Science Foundation  $105,300  
Arithmetic Analogue of Differential Algebraic Geometry

Sam Efromovich  
National Security Agency  $13,000  
Quasi-Linear Wavelet Estimation

Pedro Embid  
National Science Foundation  $80,000  
Nonlinear Problems in Geophysical and Relative Flows

Todd Kapitula  
National Science Foundation  $57,205  
Stability of Travelling Waves with Applications in Nonlinear Optics
Vassilios Kovanis  
Air Force Research Laboratory $80,600  
IPA

Jens Lorenz  
Department of Energy $50,044  
Numerical and Asymptotic Studies of Complex Flow Dynamics

Terry Loring  
National Science Foundation $22,500  
Stable Relations and Their Loci in Operator Algebra Variables

Maria Pereyra  
Sandia National Laboratories $35,000  
SURP: Divergence Free Multiwavelets in Navier Stokes Systems

Alexander Stone  
Air Force Research Laboratory $29,983  
IPA

Carla Wofsy  
National Science Foundation $128,057  
Quantitative Methods for Studying Cell Signaling Mediated by Multi-subunit Immunoreceptors

Maxwell Museum of Anthropology

Brenda Dorr  
Army Corps of Engineers $10,867  
Annual Curation Fees

Brenda Dorr  
Army Corps of Engineers $58,103  
Museum Display and Data Interpretation

Brenda Dorr  
Army Corps of Engineers $6,300  
Conchas Dam Project with Annual Curation Fees and Accession Osteological Materials

Brenda Dorr  
Robert S. Peabody Museum of Archaeology $7,320  
Continuing Dialogue for the Pecos Pueblo, Pecos, NM

Joyce Szabo  
NM Endowment for the Humanities $3,500  
To Make Beautiful Things: Plateau Native Baskets

Office of Contract Archaeology

Richard Chapman  
Army Corps of Engineers $29,963  
Isleta to Belen Levee Survey; San Acacia to San Marcial Levee Survey

Richard Chapman  
Army Corps of Engineers $46,774  
Processing Bulk Soil Samples

Richard Chapman  
Museum of New Mexico $129,515  
NM 22 Archaeological Fieldwork, Pena Blanca Data Recovery

Richard Chapman  
Museum of New Mexico $18,923  
Hatch Data Recovery

Richard Chapman  
Museum of New Mexico $6,801  
Highway 117 - Data Recovery Plan

Richard Chapman  
Museum of New Mexico $69,236  
Data Recovery at 3 sites along NM 117: Fieldwork

Richard Chapman  
National Park Service $2,500  
Evaluation of Chaco Protection Sites Database

Patrick Hogan  
Mid-American Pipeline Company $385,000  
Four Corners Pipeline Loop Cultural Resources Management Program Laboratory Processing, Analysis and Reporting

Joseph Winter  
Army Corps of Engineers $18,327  
Santa Rosa Reservoir: Fieldwork and Artifact Processing

Joseph Winter  
Army Corps of Engineers $36,082  
Alamogordo Fieldwork

Joseph Winter  
Camino Real Environmental $15,821  
Lea County Landfill

Joseph Winter  
Museum of New Mexico $612  
Highway 44 Data Recovery Plan
Joseph Winter/Richard Chapman
Museum of New Mexico  $346,683
Data Recovery at 5 sites along NM 44 - Field Work

Physics and Astronomy
Susan Atlas
National Science Foundation  $66,500
Energetics and Dynamics of Defects in Copper and Aluminum ULSI Interconnects

Bernd Bassalleck
Brookhaven National Laboratory  $388,000
Station 1 PHENIX Muon Tracker

Bernd Bassalleck/David Wolfe
Department of Energy  $336,000
Strange Particles and Heavy Ion Physics

Stephen Boyd
National Aeronautics and Space Administration  $88,000
New Phenomena in Strongly Counterflowing He-II Near T

Kevin Cahill
Department of Energy ($20,000)
Dynamics of Particles and Fields

Carlton Caves
Office of Naval Research  $85,500
Limitations on High-Precision Optical Measurements/High-Precision Measurements and Quantum Informative Theory

Ivan Deutsch
Los Alamos National Laboratory  $26,000
Analysis of Implementations of Quantum Computation

Jean-Claude Diels
National Science Foundation  $10,000
Non-Reciprocal Response in Femtosecond Ring Lasers

Byron Dieterle
Department of Energy  $188,000
Nuclear Physics at Intermediate Energies

Kathryn Dimiduk/Cynthia Riedel
San Diego State University Foundation  $17,000
Preparation for Teacher Workshops Using CPU Program Materials

Robert Duncan
Jet Propulsion Lab  $1,106,052
Critical Dynamics in Microgravity (DYNAMX)

Robert Duncan
Sandia National Laboratories  $100,000
Statistical and Thermodynamic Models for Robotic Control

David Dunlap/David Wolfe
National Science Foundation  $50,000
REU Summer Program in Physics Research

David Dunlap
Sandia National Laboratories  $27,108
Quantum Transport in Coupled Double Quantum Wells

Nebosja Duric
Research and Development Laboratories  $25,000
Image Recovery Using Phase Diversity

David Emin/Steve Hersee
Sandia National Laboratories  $109,000
Novel Energy Conversion Devices of Icosahedral Borides

Stephen Gregory
Air Force Research Laboratory  $26,415
IPA

William Junor/Nebosja Duric/Sergio Restaino
National Aeronautics and Space Administration  $9,640
Catching the Perfect Wave: The Application of Adaptive Optics to Optical Interferometry in the 21st Century

William Junor/John McIver/Sergio Restaino
National Science Foundation  $12,940
Catching the Perfect Wave: The Application of Adaptive Optics to Optical Interferometry for the Next Generation of Optical Telescopes

Vasudev Kenkre
Los Alamos National Laboratory  $20,000
Theoretical Investigations into the Time Evolution of Certain Nonlinear Systems in Condensed Matter Physics

Vasudev Kenkre
Los Alamos National Laboratory  $3,000
Workshop: Granular Materials - Statics, Excitations and Dynamics

Vasudev Kenkre
Sandia National Laboratories  $5,000
Workshop: Granular Materials - Statics, Excitations and Dynamics

Vasudev Kenkre
Sandia National Laboratories  $75,000
Statistical Approaches to the Compaction Problem
Michael Ledlow
National Aeronautics and Space Administration $51,800
X-Ray Properties of Rich Clusters from Z=0-0.2 Using the ROSAT All-Sky-Survey

Michael Ledlow
National Aeronautics and Space Administration $2,800
X-Ray Properties of Radio Galaxies and the FR I/II Division

John Matthews/Michael Gold/Sally Siedel
Department of Energy $526,000
New Mexico Center for Particle Physics: Studies of Fundamental Interactions

John Matthews
National Science Foundation $5,000
5th International WEIN Symposium: A Conference on Physics Beyond the Standard Model

John McIver
Air Force Research Laboratory $57,893
IPA for Michael Hasselbeck

John McIver
Air Force Research Laboratory $65,286
IPA for Thomas Henshaw

John McIver
Air Force Research Laboratory $98,631
IPA Michael Welch

John McIver
Air Force Research Laboratory $98,789
IPA for John Telle

Gerald Moore
Air Force Research Laboratory $90,276
IPA

Sudhakar Prasad
Air Force Office of Scientific Research $49,369
Information Dynamics in Image Deconvolution

Brent Rafferty
Air Force Research Laboratory $57,737
IPA

Wolfgang Rudolph
Air Force Research Laboratory $10,975
High-Resolution Spectroscopy and Sub-Doppler Optical Frequency Stabilization

Wolfgang Rudolph
Air Force Research Laboratory $4,938
Modulated Iodine Laser Experiments and Modeling

Wolfgang Rudolph
Air Force Research Laboratory $169,122
Raman Shifting High-Power Near Infrared Laser Radiation and Optically Pumped CO/NO Lasers

Wolfgang Rudolph
Air Force Research Laboratory $326,002
Raman Shifting High-Power Near Infrared Laser Radiation and Compact Laser-Driven Microwave Source

Wolfgang Rudolph
Air Force Research Laboratory $7,212
High-Resolution Optical Spectroscopy and Sub-Doppler Optical Frequency Stabilization (II)

Mohinder Paul Sharma
Air Force Research Laboratory $70,680
Nonlinear Optics Investigations for Infrared Detection

Mohinder Paul Sharma
Air Force Research Laboratory $88,800
IPA

Mansoor Sheik-Bahae
Los Alamos National Laboratory $45,000
NUCOR - Optical Refrigeration in Semiconductors

Mansoor Sheik-Bahae
National Science Foundation $50,000
Investigation of Femtosecond Dynamics and Optical Switching in Active Semiconductors

David Wolfe/David Emin
Sandia National Laboratories $218,000
Transport in Unconventional Solids

David Wolfe/Robert Duncan
Sandia National Laboratories $30,154
The BRAHMS Proposal

David Wolfe
Sandia National Laboratories ($112,327)
Very Low Temperature Measurements of the Seebeck Coefficients and Electrical Conductivities in High Magnetic Field of Samples

Political Science/Institute of Public Policy
Hank Jenkins-Smith
Los Alamos National Laboratory $35,970
Public Opinion Survey Research
<table>
<thead>
<tr>
<th><strong>Hank Jenkins-Smith</strong></th>
<th><strong>Los Alamos National Laboratory</strong></th>
<th>$5,553</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Public Survey Services for Los Alamos National Laboratory</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>NM Department of Health</strong></td>
<td>$210,975</td>
</tr>
<tr>
<td><strong>Household Survey of Selected Populations</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>NM Health Policy Commission</strong></td>
<td>$197,456</td>
</tr>
<tr>
<td><strong>Health Care Provider and Consumer Assessment Surveys</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>NM Highway and Transportation Department</strong></td>
<td>$19,000</td>
</tr>
<tr>
<td><strong>NM Highway and Transportation Department Long Range Planning Survey</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>Sandia National Laboratories</strong></td>
<td>$200,000</td>
</tr>
<tr>
<td><strong>Establish a Directed Research Program for the Cooperative Monitoring Center (CMC) at Sandia National Laboratories</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>Sandia National Laboratories</strong></td>
<td>$28,000</td>
</tr>
<tr>
<td><strong>Quarterly Monitoring Surveys</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hank Jenkins-Smith</strong></td>
<td><strong>Westinghouse Electric Corporation</strong></td>
<td>$38,000</td>
</tr>
<tr>
<td><strong>Testing for Change in Attitudes Toward the Waste Isolation Pilot Plant (WIPP)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Karen Remmer</strong></td>
<td><strong>National Science Foundation</strong></td>
<td>$16,650</td>
</tr>
<tr>
<td><strong>Bringing the States Back In: Federalism and Economic Adjustment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Kenneth Roberts/Gregory Gleason</strong></td>
<td><strong>Sandia National Laboratories</strong></td>
<td>$20,000</td>
</tr>
<tr>
<td><strong>Regional Profile Report: Latin America</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Psychology**

<table>
<thead>
<tr>
<th><strong>Jack Blanchard</strong></th>
<th><strong>National Institute of Mental Health</strong></th>
<th>$68,577</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anhedonia and Emotion in Schizophrenia</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Michael Dougher</strong></td>
<td><strong>Alcohol Self-Control Program</strong></td>
<td>$4,040</td>
</tr>
<tr>
<td><strong>Research Assistant</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Michael Dougher</strong></td>
<td><strong>Second Judicial District Court</strong></td>
<td>$52,000</td>
</tr>
<tr>
<td><strong>Assessment and Evaluation of Court Clinic</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sociology/Institute for Social Research**

<table>
<thead>
<tr>
<th><strong>Christopher Birbeck</strong></th>
<th><strong>NM Criminal and Juvenile Justice Coordinating Council</strong></th>
<th>$235,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Criminal and Juvenile Justice Coordinating Council</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Richard Boyle/Rebel Palm-Aitchison</strong></td>
<td><strong>NM Department of Education</strong></td>
<td>$14,932</td>
</tr>
<tr>
<td><strong>Evaluation of Teacher Training</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Richard Coughlin</strong></td>
<td><strong>Ford Foundation</strong></td>
<td>$1,000</td>
</tr>
<tr>
<td><strong>National Research Council Award</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Peter DiVasto</strong></td>
<td><strong>Bernalillo County</strong></td>
<td>$43,225</td>
</tr>
<tr>
<td><strong>BCSO Psychological Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Peter DiVasto</strong></td>
<td><strong>City of Albuquerque</strong></td>
<td>$26,663</td>
</tr>
<tr>
<td><strong>Psychological Services for APD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Paul Guerin</strong></td>
<td><strong>Abt Associates</strong></td>
<td>$23,585</td>
</tr>
<tr>
<td><strong>Arrestee Drug Abuse Monitoring</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Paul Guerin/Gary LaFree  
City of Albuquerque $25,000  
Evaluation/Character Counts

Paul Guerin/Richard Boyle  
NM Administrative Office of the State Courts $48,464  
Evaluation Proposal for Administrative Office of Courts

Paul Guerin/Gary LaFree  
NM Corrections Department $170,000  
Evaluation of Community Corrections Programs and Risk/Needs Assessment

Paul Guerin  
Second Judicial District Court $42,893  
Tracking and Evaluation of Drug Court

Gary LaFree  
Bureau of Justice Statistics $70,036  
Statistical Analysis Center

Gary LaFree  
City of Albuquerque $24,817  
Citizen’s Satisfaction Survey: Parks & Recreation

Gary LaFree/Scott Goold  
City of Albuquerque $4,317  
Survey - Citizens Perception of Noise

Gary LaFree/Christopher Birkbeck  
National Institute of Justice $333,333  
New Mexico PAL

Gary LaFree/Paul Guerin  
National Institute of Justice $41,428  
Drug and Alcohol Use and Their Connections with Domestic Violence

Bert Useem  
National Institute of Justice $199,816  
The Sentence Offender/Evaluation of the New Mexico Department of Corrections Work-Release Program

Speech and Hearing Sciences
Linda Riensche  
Albuquerque Public Schools $93,317  
APS-UNM Collaborative Programs in Speech-Language Pathology

Division of Continuing Education and Community Services
Jeronimo Dominguez/Eduardo Rodriguez  
NM Human Services Department $726,721  
New Mexico Works Act

College of Education
Amy Atkins  
National Writing Project $10,000  
Rio Grande Writing Project

Amy Atkins  
National Writing Project $14,000  
Rio Grande Writing Project

Isaura Barrera  
Department of Education $100,858  
VENTANAS: Opening Windows of Opportunity for Young/C/LD Children with Special Needs

Peggy Blackwell  
Belen Consolidated Schools $24,651  
Teacher Enhancement Program

Peggy Blackwell  
Belen Consolidated Schools $83,553  
Resident Teacher Exchange and Teacher Induction Program

Peggy Blackwell  
Bernalillo Public Schools $313,702  
New Mexico Teaching Learning Community

Peggy Blackwell  
Bernalillo Public Schools $88,866  
Integrating and Implementing Geography Standards

Peggy Blackwell  
National Geographic Society $13,270  
An Evaluation of the New Mexico Geographic Alliance Geographic Education Program

Maria Chavez/Mary Dudley  
NM Department of Education $50,000  
Wemagination Project

Maria Chavez/Edith Menning  
NM Department of Health $8,750  
Baby Amigo/Community Sisters Project
Maria Chavez
Public Service Company of N M Foundation $11,000
Family Development Training Modules

David Colton
Albuquerque Public Schools $162,520
Albuquerque Learning Communities Network

David Colton
Belen Consolidated Schools $168,520
New Mexico World Class Teacher Project

Guillermina Engelbrecht
Various $56,438
Master's Program in Educational Foundations

Guillermina Engelbrecht
Government of Colombia $15,402
Teaching English Methodologies for Columbian Teachers (Group III/1997)

Frank Field
Bernalillo Public Schools $25,684
Resident Teacher Exchange

Frank Field
Bureau of Indian Affairs $344,317
Educational Native American Network (ENAN)

Frank Field
Laguna Pueblo School $62,100
Four Directions Project

Viola Florez
Cochiti Pueblo $21,000
IPA - Joseph Suina

Leslie Hall
Corporation for Public Broadcasting $4,966
Teacher Induction: Using Technology from the Beginning

Craig Kelsey
Holt Foundation $6,000
Four Corners Writing Project

Anne Madsen
Martin-Marietta $1,100,000
Mathematics and Science Teacher Academy for Professional Development

Anne Madsen
NM Department of Education $196,000
Mathematics and Science Teacher Academies for Professional Development

Edith Menning
City of Albuquerque $79,700
Escuelita Alegre Preschool Continuation

Edith Menning
NM Children, Youth and Family Department $1,500
Escuelita Alegre Preschool, Dennis Chavez Site

Edith Menning
NM Children, Youth and Family Department $58,222
Family Support Services Project

Edith Menning
NM Children, Youth and Family Department $900
Escuelita Alegre Preschool, East San Jose Community Center Site

Edith Menning
NM Department of Health $49,500
Economic Development and Parent Education Project

Paul Miko
Dewitt Wallace Readers' Digest Fund $194,184
UNM Peace Corps Fellows Program

Leroy Ortiz
Department of Education $37,904
Title VII Bilingual Education Fellowship Program

Jan Plass
Oak Ridge Associated Universities $5,000
Multimedia Aids to Text Comprehension

Loretta Serna
Department of Health and Human Services $195,961
Systemic Early Detection and Self-Determination Approach for Mental Health Intervention in Head Start

Meave Stevens Dominguez
Department of Education $144,000
Project SELF (Supports for Early Learning Foundations)

Meave Stevens Dominguez
NM Children, Youth and Family Department $300,000
Family Centered Training Project

**Educational Leadership and Organizational Learning**

Bonnie Bostrom
NM Department of Education $88,200
New Mexico Project LEAD
S. Gregory Bowes/Breda Bova  
NM Department of Education  $544,374  
Adult Basic Education Staff Development Project

Jo Krueger  
Belen Consolidated Schools  $25,310  
Administrative Internship Program

Jo Krueger  
Bernalillo Public Schools  $25,310  
Administrative Internship Program

Jo Krueger  
Moriarty Municipal Schools  $25,310  
Administrative Internship Program

Vita Saavedra/Steve Preskill  
Grants-Cibola County Schools  $26,880  
Administrative Internship Program

Carolyn Wood  
Intel Foundation  $9,500  
Fellowship for Jill Brown

**Educational Specialties**

Isaura Barrera  
Department of Education  $98,106  
Project Comp Care: Training Personnel for the Education of the Handicapped

Isaura Barrera  
NM Department of Education  $87,945  
Project Esperanza

Virginia Blalock  
Albuquerque Public Schools  $16,000  
Project MORE

Virginia Blalock/Diane Raborn  
Department of Education  $120,232  
Bilingual/Multicultural Special Education Teacher Training Project

Virginia Blalock  
Department of Education  $375,000  
Project Success

Virginia Blalock  
NM Department of Education  $39,100  
NM Interagency Collaboration Model Training Personnel for the Education of Individuals with Disabilities Grant

Teresa Kokoski  
Academy of Applied Science  $18,760  
Southwest Junior Science and Humanities Symposium

Diane Raborn  
Department of Education  $168,477  
Project RICO: Realizing Individual Competence in Cognitively Rich Language Environments

Baji Rankin  
Eastern New Mexico University  $2,500  
Observing, Recording, and Documenting: Teachers Learning to Make Children's Work Visible

Baji Rankin  
NM Children, Youth and Family Department  $3,760  
Mini-Grant for Excellence

Loretta Serna  
University of Virginia  $3,600  
Outreach Services to Minority Entities to Expand Research Capacity

**Family Development Program**

Maria Chavez/Edith Menning  
Bernalillo County  $25,971  
Family Support Services for the South Broadway Community

Mary Dudley  
The Harris Foundation  $15,000  
Baby Love Pack

Edith Menning  
City of Albuquerque  $30,000  
Escuelita Alegre Preschool

Edith Menning  
March of Dimes Birth Defects Foundation  $2,000  
Baby Amigo/Community Sisters Project

Edith Menning  
NM Children, Youth and Family Department  $27,000  
Food Program for Escuelita Alegre Preschool

Edith Menning  
NM Children, Youth and Family Department  $73,920  
Continuation-Escuelita Alegre Preschools; Dennis Chavez Site and East San Jose Site
Individual, Family and Community

Education

Katia Goldfarb
Temple University $19,464
Students Helping in the Naturalization of Elders (SHINE)

Mary Harris/Shawn Foltz
U.S. Tennis Association $22,000
Attitudes Toward Weight, Appearance and Eating in Female Junior Tennis Players, Their Parents and Their Coaches

Candace Schau
Los Alamos National Laboratory $35,469
Assessing the LANL Teacher Enhancement Program

Meave StevensDominguez
Department of Education $117,813
Project Perspectives/Special Projects - Training Personnel for the Education of Individuals with Disabilities

Meave StevensDominguez
NM Department of Education $166,776
Project Bridges

Pauline Turner
Department of Education $154,205
Project LIFE (Learning in Family Centered Environments)

Pauline Turner/Meave StevensDominguez
Kellogg Foundation $1,248,000
Recruitment and Training of Minority Early Childhood Professionals to Increase the Quality of Early Childhood Education Programs for Children and Families

Language, Literacy and Sociocultural Studies

Rosalita Mitchell
NM Commission on Higher Education $60,455
An Alliance for High School Integrated Curriculum

Elizabeth Noll
National Council of Teachers of English Foundation $4,188
The Role of Literature in Multicultural Classrooms

Physical Performance and Development

Mary Campbell
National Collegiate Athletic Association $78,100
National Youth Sports Program

Vivian Heyward
Omron Health Care, Inc. $41,723
Interlaboratory Cross-Validation of OMRON Bioimpedance Equations

Teacher Education

Peggy Blackwell
Rio Rancho Public Schools $175,000
Collaborative Teacher Education Program: Elementary/Secondary, Special Education and Teacher Enhancement

Fred Carrillo
NM Department of Education $3,000
Intensive Spanish Institute

Guillermina Engelbrecht
Government of Colombia $15,402
Teaching English Methodologies for Columbian Teachers (Group II/97)

Frank Field
Santa Fe Public Schools $1,218,603
Intern Exchange and Mentor Teacher Program

Viola Florez
Albuquerque Public Schools $3,330,700
Professional Development Partnership

Marlis Mann
Las Cruces Public Schools $78,701
Networking Elementary Leadership Schools and Teachers

Patricia Stall/Craig Kelsey
National Writing Project $14,000
Four Corners Writing Project (Gallup, NM)
School of Engineering

Ursula Bowie
NM Highlands University $50,000
AISTEC Graduate Fellowship Program

Ursula Bowie
NM State University $42,000
Indian Resource Development

Ursula Bowie
Office of Naval Research $196,406
Infrastructure Support

Connie Callan
NM State University $35,000
DOE Clean Up New Mexico

Connie Callan
NM State University $40,000
National Dialog/Pinnelas Video/Stakeholder Outreach

Connie Callan
NM State University $60,000
WIPP Transportation Video

Paul Fleury
Alfred P. Sloan Foundation $390,000
Minority PhD Recruitment

Joseph Torres
Arizona State University $176
Calculus I Peer Study Group

Joseph Torres
Arizona State University $176
Calculus II Peer Study Group

Joseph Torres
Arizona State University $176
Calculus III Peer Study Group

Joseph Torres
Arizona State University $176
Physics I Peer Study Group

Joseph Torres
Arizona State University $176
Physics II Peer Study Group

Joseph Torres
Arizona State University $25,819
1998 Summer Bridge

Joseph Torres
Arizona State University $882
Physics I Study Group

Joseph Torres
Intel Foundation $49,000
Intel M EP Mentorship Program

Joseph Torres
Lawrence Livermore National Laboratory $20,183
LLNL Undergraduate Research Experience

Joseph Torres
NASA - Washington $450,199
NASA Training Project

Joseph Torres
NASA - Washington $450,200
NASA Training Project

Joseph Torres
National Aeronautics and Space Administration $32,000
Undergraduate Scholar Award and Research

Joseph Torres
NM State University $16,000
New Mexico Alliance for Minority Participation Transfer Scholarships

Joseph Torres
NM State University $3,340
Undergraduate Research Project

Joseph Torres
NM State University $34,000
NM AMP Scholar Programs

Gail Ward
NM Highlands University $67,291
AISTEC Graduate Fellowship Program

Gail Ward
NM State University $6,750
Undergraduate Research Assistantship

Gail Ward
NM State University ($18,408)
UNM-AMP Project
Alliance for Transportation Research Institute
Judith Espinosa
NM Highway and Transportation Department ($178,955)
TRAC Program

Judith Espinosa
NM Highway and Transportation Department ($63,947)
Support for Transportation Support

Judith Espinosa
Department of Energy $220,000
Transportation Resource Exchange Project

Judith Espinosa
Los Alamos National Laboratory $15,000
Advanced Transportation Technologies Support

Judith Espinosa
NM Highway and Transportation Department $35,000
Welfare to Work Project

Judith Espinosa
NM Highway and Transportation Department $75,000
Rural Transit Assistance Program

Judith Espinosa
NM Highway and Transportation Department $775,000
Support for Alliance for Transportation Research

Judith Espinosa
Sandia National Laboratories $25,000
Support to Sandia's Transportation Initiative

Judith Espinosa
Surdna Foundation $70,000
South Valley Community Elderly Transportation Mobility Project

David Fletcher
Sandia National Laboratories $176,739
Framework 2000

R. Gordon Mckeen
Leedshill-Herkenoff, Inc. $10,846
Roswell Airport Rehabilitation

R. Gordon Mckeen
NM Cultural Affairs Office $10,000
Engineering Assessment

R. Gordon Mckeen
NM Highway and Transportation Department $5,000
SVID Research Concepts Project

Chemical and Nuclear Engineering
Harold Anderson
Sematech $50,250
Plasma Diagnostic Support for Sematech Tool Development

Harold Anderson
Sematech $75,000
Strategic Diagnostics for Plasma Modeling

Harold Anderson
The Research Found of the State University of New York $40,275
Fundamental Science of High-Density Fluorocarbon Plasma

Robert Busch
Inhalation Toxicology Research Institute $16,419
LRRI/UNM Graduate Fellowship Program for Yansheng Wang
Robert Busch
Sandia National Laboratories  $2,368
Use of Nuclear Reactor

Joseph Cecchi
Sandia National Laboratories  $21,288
Mechanics of Metal Matrix Composite Formation

Joseph Cecchi
Sandia National Laboratories  $22,711
Metal-Ceramic Wetting and Reactions

Joseph Cecchi
Sandia National Laboratories  $40,000
Develop Theoretical Models of Quantum Fluids at Surfaces and Interfaces Using Path Integral Methods

Joseph Cecchi
Sandia National Laboratories  $65,615
Support for Advanced Materials Lab

Joseph Cecchi
Sandia National Laboratories  $74,791
Characterize and Evaluate Physical and Chemical Interactions between Reactive Metals and Ceramics

Joseph Cecchi
Semiconductor Research Corporation  $114,500
Plasma Diagnostics Development for Low Pressure High-Density Sources

Joseph Cecchi
Semiconductor Research Corporation  $33,334
Plasma Diagnostics Development for Low Pressure High-Density Sources

Joseph Cecchi
The Research Found of the State University of New York  $40,275
Fundamental Science of High-Density Fluorocarbon Plasma

Gary Cooper
N M State University  $29,357
WERC - Student Aid Support

Gary Cooper
N M State University  $35,322
WERC - Administration

Gary Cooper
N M State University  $42,149
WERC - Research Support

Gary Cooper
Sandia National Laboratories  $27,171
Monolayer Lubricants for Micromachine Applications

Gary Cooper
Sandia National Laboratories  $107,158
Neutron, Ion, and High-Energy Photon Diagnostics for Z

Abhaya Datye
N M State University  $60,000
TiO2 Photocatalysis for the Treatment of Hazardous Waste

Abhaya Datye
Pacific Northwest National Laboratory  $15,000
Photo-oxidation of Gas Phase Molecules by TiO2

William Fahrenholtz
Sandia National Laboratories  $83,959
Fundamental Studies of Metal-Ceramic Reactions

F. Eric Haskin
Sandia National Laboratories  $12,998
Accident Consequence Analysis

F. Eric Haskin
Sandia National Laboratories  $99,996
Plume Rise from Fuel Fires

F. Eric Haskin
Sandia National Laboratories  ($5,336)
Sensitivity and Uncertainty Importance Analysis

A. Sharif Heger
Sandia National Laboratories  $15,000
Structural Analysis of Ductile Iron Casks

Gabriel Lopez
Office of Naval Research  $150,000
Integrated, Multi-Analyte Chemical Microsensors

Gabriel Lopez
Office of Naval Research  $299,868
Mechanisms and Prevention of Biofouling on Surfaces of Synthetic Materials

Gabriel Lopez
Sandia National Laboratories  $27,171
Monolayer Lubricants for Micromachine Applications

Richard Mead
N M State University  $18,778
NEET Courses
Anil Prinja
Department of Energy $145,267
Analytical and Numerical Solutions of Generalized Fokker-Planck Equations

Anil Prinja
Los Alamos National Laboratory $123,000
A Discretization Scheme for Alpha Slowing Down in Plasmas

Anil Prinja
Los Alamos National Laboratory $56,000
Ion Transport Using the MCNP and ONEBFP Codes

Anil Prinja
Sandia National Laboratories $12,516
Numerical Solution of the Second-Order Self-Adjoint Transport Equation

Tom Rieker
Sandia National Laboratories $54,693
Support of Small Angle Scattering Center

Norman Roderick
Air Force Research Laboratory $24,938
IPA

Norman Roderick
Sandia National Laboratories $13,441
Z-Pinch and Exploding Wire Physics

David Sidebottom
Department of Energy $94,120
Reinvestigation of Ionic Motion in Amorphous Materials

David Sidebottom
Sandia National Laboratories $5,000
Literature Survey to Identify Possible Glass Compositions

Ebtisam Wilkins
NM State University $38,422
Development of Immunoassay Technique and Equipment for Determination of E. Coli Contamination in Food

Ebtisam Wilkins
NM State University $69,004
Development of Immunoassay Technique and Equipment for Determination of Bacterial Environmental Pollutants

Ebtisam Wilkins
NM State University $70,712
Development of Immunoassay Technique and Equipment for Determination of Bacterial Environmental Pollutants

Civil Engineering
Robert Greenlee
Quality Education for Minorities (QEM) Network $50,850
NASA Sharp Plus Program

Jerome Hall
NM Highway and Transportation Department $25,000
Perform Certain Traffic Engineering Work and Studies

Jerome Hall
NM Highway and Transportation Department ($25,000)
Perform Certain Traffic Engineering Work and Studies

Jerome Hall
Sandia National Laboratories $50,000
Infrastructure Surety Education Curriculum Development

Richard Heggen
Albuquerque Metro Arroyo Flood Control $35,000
Open-Channel Modeling, Year Eight

Arup Maji
Aerospace Consulting Corporation $20,525
Advanced Composited Structures

Arup Maji
Air Force Research Laboratory $60,966
AFOSR University Resident Research Professor

Tang-Tat Ng
National Science Foundation $5,000
Research Experience for Undergraduates

Tang-Tat Ng
Sandia National Laboratories $36,996
Design and Implementation of Chemical Information Systems

Tang-Tat Ng
Sandia National Laboratories $4,851
Database Design and Implementation for Chemical Information System

Howard Schreyer/Ming Wang-Liang
Air Force Office of Scientific Research ($48,434)
Experimental and Numerical Investigations on Failure Mechanisms in Fiber-Reinforced Ceramics

John Stormont
Bureau of Land Management $47,613
Lee Acres Capillary Barrier Evaluation Project
John Stormont/Julie Coonrod  
National Science Foundation  $64,921  
Research Experience for Undergraduates

John Stormont  
NM Highway and Transportation Department  $34,721  
Geosynthetic Unsaturated Drainage System

John Stormont  
NM State University  $30,554  
Development of a Geosynthetic Unsaturated Drainage System

John Stormont  
Re-Spec, Inc.  $3,108  
Soil Classification and Testing

Bruce Thomson/Robert Busch  
NM State University  $27,999  
Development of a Treatment Process for Removal of Metals and Radio-Nuclides on Manganese Oxyhydroxide Surfaces

Bruce Thomson  
NM State University  $29,993  
Bernalillo County Characterization and Site Application

Bruce Thomson  
NM State University  $6,001  
Presentation of Short Course on Hydrogeology

Bruce Thomson  
NM State University  $6,001  
Presentation of Short Courses on Hydrology and Ground Water Engineering

Bruce Thomson  
Roy F. Weston, Inc.  $20,000  
Fry Canyon Project

Bruce Thomson/John Stormont  
Sandia National Laboratories  $36,000  
Investigation of Colloidal Suspensions for Aquifer Remediation

Tim Ward  
NM State University  $13,693  
WERC-Travel

Tim Ward  
NM State University  $2,600  
State Funds Administrative Support

Computer Science

David Ackley  
National Science Foundation  $263,786  
Effective Information Access: Computer Science Research Fundamental to Creation of a National Information Infrastructure

Edward Angel  
Sandia National Laboratories  $110,835  
Parallelization of Volume Rendering Algorithms

Edward Angel  
Sandia National Laboratories  $19,588  
Automatic Generation of Multimedia

Edward Angel  
Sandia National Laboratories  $33,607  
Supercomputer Simulation of Macromolecules

Edward Angel  
Sandia National Laboratories  $6,989  
Computer Graphics Simulation of Robotics Systems

Stephanie Forrest  
National Science Foundation  $94,792  
Computer Immunology

Peter Gemmell  
Sandia National Laboratories  $24,845  
Research and Implementation of Modular Arithmetic and Threshold Systems

Paul Helman  
Los Alamos National Laboratory  $12,170  
Investigations of Textual Analysis Techniques

Paul Helman/Robert Veroff  
Los Alamos National Laboratory  $22,939  
Information Analysis Research

James D. Hollan  
Defense Advanced Research Projects Agency  $156,148  
Beyond Imitation: A Strategy for Building a New Generation of HCI Design Environments: Video and WWW Option
George Luger  
Sandia National Laboratories  $73,856  
FASTCAST Expert Gating Systems

Arthur Maccabe  
Sandia National Laboratories  $174,750  
Continued Development of the PUMA Operating System for Massively Parallel Systems

Bernard Moret  
Office of Naval Research  ($5,000)  
Research in Real-Time Targeting

Barak Pearlmutter  
National Science Foundation  $75,000  
PECASE Proposal: Source Separation and Localization Using Neural Networks

Robert Veroff/Paul Helman  
Los Alamos National Laboratory  $362,740  
Software for Export Control

**Electrical and Computer Engineering**

Chaouki Abdallah/Gregory Heileman/Thomas Caudell  
Boeing  $20,000  
Neural Network Research

David Bader  
Sandia National Laboratories  $30,000  
High Performance Computing on SMP Clusters

Thomas Caudell  
Los Alamos National Laboratory  $37,239  
Virtual Reality for Visualizing Complex Systems

Thomas Caudell  
Sandia National Laboratories  $38,135  
Visualization of Complex High Integrity Software Systems

Robert Folger  
Khoral Research, Inc.  $35,246  
Imbedded Application Development

John Gahl  
Air Force Research Laboratory  $165,000  
Investigation of Intense Electromagnetic Transient Phenomenon with Application to Fast Switching Physics

Walter Gerstle/Mohammad Jamshidi  
Air Force Research Laboratory  $492,646  
Deployable Space Structure Research

Walter Gerstle  
Sandia National Laboratories  $50,000  
Finite Element Meshing Approached as a Global Minimization Process (Extension)

Charles Hawkins  
Sandia National Laboratories  $192,748  
State of the Art Research on Large Ethernet Novel/Windows NT

Mohammad Jamshidi  
Montana State University  $21,000  
Stability of Fuzzy Logic Controlled Nonlinear Power Systems

Mohammad Jamshidi/Ron Lumia  
NASA - Washington  $1,495,297  
Center for Autonomous Control Engineering

Mohammad Jamshidi  
National Aeronautics and Space Administration  $300,000  
Center for Autonomous Control Engineering

Mohammad Jamshidi/Nader Vadiee  
NM State University  $28,000  
Experimental Testbeds for Intelligent Robot Controllers Based on Soft-Computing Approaches with Application to Waste

Kishan Kumbla  
Air Force Research Laboratory  $62,993  
IPA

Neeraj Magotra  
Sandia National Laboratories  $23,325  
Synthetic Aperture Radar (SAR) Data Compression

Edl Schamiloglu  
Air Force Office of Scientific Research  $200,252  
Optimization of GaAs Photoconductive Switch Technology for Ultra Wideband Applications
Edl Schamiloglu
Air Force Research Laboratory $10,000
Feasibility of a Stacked Blumlein for an Ultrawideband Source of High Power Microwave Radiation

Edl Schamiloglu/Chaouki Abdallah/Charles Fleddermann
Texas Tech University $360,000
Compact, Low Field, High Energy Microwave Sources

Donald Shiffler
Air Force Research Laboratory $43,553
IPA

Institute for Space Nuclear Power Studies
Mohamed El-Genk
NM State University $55,000
New Mexico Space Grant Consortium NASA Training Grant

Mohamed El-Genk
NM State University $76,301
Decontamination of Transuranic Waste From Equipment Interiors with Plasma Glow Discharges

Mohamed El-Genk
Sandia National Laboratories $66,661
Sandia Environmental Decision Support System Project (SEDSS)

H. Eric Nuttall
NM State University $40,012
Field Testing of Fluorescent Silica Colloids for Contaminated Groundwater Flow Testing

Manufacturing Engineering and Industrial Relations
John Wood/Ron Lumia/Gregory Starr
Department of Energy $660,000
Applied Research in Support of Robotics Technology and Development Program

John Wood
National Science Foundation $469,051
Cross-Training Technicians and Engineers for Semiconductor Manufacturing

Mechanical Engineering
William Baker
Air Force Research Laboratory $4,000
Pressure Sensor Evaluation

William Baker
Sandia National Laboratories $10,000
Develop a Hopkinson Bar Experiment to Examine Cross-axis Sensitivity for Endevco Accelerometers

Marc Ingber
Department of Energy $100,000
1st Principle Micromechanical and Continuum Modeling of Concentrated, Multiphase, Disperse Systems

Marc Ingber
Department of Energy $76,026
Continuum-and Particle-Level Modeling of Concentrated Suspension Flow

Marc Ingber
Sandia National Laboratories $10,000
Numerical Modeling of Encapsulation Processes

Kwang Kim
MAXSTOR, Inc. $5,609
Thermal Storage Research

Kwang Kim/Arsalan Razani
MAXSTOR, Inc. $7,862
A Mid Temperature Thermal Storage System

James Leith
Los Alamos National Laboratory $39,778
Stochastic Processes in Turbulence Modeling

Andrea Mammoli
Sandia National Laboratories $25,000
Particle Level Modeling of Flows of Concentrated Suspensions

Howard Schreyer
Air Force Office of Scientific Research $16,145
Experimental and Numerical Investigations on Failure Mechanisms in Fiber-Reinforced Ceramics

Howard Schreyer, Deborah Sulsky
Sandia National Laboratories $87,936
To Develop a Computational Tool Consisting of a Microstructural-Based Model

Mohsen Shahinpoor
Jet Propulsion Lab $50,000
Low Mass, Compact, Muscle-Actuators Using Electrostrictive Polymer (ESP)

Mohsen Shahinpoor
Sandia National Laboratories $40,360
SMART Material Research
Mohsen Shahinpoor
NASA - Washington $100,000
Design and Development of Intelligent Biomimetic Robots
Powered by Polymeric Artificial Muscles for NASA
Application

Yu-Lin Shen
Oak Ridge Associated Universities $5,000
Thermal Integrity of Next-Generation Interconnection Materials in Microelectronics

Yu-Lin Shen
Sandia National Laboratories $35,000
Modeling of Thermal Stresses and Stress-Induced Void Formation in Metal Interconnects: Part II

Hy Tran
Sandia National Laboratories $35,000
Interferometric Semiconductor Overlay Measurements Using On-Wafer Patterns (SURP)

C. Randall Truman
Arizona State University $1,386
Modeling of Blood Flow in the Heart

C. Randall Truman
Arizona State University $756
Flow Control Using Deformable Surfaces

C. Randall Truman
Arizona State University $2,142
Optical Propagation Through Turbulent Shear Flows

New Mexico Engineering Research Institute
William Browning
Air Force Research Laboratory $129,106
IPA

William Browning
bd Systems, Inc. ($1,016)
Space Systems Acquisition Support

James Carson
Air Force Research Laboratory $100,004
IPA

Barbara Daniels
Bernalillo County $10,983
NM Environmental Health Conference

Norman Falk
Sandia National Laboratories $186,285
Licensing and Agreements

John Gaudet
Air Force Research Laboratory $92,184
IPA

Everett Heinonen
Allied Signal $6,600
CFR of Ethylene Oxide / HFC-227ea/HFC-125

Heather Himmelberger
Boise State University $50,000
Drinking Water Capacity Development Strategies

Heather Himmelberger
Dona Ana County $2,113
Dona Ana County Wastewater Utility Rate Review

Heather Himmelberger
Environmental Protection Agency $102,000
Increasing Water Viability in New Mexico

Heather Himmelberger
Environmental Protection Agency $45,000
Native American Small Water System Capacity Development

Heather Himmelberger
NM Finance Authority $3,000
Assistance With Preparing RFP for Engineering Services Related to the Safe Drinking Water Act State Revolving Fund Program

Heather Himmelberger
Texas Natural Resources Conservation Commission $133,464
TNRCC Capacity Development Work

Peter Jones
Air Force Research Laboratory $150,747
IPA

Lary Lenke
NM Highway and Transportation Department $35,000
Alkali-Silica Reactivity Project

Joe Lifke
Adherent Technologies $22,205
Design and Fabricate Multitow Powder Impregnation System

John Marquis/ Jim Luke
Air Force Research Laboratory $219,997
Orbit Transfer Vehicle Research Facility Support

John Marquis
Foley Company $19,227
Stringent Safety Requirements Analysis
Doug Mather
Applied Research Association, Inc. $149,893
Advanced Streaming Agent Development

Doug Mather
Defense Supply Services $89,000
Main Group Compounds as Extinguishants

Doug Mather
Defense Supply Services $90,709
Tropodegradable Bromocarbon Extinguishants

Doug Mather
National Institutes of Standards and Technology $23,118
Preparation of P3N 3(OCH3)6

Tillman McCarson
Jet Propulsion Lab $24,239
Experimental Manager: Dynamx Program

Tillman McCarson
Sandia National Laboratories $76,972
Thermionic Converters for Test Analysis

John Melin
Air Force Research Laboratory $115,068
IPA

Ted Moore
Koatsu Co. Ltd. $34,463
Develop US EPA SNAP and NFPA 2001 Submittal Data for Nitrogen

Ted Moore
North American Fire Guardian Technology $45,046
Bromoalkane Blends as Fire and Explosion Protection Agents

Ted Moore
Technology Development Foundation of Turkey $5,063
Halon Alternatives Seminar in Turkey

Dennis Morrison
Applied Research Association, Inc. $50,000
Photo Tech Support

Ted Moore
Adherent Technologies $3,984
Development of Single Site Economic Model for Composite Recycling

Dennis Morrison
bd Systems, Inc. $24,903
Space Technology Integration and Demonstration Division, Engineering Analysis Support (Tracy Smith and Ed Barth)

Dennis Morrison
Sandia National Laboratories $86,837
Publication of User Manual for TAIMS

Dennis Morrison
Sandia National Laboratories ($357,362)
Environmental Decision Support and Resource Coalition

Ian Narain
21st Contracting Squadron $19,916
Update Facility Excellence Plan, Cheyenne Mountain Air Station IAW

Ian Narain
21st Contracting Squadron $8,000
Cheyenne Mountain Complex Survivability

Ian Narain
Los Alamos National Laboratory $19,907
User Needs Assessment

John Peterson
Sandia National Laboratories ($8,030)
Intelligence Information System and Dynamic Simulation GIS Projects

Dave Rudeen
Sandia National Laboratories $461,688
WIPP Follow-on

Glen Schmidt
bd Systems, Inc. $81,169
Hydrogen Energy Applications Test (HEAT) Project

Mike Stamm
Air Force Research Laboratory $112,369
IPA

Thomas Stepetic
Bolling Air Force Base ($242,569)
Lodestar Project Management Support

Thomas Stepetic
Defense Nuclear Agency $39,666
TOPAZ II

Robert Tapscott
BP Exploration $50,000
Topodegradable Total Flooding Agent
Robert Tapscott
Allied Signal $86,400
Additives to Reduce or Eliminate the Flammability of Refrigerants, Sterilants, Solvents, Aerosol Propellants, and Foam Blowing Agents

College of Fine Arts

Theatre and Dance

Larry Lavender
NM Endowment for the Humanities $2,000
Second Flamenco History Conference

School of Law

Robert Desiderio
Law School Admissions Council $176,804
LSAC Chair

Robert Desiderio
Roger Williams University School of Law $71,400
IPA for Leo M. Romero

Leo Romero
Franklin Pierce Law Center $56,095
IPA for M. E. Occhialino

Albert Utton
Hewlett Foundation $100,000
Institutional Support for the International Transboundary Resource Center

Institute of Public Law

Paul Nathanson
Bernalillo County $2,500
Assist with the Implementation of the Groundwater Protection Policy and Action Plan

Paul Nathanson
Bernalillo County $20,000
Liquid Waste and Well Ordinance

Paul Nathanson
Fish and Wildlife Service $108,850
Wildlife Law News Quarterly

Paul Nathanson
Geological Survey $40,000
National Geospatial Data Clearinghouse of Biodiversity Data and Information

Paul Nathanson
McCune (Marshall L. & Perrine D.) Charitable Fdn. $13,000
Seminar on Handling Domestic Violence and Family Conflict Cases in McKinley and Los Alamos Counties, New Mexico

Paul Nathanson (Alamos Counties)
NM Administrative Office of the State Courts $40,000
Children's Law Center

Paul Nathanson
NM Children, Youth and Family Department $10,000
Provide Training for Agencies Involved in Investigation and Prosecution of Child Abuse Cases Under Applicable New Mexico Statutes and Regulations

Paul Nathanson
NM Crime Victims Reparation Commission $18,000
S.T.O.P. Violence Against Women Act (VAWA)

Paul Nathanson
NM Environment Department $75,000
Newsletter Production and Other Related Work

Paul Nathanson
NM Health Policy Commission $150,000
State Health Policy Analysis

Paul Nathanson
NM Public Utilities Commission $50,000
Special Counsel to the Commission

Paul Nathanson
NM State Corporation Commission $15,000
Assist the Commission in Reformatting and Revising Transportation Department Rules

Paul Nathanson
NM State Corporation Commission $40,000
Assist the Commission in the Performance of Title Insurance and Other Insurance Related Work

Paul Nathanson
NM Traffic Safety Bureau $10,000
Traffic Safety Forums

Paul Nathanson
NM Traffic Safety Bureau $110,000
Traffic Safety Information Program

Paul Nathanson
NM Traffic Safety Bureau $75,000
Statewide Teen Mobilization Program
Paul Nathanson  
State Justice Institute  $103,081  
Education by the Internet for the New Mexico Judiciary

Paul Nathanson  
The Frost Foundation, Ltd.  $12,000  
Support of the Wild Friends of New Mexico

School of Medicine  
Assistant Dean – AHEC Programs

Joseph V. Scaletti  
DHHS/HRSA/BHP  $216,013  
Interdisciplinary Education in Rural Areas

Joseph V. Scaletti  
NM/DOH/PHD  $8,500  
Interdisciplinary Education in Rural New Mexico

Christopher E. Urbina  
DHHS/HRSA/BHP  $89,075  
Health Education and Training Center

Christopher E. Urbina  
DHHS/HRSA/BHP  $159,211  
Model State Supported AHEC Program

Assistant Dean – Student Affairs and Admissions

Diane J. Klepper  
DHHS/HRSA/BHP  $11,478  
Financial Assistance for Disadvantaged Health Prof. Students

Diane J. Klepper  
DHHS/HRSA/BHP  $22,841  
Scholarships for Disadvantaged Students-Allopathic Medicine

Diane J. Klepper  
DHHS/HRSA/BHP  $34,434  
Scholarships for Students of Exceptional Financial Need

Diane J. Klepper  
The Sperry Fund  $30,000  
Edwin, Frederick and Walter Beinecke Memorial Scholarship

Associate Dean – Cultural Ethnic Programs

Roberto Gomez  
DHHS/HRSA/BHP  $292,973  
Health Careers Opportunity Program

Roberto Gomez  
DHHS/HRSA/BHP  $296,772  
Health Careers Opportunity Program

Christopher E. Urbina  
DHHS/HRSA/BHP  $108,745  
Hispanic Center of Excellence

Center for Non-Invasive Diagnosis

Rex Jung  $2,000  
Lupus Foundation of America  
Neurochemical and Neuropsychological Correlates in SLE

Center for Population Health

David B. Coultas  
Dine College  $71,457  
Uranium Education Project

David B. Coultas  
SmithKline Beecham Pharmaceuticals, Inc.  $95,000  
Feasibility Project for Population-Based Epidemiology Study

Carla J. Herman  
NM/DOH/PHD  $33,277  
Exam Diagnosis Delay/Treatment of B&CC Breast Cancer Cases

Johnnye L. Lewis  
DHHS/CDC/NCEH  $223,979  
Community Education and Training near Nuclear Facilities

Johnnye L. Lewis  
Lawrence Livermore National Laboratory  $23,000  
Mechanisms of Entry for Inhaled Metals into the CNS

Johnnye L. Lewis  
NM/DOH/PHD  $47,311  
Border Health Project

Kristine Tollestrup  
Robert Wood Johnson Foundation  $49,911  
A Program to Reduce Socio-Cultural Barriers to Health Care
Christopher E. Urbina  
COSSMHO $40,000  
Unios Por la Salud a Multi-Site Hispanic Cancer Initiative

**Clinical Research Center**

Paul B. Roth  
DHHS/PHS/NIC $524,235  
General Clinical Research Center

Paul B. Roth  
DHHS/PHS/NIC $1,706,784  
General Clinical Research Center

**Continuing Medical Education**

Martin P. Kantrowitz  
NM/DOH $2,000  
Provide Grand Rounds Presentations at Las Vegas Medical Center

**Department of Biochemistry and Molecular Biology**

Robert H. Glew  
DHHS/PHS/NIC/FIC $104,650  
Minority International Research Training Program (MIRT)

Jeffrey K. Griffith  
US Army Medical Research/Material Command $111,748  
Telomere DNA Content: Survival in Advanced Prostate Cancer

David L. Vanderjagt  
Southern Arizona Foundation $34,257  
Oxidative Stress and Diabetic Nephropathy

**Department of Cell Biology and Physiology**

David G. Bear  
National Science Foundation $200,000  
Termination of Mammalian mRNA Polyadenylation

Oscar A. Bizzozero  
National Multiple Sclerosis Society $95,800  
Nitric Oxide, PLP Acylation & the Pathophysiology of MS

James M. Gale  
DHHS/PHS/NIC $9,146  
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

James M. Gale  
DHHS/PHS/NIC $21,944  
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

James M. Gale  
DHHS/PHS/NIC $52,866  
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

James M. Gale  
DHHS/PHS/NIC $102,924  
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

Nancy L. Kanagy  
American Heart Association $30,000  
Altered Signal Transduction in Vascular Smooth Muscle

Nancy L. Kanagy  
American Heart Association $65,206  
Mechanism of Elevated Vascular a2-adrenoceptor Sensitivity

Nancy L. Kanagy  
American Physiological Society $1,500  
Porter Physiology Development Award

Ronald D. Ley  
DHHS/PHS/NIC $210,816  
Induction of Melanoma with UV-A

Ronald D. Ley  
DHHS/PHS/NIC $237,010  
Induction of Melanoma with UV-A

Eric Prossnitz  
American Heart Association $43,780  
Mechanisms of Chemoattractant Receptor Activation

Eric Prossnitz  
DHHS/PHS/NIC $238,879  
Mechanisms of Leukocyte Activation and Chemotaxis

John A. Trotter  
National Science Foundation $70,000  
Molecular Organization in Mutable Collagenous Tissues

John A. Trotter  
National Science Foundation $71,000  
Molecular Organization in Mutable Collagenous Tissues

Benjamin R. Walker  
DHHS/PHS/NHLBI $29,600  
Vasodilatory Mechanisms during Pulmonary Hypertension (Resta)
Benjimen R. Walker  
D H S/P H S/N H I/N H L B I  $31,492  
Vasodilatory Mechanisms during Pulmonary Hypertension (Resta)

**Department of Emergency Medicine**

Judith C. Brillman  
N M/ D O H/ P H D/ I P E M S B  $9,185  
Prevalence of Hepatitis C in EMS Personnel

Paul R. Cheney  
City of Albuquerque $24,168  
Medical Directorship

Paul R. Cheney  
Isleta Pueblo $7,500  
Medical Director for Isleta Pueblo

Paul R. Cheney  
Olive View-UCLA $14,000  
Emergency-ID Net

Cameron S. Crandall $46,000  
University of Texas Health Sciences-Tyler  
Agricultural Injury Issues among Navajo Families

John K. Gaffney  
Gathering of Nations $1,515  
Medical Coverage

John K. Gaffney  
International Arabian Horse Association $4,607  
Medical Coverage

John K. Gaffney  
Mednet Ambulance Service, Inc. $10,700  
EMS Program

John K. Gaffney  
N M/ D O H/ P H D $4,918  
Medical Directors Continuing Education

Mark Hauswald  
Albuquerque Ambulance Service $38,000  
EMS Education and Training

Mark Hauswald  
City of Albuquerque $28,018  
AFD Paramedic Course

Mark Hauswald  
N M/ D O H/ P H D $7,829  
To Prepare Testing/Training Jump Kits

Barry J. Krakow  
D H S/P H S/N H I/N M H  $227,604  
Treatment of Nightmares in Rape Victims with PTSD

Barry J. Krakow  
N M/ C V R C  $28,135  
An Innovative Approach to Preventing PTSD

Lenora M. Olson  
N M Crime Victims Reparation Commission $36,000  
EMS Curriculum for Sexual Assault Prevention

Lenora M. Olson  
N M/ Highway Department $40,000  
Pedestrian Safety Project

Robert E. Sapien  
D H S/P H S/N H I/N H L B I $83,633  
Asthma Academic Award

David P. Sklar  
Bernalillo County Fire Department $34,304  
Medical Director

David P. Sklar  
Isleta Pueblo $7,500  
Medical Director for Isleta Pueblo

David P. Sklar  
N M/ D O H/ P H D $64,998  
EMS for Children Partnership Grant

David P. Sklar  
N M/ D O H/ P H D/ I P E M S $25,000  
Injury in New Mexico

David P. Sklar  
State of New Mexico $82,287  
State EMS Medical Director and Medical Advisor

**Department of Family and Community Medicine**

Cristina Beato  
N M/ C Y F D  $48,000  
Physician Services to Y D D C/N ew M exico Girls School

Cristina Beato  
N M/ G S D/ R M D  $150,324  
Workers Compensation Treatment Program
Marc G. Bulterys
World AIDS Foundation $99,938
AIDS Behavioral and Epidemiologic Studies Training (AIDS-BEST)

Bonnie M. Duran
Navajo Nation $70,000
HIV Service Delivery

Betty Jo Fairbanks
NM/DOH/PHD $19,991
Development of Social/Community Epidemiology Curriculum

Betty Jo Fairbanks
NM/DOH/PHD $15,738
Public Health Training

Betty Jo Fairbanks
NM/DOH/PHD $9,770
Turning Point Assessment

Warren A. Heffron
Educational Comm. - Foreign Medical Grads. $21,000
Short Term Exchange Fellowship

Arthur Kaufman
Albuquerque T-VI $23,000
Professional Services Contract

Arthur Kaufman
Bernalillo County Detention Center $25,000
Professional Services Contract

Arthur Kaufman
DHHS/HRSA/BHP $175,643
Building Models of Graduate Medical Education

Arthur Kaufman
NM/DOH/PHD/HSB $30,000
School Based Health Center

Arthur Kaufman
Presbyterian Medical Services $128,810
Mountainair Family Health Center

Arthur Kaufman
Presbyterian Medical Services $392,805
Professional Services Contract - Cuba

Arthur Kaufman
Sierra Vista Hospital $200,357
Professional Services Contract

Robert D. Lindeman
Paloma Blanca Health & Rehabilitation $14,136
Medical Director Services

Cynthia Lopez
New England Medical Center $22,047
Eco-Social Determinants of Health

Martha Cole McGrew
DHHS/HRSA/BHP $118,800
Undergraduate Training in Family and Community Medicine

Robert L. Rhyne Jr.
Manzano Del Sol Good Samaritan Village $24,000
Professional Services Agreement

Kerrie R. Seeger
NM/DOH/DDD $40,143
JPA TEASC Program

Kerrie R. Seeger
NM/DOH/DDD $26,099
JPA TEASC Program

Kristine Tollestrup
NM/DOH/PHD $8,899
Technical Assistance to the Breast and Cervical Cancer Program

Berthold E. Umland $12,979
Presbyterian Medical Services
Ortiz Mountain Health Center

Howard B. Waitzkin
DHHS/NIH/NIMH $16,967
Somatization in Refugees and Others Seeking Primary Care

Howard B. Waitzkin
NM/DOH/PHD $20,000
Medicaid Managed Care in New Mexico

Howard B. Waitzkin
University of California $7,500
Clinical Cross-Cultural Mental Health Services Research

Nina B. Wallerstein
DHHS/HRSA/MCHB $25,000
SW Rocky Mountain Maternal and Child Health Institute Network
Nina B. Wallerstein
DHHS/PHS/NIH/NIAAA $322,239
Minority Alcohol Substance Abuse Prevention

Nina B. Wallerstein
NM/DOH/PHD $30,261
Turning Point Training and Technical Assistance

Nina B. Wallerstein
State of New Mexico $2,000
Planning Analysis for the Development of Primary Care

Department of Medicine
Sanjeev Arora
Amgen, Inc. $119,820
Clinical Trial Agreement

Sanjeev Arora
Heel Homeotherapeutics $99,975
Clinical Study Agreement

Arthur D. Bankhurst
Immunex Corporation $70,000
Open Label Extension Treatment Trial

Arthur D. Bankhurst
Merck Research Labs $59,184
Clinical Trial Agreement

Arthur D. Bankhurst
Merck Research Labs $88,320
Clinical Trial Agreement

Arthur D. Bankhurst
Merck Research Labs $66,240
Clinical Trial Agreement

Mark R. Burge
SmithKline Beecham Pharmaceuticals, Inc. $24,790
Clinical Study: Patients with Non-Insulin Dependant Diabetes

Thomas F. Byrd
DHHS/PHS/NIH/NIAID $88,200
Iron and TNF in Cytokine Restriction of M. Tuberculosis

Rezo M. Cataldo
Mt. Sinai Medical Center $66,363
Mode Selection Trial in Patients with Sinus Node Dysfunction

Michael H. Crawford
St. Louis University $47,620
Esmolol Myocardial Ischemia Trial (EMIT)

Richard E. Crowell
Inhalation Toxicology Research Institute $208,826
Markers for Lung Carcinogenesis in Bronchial Epithelium

Terry W. Duclos
DHHS/PHS/NIH/NIAID $147,449
C-Reactive Protein-Receptors, Ligands and Autoimmunity

R. Philip Eaton
DHHS/PHS/NIH/NCRR $210,556
Enhancing Multidisciplinary Biomedical Research in NM

R. Philip Eaton
Howard Hughes Medical Institute $700,000
UNM SOM Institution Application

Hashem B. El-Serag
Glaxo Wellcome $35,000
Outcomes and Natural History of Reflux Esophagitis

M. Mazen Jamal
Astra Merck Pharmaceuticals $44,400
Clinical Trial Agreement

M. Mazen Jamal
Astra Merck Pharmaceuticals $58,580
Clinical Trial Agreement

M. Mazen Jamal
Astra Merck Pharmaceuticals $69,029
Clinical Trial Agreement

M. Mazen Jamal
Schering Corp. (Integrated Therapeutics) $54,000
Study on Chronic Hepatitis C

David Sheldon James
New Mexico Miner's Colfax Medical Center $104,400
Miner's Colfax Medical Center Contract for Services

Diane J. Klepper
Albuquerque T-VI $32,946
Respiratory Therapy Educational Program

Howard Levy
Bayer Pharmaceutical Division $40,039
Study of Patients with Non-shock Sepsis
Howard Levy
Abbott Laboratories $36,000
Magnetic Tube Placement Device: Safety and Efficacy Study

Howard Levy
Hemocleanse, Inc. $17,351
The Biologic DTPF System for Treatment of SIRS

Howard Levy
Ross Products Division $49,547
Comparison of Option One and Polymeric Enteral Feeding

Howard Levy
Schering Plough Research Institute $37,760
Clinical Trial Agreement

Robert D. Lindeman
DHHS/HRSA/BHP $325,426
Geriatric Education Center

Gregory J. Mertz
DHHS/CDC $129,680
STD Faculty Expansion Program

Gregory J. Mertz
Gilead Sciences, Inc. $47,125
Clinical Study on Influenza Infection

Gregory J. Mertz
Glaxo Wellcome and Herpes Advice Center $72,001
Clinical Trial Agreement

Gregory J. Mertz
NM/DOH/PHD $446,250
HIV/AIDS Health Management Alliance

Gregory J. Mertz
Schering Plough Research Institute $56,244
Clinical Trial Agreement

Gregory J. Mertz
SmithKline Beecham Pharmaceuticals $60,125
Clinical Trial Agreement

Pope L. Moseley
DHHS/NIH/NIMH $220,806
Heat Stroke and Hyperthermia: Applied Molecular Mechanisms

David S. Schade
Case Western Reserve University $17,198
Epidemiology of Diabetes Intervention and Complications

David S. Schade
DHHS/PHS/NlH/NICH D $34,721
Short-Term Training: Students in Health Professional School

David S. Schade
DHHS/PHS/NlH/NIDDK $817,386
Diabetes Prevention Program

David S. Schade
George Washington University $4,000
Diabetes Prevention Program Tool Box

David S. Schade
George Washington University $21,601
Provide Carotid Ultrasounds

Mark R. Schuyler
DHHS/PHS/NHlB $171,019
Experimental Occupational Hypersensitivity Pneumonitis

Mark R. Schuyler
DHHS/PHS/NHlB $172,741
Experimental Occupational Hypersensitivity Pneumonitis

Vallabh O. Shah
Dialysis Clinic, Inc. $50,000
Variability in Structure/Expression of Aldose Reductase Gene

Bruce K. Shively
Interneuron Pharmaceuticals, Inc. $40,000
Clinical Trial Agreement

Bruce K. Shively
Otsuka America Pharmaceutical, Inc. $294,480
Phase III Comparative Efficacy and Safety Study

T. Craig Timm
Innovex/Searle & Co. $62,226
Efficacy and Safety Clinical Trial Agreement

Sylvia Vela
Unimed Pharmaceuticals $72,900
Clinical Trial on Hormone Replacement

Sylvia Vela
Unimed Pharmaceuticals $102,000
Clinical Trial on Hormone Replacement

S. Bruce Williams
ClinTrials Research, Inc. $8,000
Phase III Open Label Protocol of 1592u89
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Funding Agency</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. Bruce Williams</td>
<td>DHHS/PHS/NIAID</td>
<td></td>
<td>$794,640</td>
<td>Community Programs for Clinical Research on AIDS</td>
</tr>
<tr>
<td>Philip G. Zager</td>
<td>Lovelace Health Systems</td>
<td></td>
<td>$180,000</td>
<td>Nephrology Coverage</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department of Molecular Genetics and Microbiology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hattie Gresham</td>
<td>Biomedical Research Institute - New Mexico</td>
<td></td>
<td>$40,915</td>
<td>TGFbeta-Mediated Suppression of Host Defense</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steven P. Nickell</td>
<td>DHHS/PHS/NIAID</td>
<td></td>
<td>$146,256</td>
<td>t Cell-Dependent Modulation of Exp'1 Lyme Arthritis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jac A. Nickoloff</td>
<td>DHHS/PHS/NIAID/NCI</td>
<td></td>
<td>$200,518</td>
<td>Genetic and Physical Analysis of Recombinational Repair</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jac A. Nickoloff</td>
<td>DHHS/PHS/NIAID/NCI</td>
<td></td>
<td>$182,702</td>
<td>Mechanisms of DNA Damage Induced Recombination</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David S. Peabody</td>
<td>DHHS/PHS/NIH/NIGMS</td>
<td></td>
<td>$180,971</td>
<td>The RNA-Binding Site of a Translational Repressor</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephanie W. Ruby</td>
<td>National Science Foundation</td>
<td></td>
<td>$90,000</td>
<td>Interactions in the Yeast Spliceosome</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jesse W. Summers</td>
<td>DHHS/PHS/NIAID/NCI</td>
<td></td>
<td>$541,560</td>
<td>Persistent Infections by Hepadnaviruses</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosette M. Wheeler</td>
<td>DHHS/PHS/NIAID</td>
<td></td>
<td>$7,500</td>
<td>HPV Testing by PCR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosette M. Wheeler</td>
<td>DHHS/PHS/NIAID</td>
<td></td>
<td>$602,270</td>
<td>Natural History Studies of HPV Infection</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosette M. Wheeler</td>
<td>DOD</td>
<td></td>
<td>$70,800</td>
<td>Multiplex PCR-Based Determination of Genetic Polymorphisms</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephen A. Young</td>
<td>Sandia National Laboratories</td>
<td></td>
<td>$50,222</td>
<td>CBN P Standoff Sensors Project</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department of Neurology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Berlex Laboratories</td>
<td></td>
<td>$57,270</td>
<td>Clinical Trial Agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Biogen, Inc.</td>
<td></td>
<td>$103,162</td>
<td>Clinical Study Agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>University of Maryland</td>
<td></td>
<td>$24,960</td>
<td>Long-Term Open Label Study of Copaxone</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glenn D. Graham</td>
<td>Astra USA</td>
<td></td>
<td>$193,332</td>
<td>Clinical Study Agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glenn D. Graham</td>
<td>Columbia-Presbyterian Medical</td>
<td></td>
<td>$79,998</td>
<td>GAIN Americas Study</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Raul N. Mandler</td>
<td>Quintiles Pacific &amp; Sanofi Research</td>
<td></td>
<td>$300,272</td>
<td>Study of Patients with Amyotrophic Lateral Sclerosis (ALS)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>DHHS/IHS</td>
<td></td>
<td>$4,400</td>
<td>Pediatric Neurology Clinics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>NM/DOH/PHD</td>
<td></td>
<td>$38,760</td>
<td>Outreach Pediatric Neurology Clinic in New Mexico</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yoshio Okada</td>
<td>DHHS/PHS/NINDS</td>
<td></td>
<td>$219,745</td>
<td>Evaluation of MEG as a Current Source Imaging Technique</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yoshio Okada</td>
<td>Henry Ford Hospital</td>
<td></td>
<td>$11,268</td>
<td>Study of Cortical Spreading Depression</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gary A. Rosenberg</td>
<td>DHHS/IHS</td>
<td></td>
<td>$15,000</td>
<td>Adult Neurology Consultation Clinics</td>
</tr>
</tbody>
</table>
Gary A. Rosenberg  
Henry Ford Hospital  $32,017  
Halt Stroke Study - Hu23FG

Department of Neurosciences  
Andrea M. Allan  
D H H S/P H S/N I H/N I A A A $59,292  
Alcohol Actions: A Pharmacogenetic Approach

John A. Connor  
D H H S/P H S/N I H/N I N D S $277,385  
Altered C A 2+ Homeostasis in Post-Ischemic Neuron Death

John A. Connor  
H offmann-La Roche, Inc. $130,006  
Roche Bridging Grant

N o r a Perrone-Bizzozero  
D H H S/P H S/N I H/N I A A A $138,168  
A R N D: Impact on Synaptic Plasticity M echanisms

N o r a Perrone-Bizzozero  
D H H S/P H S/N I H/N I N D S $71,257  
M echanisms of Control of the G A P-43 G e n e

M ichael C. Wilson  
D H H S/P H S/N I H/N I M H $239,685  
S N A P-25 Expression and Hyperactivity in Coloboma Mice

Department of Obstetrics and Gynecology  
L u i s B. Curet  
C ity of Albuquerque  $225,000  
C asita de M ilagros

L u i s B. Curet  
P fizer, Inc. $6,000  
Visiting Professorship Diabetes in Pregnancy Program

M axine H. Dorin  
M arch of D imes Birth D efects Foundation $1,500  
S pani sh Language Video for P renatal C are O rientation

M axine H. Dorin  
N o v o N ordisk $103,200  
C linical Trial on Postmenopausal Osteoporosis

M axine H. Dorin  
N M /D O H/P H D $149,290  
M & I A lbuquerque F amily Planning

M axine H. Dorin  
State of N ew M exico  $50,000  
B reast and C ervical D etection and C ontrol Program

M axine H. Dorin  
State of N ew M exico  $20,000  
N ew M exico P renatal C are N etwork

M axine H. Dorin  
State of N ew M exico  $133,901  
N ew M exico P renatal C are N etwork

M ichael O. Gardner  
J H P I E G O C orporation $12,000  
T raining in R eproductive H ealth P roject

M ichael O. Gardner  
J H P I E G O C orporation $33,500  
T raining in R eproductive H ealth P roject

K aren G eorge  
B erlex L aboratories $142,034  
S tudy of O ral C ontraceptives in T reatment of P M S

G loria E. Sarto  
N M /D O H/PH D $179,400  
M aternity and I nfant W I C P rogram

M elissa A. Schiff  
M ountain S tates R egional G enetic S ervices N etwork $2,338  
U tilization of P renatal S creening T ests in N ew M exico

Department of Orthopaedics  
M oheb S. M oneim  
N ew M exico H ockey C lub, I nc. $4,000  
P rofessional S ervices

Department of Pathology  
M . K athryn F oucar  
P rotein D esign L abs, I nc. $38,016  
H U M 195 in E lderly A M L PTS

M . K athryn F oucar  
P rotein D esign L abs, I nc. $8,640  
P hase II S M A R T M 195 C linical T rial

K enneth D. F riedman  
M ED SEP C orporation $27,112  
I n V itro E valuation of the L ekotrap C old F ilter S ystem
Eric Gold  
Medsep Corporation  $26,873  
Clinical Trial Agreement

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID  $27,557  
Development of Animal Model for Hantavirus (Moran)

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID  $252,592  
Ecology of Hantavirus Infections: Immune Interventions

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID  $266,834  
Sentinel Surveillance for Four Corners Hantavirus

Walter Kisiel  
DHHS/PHS/NIH/NIH  $223,902  
Human Factor VII and Tissue Factor

Mary F. Lipscomb  
American Lung Association  $80,000  
Asthma Research Center

Mary F. Lipscomb  
DHHS/PHS/NIH/NIH  $1,123,710  
Immune Dysregulation and Allergic Asthma

Mary F. Lipscomb  
Inhalation Toxicology Research Institute  $67,836  
Cigarette Smoke and the Induction of Allergic Asthma

Mary F. Lipscomb  
The Reference Laboratory  $36,400  
Medical Director Agreement

Mary F. Lipscomb  
United Blood Services  $53,000  
Medical Director Agreement

Mary F. Lipscomb  
United Blood Services  $55,120  
Medical Director Agreement

Barbara J. Masten  
DHHS/PHS/NIH/NIH  $29,900  
Role of Lung Dendritic Cells in Pulmonary Immunity

Kurt B. Nolte  
DHHS/CDC/NCEH  $60,676  
Interagency Personnel Agreement

Janet M. Oliver  
DHHS/PHS/NIH/NIGMS  $213,104  
Signaling Activity of IgE Receptor Subunits

Thomas M. Williams  
National Marrow Donor Program  $70,000  
HLA Class I High Resolution Typing

Thomas M. Williams  
National Marrow Donor Program  $23,870  
High Resolution HLA Class II Typing

Bridget S. Wilson  
DHHS/PHS/NIH/NIGMS  $103,575  
Molecular Mechanisms of Mast Cell Secretion - Role of Rab

Bridget S. Wilson  
Howard Hughes Medical Institute  $30,000  
Research Training Fellowship for Medical Students

Department of Pediatrics

Javier Aceves  
NM/DOH  $290,000  
Continuum of Care

Javier Aceves  
NM/DOH  $669,997  
Continuum of Care

Joseph Aguirre  
NM Advocates for Children and Families  $130,000  
Home Visitation

Joseph Aguirre  
City of Albuquerque  $108,600  
Young Children’s Health Center

Joseph Aguirre  
NM/DOH/PHD  $10,061  
Young Children’s Health Center

Carol L. Clericuzio  
NM/DOH/PHD  $46,490  
Clinical Geneticist Professional Services

Sally M. Davis  
DHHS/CDC/NCCDPHP  $352,700  
Center for Health Promotion in American Indian Communities
<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Funding Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sally M. Davis</td>
<td>Prevention Center BRFSS Network</td>
<td>DHHS/CDC/NCCDPHP</td>
<td>$5,909</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>Youth Response to Tobacco Control Policies</td>
<td>DHHS/CDC/NCCDPHP</td>
<td>$49,890</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>Pathways: Prevention of Obesity among Navajo Youth</td>
<td>DHHS/PHS/NHNLBI</td>
<td>$23,057</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>Pathways: Prevention of Obesity among Navajo Youth</td>
<td>DHHS/PHS/NHNLBI</td>
<td>$1,097,539</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>Multi-faceted Substance Abuse Prevention for American-Indian</td>
<td>NM/DOH</td>
<td>$40,000</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>ACL School Health Program</td>
<td>NM/DOH/PHD/HSB</td>
<td>$20,000</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>State of New Mexico</td>
<td>NM/DOH</td>
<td>$15,848</td>
</tr>
<tr>
<td>Sally M. Davis</td>
<td>University of Alabama/Birmingham</td>
<td>DHHS/ACF</td>
<td>$12,788</td>
</tr>
<tr>
<td>Susan C. Forster-Cox</td>
<td>Effective School Health Network</td>
<td>DHHS/CDC/NCCDPHP</td>
<td>$18,000</td>
</tr>
<tr>
<td>Jami Frost</td>
<td>Pediatric Oncology Group</td>
<td>University of Oklahoma HSC</td>
<td>$6,386</td>
</tr>
<tr>
<td>Deborah Helitzer-Allen</td>
<td>Healthier Schools Evaluation</td>
<td>NM/DOH/PHD/HSB</td>
<td>$102,774</td>
</tr>
<tr>
<td>Andrew C. Hsi</td>
<td>Los Pasos: A Program to Prevent Abandonment of Infants</td>
<td>DHHS/ACF</td>
<td>$450,000</td>
</tr>
<tr>
<td>Andrew C. Hsi</td>
<td>Integrated Primary Care and Behavioral Health Services</td>
<td>DHHS/PHS/SAMHS</td>
<td>$493,000</td>
</tr>
<tr>
<td>Andrew C. Hsi</td>
<td>Provision of Early Intervention Mental Health Services</td>
<td>NM/CYFD</td>
<td>$76,934</td>
</tr>
<tr>
<td>John D. Johnson</td>
<td>Endocrine Outreach Clinic</td>
<td>NM/DOH/PHD/CMS</td>
<td>$18,192</td>
</tr>
<tr>
<td>Robert W. Katz</td>
<td>Pediatric Pulmonary Center and Uniform Database Information System</td>
<td>DHHS/HRSA/MCHB</td>
<td>$325,704</td>
</tr>
<tr>
<td>Roberta Krehbiel</td>
<td>Care Continuity Program</td>
<td>NM/DOH/PHD/DDD</td>
<td>$37,597</td>
</tr>
<tr>
<td>Roberta Krehbiel</td>
<td>Care Continuity Program</td>
<td>NM/DOH/PHD/DDD</td>
<td>$145,717</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>ACCESS</td>
<td>DHHS/ACF</td>
<td>$82,680</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>NM UAP Program for Persons with Developmental Disabilities</td>
<td>DHHS/ACF</td>
<td>$200,000</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico LEND</td>
<td>DHHS/HRSA/MCHB</td>
<td>$441,045</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Navajo Way Project</td>
<td>Navajo Way, Inc.</td>
<td>$33,635</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Single Resource Center</td>
<td>NM/DOH</td>
<td>$51,601</td>
</tr>
</tbody>
</table>
Catherine McClain
N M /D O H /P H D  $822,889
M edically Fragile

Catherine McClain
N M /D O H /P H D /C M S  $7,827
P rofessional Services Contract (Judy Ledman)

Catherine McClain
N M /S D E /D V R  $5,000
N M  T A P

Catherine McClain
S tate of N ew M exico  $35,991
A ssistive Technology

Catherine McClain
S tate of N ew M exico  $984,405
N et  N ew M exico

Catherine McClain
S tate of N ew M exico  $1,112,805
P IE Program

Catherine McClain
U .S . D epartment of E ducation  $167,581
N a‘Nitin

Catherine McClain
U .S . D epartment of E ducation  $179,884
P roject D ISC U SS

Catherine McClain
U .S . D epartment of E ducation  $139,950
P roject SEED

Catherine McClain
U tah S tate U niversity  $13,000
I ndian C hildren’s P rogram

Catherine McClain
U tah S tate U niversity  $270,743
I ndian C hildren’s P rogram

Catherine McClain
U tah S tate U niversity  $335,777
I ndian C hildren’s P rogram

Jane W . M cGrath
N M /D O H /P H D  $118,290
S chool H ealth O fficer

Bennie Jr. M cWilliams
3 M  C ompany  $44,640
C omparison of H FA-134a B eclomethasone V s D iproionate

Bennie Jr. M cWilliams
D H H A/P H S/N I H /N H LBI  $410,375
C linical C enter for C hildhood A sthma A management P rogram

Shirley J. M urphy
U niversity of M aryland  $119,486
C ollective S tudy on t he G enetics of A sthma

Renee Rita O rnelas
N M /D O H /P H D /M C H B  $210,000
P ara L os N inos P rogram

Lucille A. P apile
D H H S/H R S A/M C H B  $198,892
C oopera tive M ulticenter N eonatal R esearch N etwork

Lucille A. P apile
S tate of N ew M exico  $9,439
N IC U  S tatewide F ollow-up P rogram

Carolyn H. R ichardson
D H H S/H R S A/M C H B  $30,000
C ultural A spects of H ealth C are

Susan M. S cott
N ew M exico P ediatric S ociet y  $17,488
S ervice A greement

Susan M. S cott
N M /D O H /P H D /C M S  $75,000
P ediatric O ncology S ervices

Susan M. S cott
U niversity of C olorado  $16,298
T ed R . M ontoya H emophilia C enter

Susan M. S cott
U niversity of C olorado  $16,325
T ed R . M ontoya H emophilia C enter

Susan M. S cott
U niversity of C olorado  $16,325
T ed R . M ontoya H emophilia C enter

M arsha M . T hompson
C ystic F ibrosis F oundation  $32,632
C ystic F ibrosis C enter of N ew M exico

Stuart S. W inter
N ew M exico C hildren’s C ancer F und  $5,000
A poptosis in C hildhood T -C el Acute L ymphoblastic L eukemia
Department of Psychiatry

Robert A. Bailey
DHHS/IHS $4,800
Second Year Fellow Consultation

Robert A. Bailey
DHHS/IHS $24,949
Specialized Mental Health

Robert A. Bailey
Hogares, Inc. $10,000
Second Year Fellow Consultation

Robert A. Bailey
Laguna Middle School $29,153
Professional Services

Michael Bogenschutz
Eli Lilly and Company $49,100
Comparison of Olanzapine and Haloperidol

Michael Bogenschutz
NM/DOH/LVMC $3,000
LVMC Training-Models of Addiction

Richard A. Campbell
NM/DOH/PHD $15,000
Professional Services Contract

David Graeber
NARSAD $60,000
Motivational Interview of those with Comorbid Schizophrenia

Lee R. Hammond III
Hoechst Marion Roussel, Inc. $99,110
Clinical Trial Agreement

Lee R. Hammond III
Hoechst Marion Roussel, Inc. $368,650
Clinical Trial Agreement

Samuel J. Keith
La Clinica del Pueblo de Rio Arriba County $11,000
Professional Services

Samuel J. Keith
Las Clinicas del Norte $11,000
Professional Services

Samuel J. Keith
NM/DOH/ASD/NMVC $5,100
Professional Services Agreement

Samuel J. Keith
NM/DOH/MHD $99,000
Rural Public Psychiatry

Samuel J. Keith
NM/DOH/PHD/HSB $83,000
School Based Mental Health

John Lauriello
Janssen Pharmaceuticals $44,100
Clinical Trial Agreement

John Lauriello
Janssen Research Foundation $60,000
Study for Treatment of Schizophrenia

John Lauriello
Janssen Research Foundation $64,000
Study for Treatment of Schizophrenia Extension

Jean Lisiak
Bureau of Indian Affairs $25,000
Social Work Training

Jean Lisiak
DHHS/IHS $18,000
Social Work Head Start Services

David James Mullen
Bernalillo County $35,000
Bernalillo County Juvenile Detention Center

H. George Nurnberg
Bristol Myers Squibb $94,900
Clinical Trial Agreement

H. George Nurnberg
Eli Lilly & Company $233,460
Clinical Trial Agreement

H. George Nurnberg
LIPHA Pharmaceuticals $225,300
Double-Blind, Placebo-Controlled Safety and Efficacy Study

Stephen R. Perls
DHHS/IHS $31,180
IHS Behavioral Health Quarterly Training

Stephen R. Perls
DHHS/PHS/IHS $5,000
Rural Mental Health Research Conference

Alison Reeve
Janssen Research Foundation $5,000
Electroencephalographic Measures of Atypical Antipsychotic
Laura Weiss Roberts  
Bristol-Myers Squibb $7,000  
Enduring Impact of Fellowships on Careers of Residents

Laura Weiss Roberts  
DHHS/PHS/NIH/NIMH $144,400  
Vulnerability and Informed Consent in Clinical Research

Laura Weiss Roberts  
DHHS/PHS/NIH/NIMH $144,846  
Vulnerability and Informed Consent in Clinical Research

Joel Seltzer  
City of Albuquerque $391,820  
Bernalillo County Detention Center Psychiatric Services

Helene B. Silverblatt  
City of Albuquerque $101,502  
Comprehensive Childhood Development Program

Peter M. Thompson  
The Seaver Institute $30,000  
Measurement of Brain Specific Proteins and Their Relation

Luis A. Vargas  
Bureau of Indian Affairs $27,593  
Professional Services Agreement to Laguna

Luis A. Vargas  
Bureau of Indian Affairs $28,872  
Professional Services Agreement to Sky City

Joel Yager  
DHHS/PHS/NIH/NIMH $300,007  
Training Minority Faculty for Services Research

Department of Radiology
Cheryl J. Aine  
DHHS/PHS/NIH/NEI $132,454  
Neuromagnetic Mapping of Multiple Visual Areas in Humans

Fred A. Mettler Jr.  
Picker International $40,000  
Fellow Support

Department of Surgery
Nevan G. Baldwin  
Parke-Davis Pharmaceutical $160,000  
Study for Patients with Severe Head Injury

Edward C. Benzel  
Lovelace, Inc. $300,000  
Contract Provider Agreement

Edward C. Benzel  
Veterans Administration Medical Center $506,188  
Neurosurgical Services

Jack C. de la Torre  
Carolwood Corporation $11,441  
Effects of MS on Spatial Memory Dysfunction

Gerald Demarest  
Pharmadigm, Inc. $34,496  
Clinical Study Agreement

Fabrizio Follis  
American Heart Association $24,917  
Protection of White/Gray Matter during Spinal Cord Injury

Donald E. Fry  
Janssen Research Foundation $85,120  
Evaluate the Efficacy/Safety/Tolerability of Enterokinetic

Donald E. Fry  
Merck $126,350  
Clinical Trial Agreement

Donald E. Fry  
MTRA/Wyeth Ayerst $44,000  
Drug Comparison for Perforated Appendicitis

Donald E. Fry  
Schering-Plough Research Institute $17,870  
Clinical Trial Agreement

Donald E. Fry  
Schering-Plough Research Institute $19,700  
Clinical Trial Agreement

Fred S. Herzon  
Veterans Administration Medical Center $324,480  
Otolaryngology Services

Mark Langsfeld  
Lifeline Foundation $2,000  
Student Research Fellowship - Thurmond

Mark Langsfeld  
Lovelace Medical Center $46,000  
Provide Vascular Surgery On Call
Mark Langsfeld  
Veterans Administration Medical Center  $72,576  
VAMC-BOA Vascular Surgery Physician Services

Mark Langsfeld  
Veterans Administration Medical Center  $90,720  
VAMC-BOA Vascular Surgery Physician Services

Gregory S. H. Ogawa  
Ethicon, Inc. $4,000  
Medical Illustrations of Single Wound, In Situ Tying

Gregory S. H. Ogawa  
Kestrel Corporation $16,100  
Multispectral Fundus Imaging System

Gregory S. H. Ogawa  
New Mexico Lions Eye Bank  $5,000  
Donor Cornea Screening Project - Stage 1

Mark L. Schluter  
State of New Mexico  $56,715  
Emergency Eye Care and Vocational Rehabilitation Programs

**Health Plan Development and Relations**  
Daniel J. Derksen  
Hidalgo Medical Services $120,000  
Consulting Services Agreement

Daniel J. Derksen  
Lovelace Clinic Foundation $37,200  
Managed Care Curriculum

**Longitudinal Evaluation Program**  
Betty J. Skipper  
NBM E Medical Education Research Fund $25,424  
Measure the Comprehensive Abilities of Student Physicians

**Medical Lab Sciences Program**  
Barbara A. Fricke  
Albuquerque-T-VI $53,217  
MLT Teaching Contract

**Minority Biomedical Sciences Graduate Program**  
William R. Galey, Jr.  
Howard Hughes Medical Institute $30,000  
Predoctoral Fellowship in Biological Sciences

**NM State Scientific Lab Division**  
Paul B. Roth  
NM Scientific Lab Division  $88,000  
State Lab Services

**Office of the Dean**  
Paul B. Roth  
DHHS/PHS/NIH/NCCR  $750,000  
Extramural Research Facilities Construction Grant-Floor 4

**Office of the Medical Investigator**  
Patricia J. McFeeley  
NM/DOH/PHD  $68,500  
New Mexico Sudden Infant Death Syndrome Program

Ross E. Zumwalt  
CJ Foundation for SIDS  $500  
Express Grant to Attend National SIDS Conference

**College of Nursing**  
Judith M. Brown  
City of Albuquerque  $25,000  
Gehm City

Jeannette Marie Cochran  
DHHS/HRSA/BHP  $74,509  
Professional Nurse Traineeship

Sandra Ferketich  
DHHS/HRSA/BHP  $67,587  
Professional Nurse Traineeship

Catherine Harris  
NM/Aging $138,000  
Alzheimer's Consultation, Education, and Training Project

Sharon Lynette Lewis  
DHHS/PHS/NIH/NINR  $307,648  
Relaxation Therapy for Alzheimer's Caregivers

Donea Lynne Shane  
DHHS/HRSA/BHP  $37,171  
Scholarships for Disadvantaged Students-Nursing

Donea Lynne Shane  
Robert Wood Johnson Foundation  $65,661  
Colleges in Caring
Dianna J. Shomaker
Navajo Nation $32,092
RS-BSN Program

College of Pharmacy
Blaine Benson
Sandia National Laboratories $30,652
Hazardous Materials Emergency Response

Jerry Lynn Born
PDT, Inc. $60,216
Eight Month Stability Evaluation of Colloidal Dispersion

Scott W. Burchiel
DHHS/PHS/NIH/NIEHS $306,153
Immunotoxicity of Polycyclic Aromatic Hydrocarbons

Craig Marcus
Lovelace Respiratory Research Institute $33,222
LRRI/UNM Graduate Fellowship Program

Laurie Hudson
D H H S / P H S / N I H / N I A M S $78,819
Growth Factor Modulation of Reepithelialization

H. William Kelly
Glaxo Wellcome $83,409
Comparison: Systemic Effects of Inhaled Corticosteroids

Patricia L. Marshik
American College of Clinical Pharmacy $10,000
A Dose Response for Inhaled Corticosteroids in Children

Shay L. Reichert
ASHP Research and Education Foundation $5,925
Implementing Pharmacist Collaborative Prescribing Agreement

BRANCHES AND EDUCATION CENTERS

Gallup Branch
John Balchunas
NM Department of Education $443,660
Catching the Dream/Carl Perkins

Ken Bobele
NM Department of Finance and Administration $30,000
School to Work - Northwest NM Partnership

John Guffey
Center for Service Learning Opportunities in Education $20,000
Center for Service Learning Opportunities in Education

Cynthia Kuhn
Department of Labor $99,990
"Dream Catcher" A Native American School-to-Work Initiative
Vickie Olson/Mark Wilson
NM State University  $14,000
New Mexico Alliance for Minority Participation in Science, Math, Engineering and Technology

Vickie Olson
NM State University  $2,500
New Mexico Alliance for Minority Participation

Sharon Phlieger
NM Children, Youth and Family Department  $4,785
Special Equipment

Elsie Sanchez
NM Small Business Development Center  $97,200
Small Business Development Center

Gloria Skeet de Cruz
Ford Foundation  $150,000
Rural Community College Initiative

John Taylor
NM Department of Education  $814,607
Adult Basic Education (ABE)

Los Alamos Branch
Howard Bryant/Michael Zeilik
National Science Foundation  $18,000
Conference Experience for Undergraduates: DAMOP 1998

Jennifer McKerley
NM Coalition for Literacy  $6,000
Adult Learning Alliance

Jennifer McKerley
NM Department of Education  $112,717
Adult Basic Education (ABE)

Phyllis Mingus-Pepin
Los Alamos National Laboratory  $20,000
Electro-Mechanical Technology Student Training Program
Phase II

Phyllis Mingus-Pepin/Debbie Valdez
Los Alamos National Laboratory  $40,080
Underrepresented Minority/Female 1998 Student Technical Program

Phyllis Mingus-Pepin/Debbie Valdez
Los Alamos National Laboratory Foundation  $9,110
New Beginning Program

Phyllis Mingus-Pepin
NM Department of Education  $1,462
Institutional Project Consortium

Phyllis Mingus-Pepin
NM Department of Education  $30,000
New Beginnings

Phyllis Mingus-Pepin
NM Department of Education  $31,799

Phyllis Mingus-Pepin
NM Department of Finance and Administration  $30,000
School to Work

Phyllis Mingus-Pepin/Debbie Valdez
NM Department of Labor  $2,500
JPTA Title II Choices Assessment Program

Phyllis Mingus-Pepin
NM State University  $2,500
NM Alliance for Minority Participation

Linda Weeks
NM Small Business Development Center  $97,200
Small Business Development Center

Linda Weeks
NM State University  $10,000
13th Annual Children's College

Linda Weeks
NM State University  $10,000
14th Annual Children's College

Los Alamos Graduate Center
David Stuart
Los Alamos National Laboratory  $127,367
Graduate and Upper-Division Programs

Taos Education Center
Augustine Martinez
County of Taos  $6,000
Educational Assessment

Augustine Martinez
Los Alamos National Laboratory Foundation  $25,000
Educational Outreach
Augustine Martinez
NM Department of Labor $12,030
JTPA - Training Contract

Augustine Martinez
NM State University $2,500
Alliance for Minority Participation

Augustine Martinez
NM State University $2,500
Alliance for Minority Participation

Valencia Branch
Julie DePree/Michelle Diel
NM State University $19,312
New Mexico Collaborative for Excellence in Teacher Preparation

Pamela Etre-Perez
NM Department of Education $157,868
Adult Education Project (ABE)

Pamela Etre-Perez
NM Department of Education $28,000
Employability Skills Project

Maria Gandara
NM Department of Education $35,000
Strengthening Institutions Program Planning Grant

Maria Gandara
NM Department of Education $70,000
Tech Prep Consortium

Maria Gandara
NM Department of Education $88,000
Tech Prep Consortium

Maria Gandara
NM Human Services Department $1,100,000
New Mexico Works Act

Reinaldo Garcia
NM State University $4,475
NM Alliance for Minority Participation

Rita Logan
NM Corrections Department $25,000
Provide Post-Secondary Education to NMCD Inmates at CNM CF

Academic Affairs
Benny Shendo/Pam Agoyo
Kellogg Foundation $175,640
The National Institute for Native Leadership in Higher Education

Benny Shendo/Pam Agoyo
Kellogg Foundation $83,000
Kellogg National Leadership Program

Associate Provost for Research
Nasir Ahmed
Department of Energy $1,244,923
Industrial Partnering Program

Nasir Ahmed
Department of Energy $211,782
Initiative for Proliferation Prevention United States Industry Coalition (USIC)

Nasir Ahmed/Edward Walters
Department of Energy $313,459
United States Industry Coalition (USIC)

Gregory Hallstrom
Federal Bureau of Investigation $17,942
Critical Infrastructure Protection

Edward Reyes/Nasir Ahmed
National Institute of General Medical Sciences $746,633
Minority Biomedical Research Support (MBRS)

Edward Walters
Department of Energy $2,156,478
Hispanic Collaborative for Research and Education in Science and Technology (HiCREST) Implementation Plan

Edward Walters
International Conference on Technology and Education Inc. $1,620
International Conference on Technology and Education, Santa Fe, New Mexico
**Bureau of Business and Economic Research**

Robert Grassberger  
Industry Network Corporation  $12,795  
Economic Impact of INC in NM: CY97

Robert Grassberger  
Industry Network Corporation  $14,045  
Economic Impact of INC in AZ: CY97

Robert Grassberger  
NM Department of Labor  $9,248  
Economic Impact of DVR Programs in New Mexico

Brian McDonald  
City of Artesia  $17,406  
Fiscal Impact of Nuchik IRB

Brian McDonald  
NM Human Services Department  $13,545  
Survey of AFDC Recipients Who Leave Welfare Roles

Brian McDonald  
NM Legislative Finance Committee  $12,033  
IRB Fiscal Impact Model Development

**Center on Aging**

Helen Kerschner  
American Association for International Aging  $75,761  
UNM CARES

**Center on Alcoholism, Substance Abuse and Addictions**

Melanie Bennett  
Fetzer Institute  $16,679  
Annotated Bibliography of Research on Spirituality and Alcohol/Drug Problems

Marita Brooks  
NM Children, Youth and Family Department  $6,050  
Child and Adult Care Food Program

Philip May  
National Inst. of Mental Health  $76,988  
New Mexico Access to Research Careers in Mental Health

Philip May  
Navajo Nation  $39,923  
Evaluation Support to the Navajo Nation’s Dine Center for Substance Abuse Treatment (DC SAT) Project

Philip May  
NM Public Health Services  $100,000  
A Statewide Fetal Alcohol Syndrome/Alcohol Related Birth Defects Prevention Program

Joseph Miller  
NM Highway and Transportation Department  $11,523  
Campus DWI Prevention

Joseph Miller  
NM Public Safety Department  $13,989  
UNM’s Normative Research and Substance Abuse Prevention Initiative

William Miller  
National Institute on Alcohol Abuse and Alcoholism  $273,398  
Clinical Trial of Interventions with Significant Others

William Miller  
National Institute on Alcohol Abuse and Alcoholism  $92,202  
Programmatic Treatment Innovation Research

William Miller  
National Institute on Alcohol Abuse and Alcoholism  $113,634  
Alcohol and Drug Abuse Prevention and Treatment Evaluation

William Miller  
National Institute on Drug Abuse  $21,688  
Unilateral Family Intervention for Drug Problems

William Miller  
National Institute on Drug Abuse  $346,467  
Modeling and Modifying Motivation for Change

Scott Tonigan  
University of Connecticut Health Center  $14,734  
Research Project Assistance

Verner Westerberg  
National Institute on Alcohol Abuse and Alcoholism  $29,278  
Characterizing Relapse: Alternative Models

W. Gill Woodall  
AMC Cancer Research Center  $93,153  
Arresting Smoking Uptake Using Interactive Multimedia

W. Gill Woodall  
Prevention Research Center  $167,671  
Project SIRVE: Server Intervention Research Verification
Center for High Technology Materials

Steven Brueck 4, 9
Air Force Office of Scientific Research $135,135
Linewidth Enhancement Factor for Semiconductor Diode Lasers

Steven Brueck 4, 9
Air Force Office of Scientific Research $612,604
Optoelectronics Research Center

Steven Brueck 4, 9
Air Force Research Laboratory $70,245
IPA - Dr. Arthur Guenther

Steven Brueck 4, 9
Defense Advanced Research Projects Agency $4,980,875
Manufacturable, Multi-Dimensional High Capacity Optoelectronic Interconnects

Steven Brueck 4, 9
Dept. of the Army $429,372
Manufacturable IR Photonic Crystals Based on Interferometric Lithography

Steven Brueck 4, 9
Hughes Danbury Optical Systems $64,473
Development of 1.06 Um Fiber-Based Switch

Steven Brueck 4, 9
Moxtek $15,000
A Feasibility Study of UV Polarizers

Steven Brueck 4, 9
Navy Research and Development $183,000
Interferometric Lithography for Nanoscale Fabrication

Steven Brueck 4, 9
Sandia National Laboratories $74,998
Random and Uniform Reactive Ion Etching Texturing of Si

Steven Brueck 4, 9/John Panitz 9, 12
SRI International $86,558
SRI Task Order Contract

Julian Cheng 4
Air Force Office of Scientific Research $158,508
MOCVD Upgrade

Julian Cheng 4
Air Force Office of Scientific Research $300,000
Novel Epitaxial Growth Technologies for Long-Wavelength (1.1-1.5um) Vertical-Cavity Surface-Emitting Lasers and Optical Switches for High Performance O

Julian Cheng 4
Defense Advanced Research Projects Agency $647,676
Reconfigurable Optical Interconnect Architectures for Computer Networks with Dynamical Switching and Multiple Access

Jean-Claude Diels 4, 9/Xin Zhao
Electric Power Research Institute $240,000
Light-Induced Discharge at a MV Facility, Part I

Jean-Claude Diels 4, 9
Electric Power Research Institute $400,000
Femtosecond Line-of-Sight Communication: Feasibility Study

Jean-Claude Diels 4, 9
Los Alamos National Laboratory $40,000
(NUCOR) Novel Beacons for Adaptive Optics: A Feasibility Study

Charles Fleddermann 4
Sandia National Laboratories ($103,152)
PECVD for Surface Passivation of Silicon Solar Cells

Stephen Hersee 4
Defense Advanced Research Projects Agency $56,484
The Role of the Buffer Layer in the Reproducibility of III-Layer

Ravinder Jain 4
Air Force Office of Scientific Research $131,710
Novel All-Fiber Devices Based on the Electro-Optical Effect in Poled Fused Silica

Ravinder Jain 4
Office of Naval Research $151,942
Diode-Pumped High Power Blue Laser Sources Based on Upconversion in Novel Rare-Earth Doped Double-Clad Zblan Fibers

Ravinder Jain 4
Physical Optics Corporation $30,225
Reversible Fiber Optic Biosensor for Detection of Explosives
Kenneth Jungling 4
Sandia National Laboratories $122,137
Microelectronics Research

Don Kendall 4
Sandia National Laboratories $93,238
Design and Develop Porous Silicon

Luke Lester 4
Air Force Research Laboratory $76,570
IPA - Malcolm Wright

Luke Lester 4
Lockheed Missiles and Space $450,000
Advanced Sensors

Luke Lester 4
National Science Foundation $50,000
The Development of Group-III Nitride LEDs and Lasers

Luke Lester 4
SCEEE Services Corporation $20,494
NDSEG Fellowship for David King

Kevin Malloy 4
Air Force Office of Scientific Research $237,000
Advanced Structural and Optical Microscopies of Quantum Dots

Kevin Malloy 4
Air Force Office of Scientific Research $265,667
Ultralow Threshold Semiconductor Lasers Based on Gain Without Inversion

Kevin Malloy 4
Air Force Research Laboratory $37,609
IPA - Dr. Eric Bochove

Kevin Malloy 4
Air Force Research Laboratory $39,267
Technologies for Novel IR Detectors

Kevin Malloy 4
Air Force Research Laboratory $66,933
IPA - Danhong Huang

Kevin Malloy 4
Air Force Research Laboratory $67,083
IPA - Donald McDaniel, Jr.

Kevin Malloy 4
Air Force Research Laboratory $68,825
IPA - Anjali Singh

Kevin Malloy 4
Air Force Research Laboratory $69,076
IPA - Dong-Seung Lee

Kevin Malloy 4
Air Force Research Laboratory $78,251
IPA - Omar Manasreh

Kevin Malloy 4
Air Force Research Laboratory $90,464
IPA - Ron Kaspi

John McNeil 4
BioRad Laboratories, Inc. $100,000
Scattermeter Research Agreement

John McNeil 4
SCEEE Services Corporation $23,494
Fellowship for Stephen Coulombe

John McNeil 4
Semiconductor Research Corporation $120,000
Sub-0.1 Micron Ellipsometric Scatterometry

Marek Osinski 4, 9
Air Force Research Laboratory $59,417
IPA - Stanley M. McKinney

Marek Osinski 4, 9
Implant Sciences Corp. $12,000
Characterization of Ion Implanted GaN LED’s

John Panitz 9, 12
Ion Diagnostics, Inc. $72,816
Microfabricated Cathode Investigations

John Panitz 9, 12
Ion Diagnostics, Inc. $8,372
Graduate Student Support

Edl Schamiloglu 4
Army Research Office $50,000
Photonics Crystal Flat Panel Radiators for Wideband High Power Antennas

**Center for Micro-Engineered Materials**
C. Jeffrey Brinker 4/Douglas Smith 3
Electric Power Research Institute $100,000
Inorganic Polymer-Derived Ceramic Membranes
C. Jeffrey Brinker 1
Jet Propulsion Lab $32,700
Development of Aerogel and Surfactant - Templated Films for Volatile Collection

Abhaya Datye 1
Advanced Ceramics $10,000
CMEC Membership

Abhaya Datye 1
Air Products and Chemical Inc. $30,000
CMEC Membership

Abhaya Datye 1
Arizona State University $756
Heterogeneous Catalysts

Abhaya Datye 1
Department of Energy $400,000
Novel Slurry Phase Diesel Catalysts for Coal-Derived Syngas

Abhaya Datye 1
Exxon Research and Engineering Co. $90,000
Electron Microscopy of Fischer Tropsch Catalysts

Abhaya Datye 1
Ferro $30,000
CMEM Membership

Abhaya Datye 1
Hoechst Celanese Corporation $30,000
CMEC Membership

Abhaya Datye 1
Motorola $30,000
CMEC Membership

Abhaya Datye 1
Nanochem $38,000
CMEC Membership

Abhaya Datye 1
National Science Foundation $187,480
CMEC Support

Abhaya Datye 1
National Science Foundation $59,040
CMEC Operational Support

Abhaya Datye 1
National Science Foundation $65,100
REU: Research Experiences for Undergraduate in Micro-Engineered Materials

Abhaya Datye 1
Radiant Technologies $5,040
CMEC Membership

Abhaya Datye 1
Sandia National Laboratories $14,000
Inorganic Membranes on Sensor and Porous Supports

Abhaya Datye 1
Sandia National Laboratories $26,171
Zeolite Gas Separation Membranes

Abhaya Datye 1
Sandia National Laboratories $29,000
Aerogels Contract

Abhaya Datye 1
Sandia National Laboratories $35,000
Computational/Modelling Studies of Stress Development During Sol-Gel Thin Film Deposition

Abhaya Datye 1
Sandia National Laboratories $50,000
Moulding of Xylene Isomers

Abhaya Datye 1
Sandia National Laboratories $66,000
Processing and Characterizing Ceramics and Ceramic Processes

Abhaya Datye 1
Sandia National Laboratories ($2,999)
Porous Inorganic Membranes Project and Low Voltage Phosphor Efforts

Abhaya Datye 1
Texas Instruments, Inc. $30,000
CMEC Membership

Abhaya Datye 1
TPL, Inc. $5,000
CMEC Membership

Mark Hampden-Smith 6/Toivo Kodas 1
Hewlett-Packard Company $15,000
CMEM Membership

Mark Hampden-Smith 6
Office of Naval Research $80,931
Molecular Routes to Binary Materials

Toivo Kodas 1/Mark Hampden-Smith 6
Office of Naval Research $538,258
Synthesis and Characterization of Composite Films Formed by Simultaneous Particle and Chemical Vapor Deposition
William Kroenke 1/Abhaya Datye 1
Sandia National Laboratories $160,000
Research on Micro-Engineered Materials

Gabriel Lopez 1, 6/Thomas Niemczyk 6
National Aeronautics and Space Administration $96,687
Chemical Sensors Based on IR Spectroscopy and Surface-Modified Waveguides

Timothy Ward 2
Department of Energy $190,406
Supported Dense Ceramic Membranes for Oxygen Separation

Center for Radioactive Waste Management
Werner Lutze
Los Alamos National Laboratory $99,301
Zircon: A Host Phase for the Disposal of Weapons Plutonium

Werner Lutze/Eric Nuttall
WERC/NM SU $55,000
Denitrification Study

Werner Lutze
WERC/NM SU $33,669
Environmental Radiation Measurements Laboratory

Werner Lutze
WERC/NM SU $90,246
Support for the Center for Radioactive Waste Management

Computer Information and Resource Technology
John Sobolewski/Brian Smith
National Science Foundation $175,000
UNM High Speed Connection to the vBN S

Division of Government Research
James Davis
NM Health Policy Commission $400,000
Health Information System

James Davis
NM Traffic Safety Bureau $45,000
Traffic Safety Almanac Program

Division of Media Technology Services
Donald Fischer
Department of Commerce $377,846
Northern New Mexico Network for Rural Education PT FP Grant

Earth Data Analysis Center
Shirley Baros
US West Communications $26,796
Data Automation, GPS Collection and Research - Dona Ana M SA

Shirley Baros
US West Communications $38,675
Data Automation, GPS Collection and Research for Bernalillo County

Shirley Baros
US West Communications $15,766
Data Automation, GPS Collection and Research - Santa Fe M SA

Amelia Budge
Environmental Protection Agency $30,000
Format and Serve the Directory of US/Mexico Border Data as an Internet Accessible Database

Amelia Budge/Stanley Morain
Geological Survey $40,000
Extending NSDI Metadata, Clearinghouse, and Framework Objectives in the Four Corners Region

Thomas Budge
Sandia National Laboratories $38,807
Landsat Thematic Mapper Digital Images and Training

Thomas Budge
Santa Fe County $16,700
GIS Data Layers for Rio Grande Watershed

Michael Inglis
National Indian Council on Aging, Inc. $17,000
Geographic Analysis of Urban Indian Health Data

Michael Inglis
National Indian Council on Aging, Inc. $307,370
An Interactive Atlas of American Indian Elders’ Health

Michael Inglis
National Park Service $10,000
Geographic Information Systems
Michael Inglis  
Nature Conservancy  $26,730  
Biodiversity Conservation in the Chihuahuan Desert

Michael Inglis  
NM Game and Fish Department  $50,000  
Agreement to Provide Technical Support for the  
Development and Analysis of Spatial Data

Michael Inglis  
NM State Land Office  $50,000  
New Mexico State Land Office Asset Inventory Initiative and  
Asset Management Planning

Stanley Morain  
National Aeronautics and Space Administration  $1,032,000  
Performing a Regional Assessment and Prototyping Internet Accessible MTPE Products for the Upper Rio Grande Basin

**Economic Development Communication Office**  
Lee Zink  
Air Force Research Laboratory  $52,619  
IPA - Carlota Klimas

Lee Zink  
Air Force Research Laboratory  $99,667  
IPA - Edward Tull

Lee Zink  
NM Institute of Mining and Technology  $100,000  
Communications Support for Phillips Laboratory Technology Transfer Program

**General Honors Program**  
Ursula Shepherd  
National Science Foundation  $30,840  
Summer Research Course to Eastern Australia

**Graduate Studies**  
Nasir Ahmed  
Ford Foundation  $7,500  
Minority Doctoral Fellowship Program

Robin Meize-Grochowski  
National Science Foundation  $225,000  
Graduate Research Fellowship Program

Jose Rivera  
Department of Agriculture  $90,000  
Strengthening the Skills Component of Integrated Resource Management Curricula

**High Performance Computing, Education and Research Center**  
Susan Atlas  
Sandia National Laboratories  $27,345  
Intelligent Systems and Robotics Center Support

Thomas Caudell  
Sandia National Laboratories  $40,906  
High Integrity Software

Robert Fogler / Frank Gilfeather  
Khoral Research, Inc  $69,789  
Imbedded Application Development

Frank Gilfeather / Arlon Waters  
ASC1 Blue Mountain Support

Frank Gilfeather / Brian Smith / John Sobolewski  
Air Force Research Laboratory  $11,522,767  
Computational Capability for Scalable High Performance Computing

Frank Gilfeather  
Air Force Research Laboratory  $78,031  
Project 45

Frank Gilfeather  
Air Force Research Laboratory  $78,348  
Project 17

Frank Gilfeather / Brian Smith / John Sobolewski  
Candle  $50,000  
Candle - Resource Use Agreement

Frank Gilfeather  
Air Force Research Laboratory  $1,847,087  
Project 40

Frank Gilfeather  
Department of Commerce  $21,000  
Pacific Marine Environmental Lab (Pmel)

Frank Gilfeather / Brian Smith  
Hawaii State Department of Education  $97,000  
Challenge Grant in Technology (ESchool Project)

Frank Gilfeather  
Kuakini Health System  $50,000  
Resource Use Agreement

Frank Gilfeather  
Maui Pacific Center  $81,683  
Communications/Systems Training Program
Frank Gilfeather 8/Brian Smith 3, 4/John Sobolewski 4
Mercury Computer Systems $124,800
Three Final Steps Towards Portability

Frank Gilfeather 8
Nichols Research, Inc. $150,000
Program Environment & Training Support to the Nichols Research Corporation ASC MSRC

Frank Gilfeather 8/Brian Smith 3, 4/John Sobolewski 4
Rome Air Force Base $349,302
High Performance Computing Support for Advanced Radar Technology Research Consortium

Frank Gilfeather 8/Arlon Waters
Sandia National Laboratories $87,978
Development of the SPICE MP Parallel Architecture

Frank Gilfeather 8/Brian Smith 3, 4/John Sobolewski 4
SeaSeer $200,000
Resource Use Agreement

Marc Ingber 5
Sandia National Laboratories $10,000
Micromechanical Modeling of Multiphase Flows

Brian Smith 3, 4
AMCOM Corp $53,940
PL Space Vehicles Directorate Computer Resource & Software/Office Automation Technician Support

Brian Smith 3, 4
Sandia National Laboratories $10,649
Advanced Materials

C. Randall Truman 5
NASA - Washington $99,967
Simulation of Flow Control Using Deformable Surfaces

Latin American and Iberian Institute
Theo Crevenna
Hewlett Foundation $200,000
NAFTA and MERCOSUR: New Economics, New Institutions, New Identities

Gladis Fois-Maresma
Government of Colombia $136,827
English Teaching Methodologies for Teachers from Columbia (Group II)

Gladis Fois-Maresma
Instituto Tecnologico de Monterrey $58,113
Special Program for Junior Year Secondary Students from Instituto Tecnologico de Monterrey

Stanley Hordes
The Feld Estate $345,255
The Sephardic Legacy in New Mexico: A History of the Crypto-Jews
Ramiro Jordan  
Hewlett-Packard Company  $2,500  
Tecnologias de la Informacion - Computer Networks  
Course

Gilbert Merkx  
Department of Education  $273,506  
New Mexico Consortium for Latin American Studies

Gilbert Merkx  
Department of the Army  $174,129  
Civil Military Relations in the Americas for the Twenty-First Century Conference

Gilbert Merkx  
MacArthur (John D. and Catherine) Foundation  $20,000  
Cuban Magazine "Temas" Subscription

Gilbert Merkx  
Maya Educational Foundation  $1,730  
Workshop in Antigua, Guatemala on K'ichee

Gilbert Merkx  
Mellon (Andrew W.) Foundation  $270,000  
Economics of Latin America Archive: On-Line Full-Text Economic Journals

Gilbert Merkx  
National Science Foundation  $489  
IPA Emily Rudin

Gilbert Merkx  
Peace Corps  $13,000  
Peace Corps Recruitment Strategy

Gilbert Merkx  
University of Pittsburgh  $67,178  
Latin American Research Review (LARR) - Staff Support

Gilbert Merkx  
VARIOUS  $49,543  
Master's Program in Educational Foundations

**Microelectronics Research Center**

Steven Clark  
Air Force Research Laboratory  $85,445  
IPA

Gary Maki  
b d Systems, Inc.  $25,941  
Phillips Laboratory Space Technology Directorate's Technology Planning Implementation/Technical Support

Gary Maki  
NASA - Washington  $300,000  
Radiation Tolerant Ultra Low Power

Gary Maki  
NASA - Washington  $85,000  
High Performance Image Processor for Space

Gary Maki  
National Aeronautics and Space Administration  $1,100,000  
NASA Space Engineering Research Center for VLSI Systems Design

Gary Maki  
National Aeronautics and Space Administration  $365,000  
High Performance Communication VLSI Architectures

Gary Maki  
PicoDyne, Inc.  $30,000  
ULTRA Low Power Electronics

Gary Maki  
SpAsics, Inc.  $30,000  
Radiation Tolerant CMOS Design

Gary Maki  
Vanderbilt University  $808,140  
Ultra Low Power

**Outreach Services**

Terry Babbitt  
Self Reliance Foundation/Hispanic Radio Network  $24,518  
Hispanic Radio Network/UNM Alliance

**Research Institute for Assistive Training Technologies**

Gary Adamson/Carlene VanEtten  
Department of Education  $433,934  
Distance Education in Assistive Technology for SLP's, OT's and PT's and Early Intervention and PreSchool Personnel

Gary Adamson  
Special Education and Rehabilitative Services  $97,381  
Preparation of Personnel for Careers in Special Education
**Special Services Program**
Juan Candelaria
Department of Education $275,425
Retain and Graduate Eligible Program Participants Enrolled
in this Postsecondary Educational Institution

Juan Candelaria
Department of Education $365,790
Upward Bound Program

**Student Health Center**
Joyce Lisbin
NM Department of Health $5,000
Healthy Peers Education Program

**Systemic Initiative in Math and Science Education**
Dorothy Draper/Marion Finch
Michigan State University $36,500
Connected Math Project

**Technical Assistance Office**
Lee Zink
Economic Development Administration $100,000
University Center

**University Art Museum**
Peter Walch
Massachusetts Institute of Technology $3,700
Planning Travel Grant

**Vice President for Student Affairs**
Tim Gutierrez
NM Department of Labor $5,250
College Prep Program

Eliseo Torres
NM Department of Labor $9,037
UNM Summer College Prep - JTPA

Peter Treadway
East San Gabriel Valley Consortium-L.A. Works $53,189
College Prep Program

**HEALTH SCIENCES CENTER**

**OTHER**

**Associate VP for Health Sciences – Clinical Affairs**
Albert V. Vogel
Veterans Administration Medical Center $50,000
Peer Review Services for VA Tort Claim Cases

**Cancer Research and Treatment Center**
Laurence Elias
DHHS/PHS/NIH/NCI $36,875
Cooperative Study of Cancer Chemotherapy

Laurence Elias
Integrated Therapeutics Group $8,000
Influence of HLA Subtype on Response of Advanced RCCa

Laurence Elias
New Mexico Miner’s Colfax Medical Center $43,665
Professional Services Contract

Laurence Elias
Novartis Pharmaceuticals Corporation/Parexc $37,832
Clinical Trial Agreement

Laurence Elias
Serono Laboratories, Inc. $109,360
Clinical Trial Agreement

Larry Kvols
Novartis Pharmaceuticals $722,177
Clinical Study Agreement

Clifford R. Lyons
DHHS/PHS/NIH/NHLBI $270,837
Aerosol Therapy for Mycobacterium Tuberculosis

Clifford R. Lyons
Southwestern Medical Center $85,564
Directed Expression Library Instrumentation-Mtb Vaccine
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clifford R. Lyons</td>
<td>Southwestern Medical Center</td>
<td>$560,749</td>
<td>Pre-emptive/Remedial Technologies against Biological War</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>University of Texas SWMC</td>
<td>$111,974</td>
<td>Development of a Genetic Vaccine for M. Tuberculosis</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>Matrix Pharmaceutical, Inc.</td>
<td>$132,222</td>
<td>Intratumoraly in Accessible Tumor of any Histology</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>Matrix Pharmaceutical, Inc.</td>
<td>$97,995</td>
<td>Intratumoraly in Recurrent or Refractory SCC of Head and Neck</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>NSABP Foundation, Inc.</td>
<td>$29,956</td>
<td>Clinical Trial Agreement</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>Theradex/Glaxo</td>
<td>$50,000</td>
<td>Clinical Trial Agreement</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>Zeneca Pharmaceuticals, Inc.</td>
<td>$40,000</td>
<td>Armidex/Novadex in Post-Menopausal Woman with Breast Cancer</td>
</tr>
<tr>
<td>Aroop Mangalik</td>
<td>Zeneca Pharmaceuticals, Inc.</td>
<td>$38,500</td>
<td>Clinical Trial on Advanced Breast Cancer</td>
</tr>
<tr>
<td>Ian Rabinowitz</td>
<td>Bayer Pharmaceutical</td>
<td>$37,000</td>
<td>Clinical Trial Agreement</td>
</tr>
<tr>
<td>Larry A. Sklar</td>
<td>American Cancer Society</td>
<td>$105,000</td>
<td>Neutrophil Models of Metastatic Cell Adhesion</td>
</tr>
<tr>
<td>Larry A. Sklar</td>
<td>Los Alamos National Laboratory</td>
<td>$30,000</td>
<td>Co-Director, National Flow Cytometry Resource Lab</td>
</tr>
<tr>
<td>Anthony Y. Smith</td>
<td>Cancer Therapy &amp; Research Foundation</td>
<td>$20,000</td>
<td>Prostate Cancer Prevention Trial (SWOG)</td>
</tr>
<tr>
<td>Anthony Y. Smith</td>
<td>Janssen Research Foundation</td>
<td>$63,000</td>
<td>Liarazole and Prednisone in Prostate Cancer</td>
</tr>
<tr>
<td>Cheryl L. Willman</td>
<td>Southwest Oncology Group</td>
<td>$15,000</td>
<td>Clonal Hematopoiesis as a Marker of Genetic Damage</td>
</tr>
<tr>
<td>Robert A. Bailey</td>
<td>Hogares, Inc.</td>
<td>$7,680</td>
<td>Second Year Fellow Consultation</td>
</tr>
<tr>
<td>Joseph Harris</td>
<td>NM/CYFD</td>
<td>$81,171</td>
<td>Early Intervention Mental Health Services</td>
</tr>
<tr>
<td>Holly Shipp Buchanan</td>
<td>DHHS/IHS</td>
<td>$95,626</td>
<td>On-Line Internet Access Database for IHS Research-Evaluation</td>
</tr>
<tr>
<td>Jonathan Eldredge</td>
<td>Houston Academy of Medicine</td>
<td>$9,200</td>
<td>NM Regional Medical Library Outreach</td>
</tr>
<tr>
<td>Dale C. Alverson</td>
<td>DHHS/HRSA/BPHC/ORHP</td>
<td>$288,820</td>
<td>New Mexico Telemedicine Network</td>
</tr>
<tr>
<td>Ann Chao</td>
<td>DHHS/PHS/NIH/NCI</td>
<td>$88,560</td>
<td>Colorectal Disease Prevention in Multi-Ethnic Populations</td>
</tr>
<tr>
<td>David B. Coultas</td>
<td>DHHS/PHS/NIH/LBI</td>
<td>$192,105</td>
<td>Epidemiology and Toxicology of Lung Diseases</td>
</tr>
<tr>
<td>David B. Coultas</td>
<td>Lovelace Respiratory Research Institute</td>
<td>$5,708</td>
<td>Supplemental Postdoctoral Support</td>
</tr>
</tbody>
</table>
Frank D. Gilliland  $65,481
Lovelace Respiratory Research Institute
Tumor Suppressor Gene Methylation Lung Adenocarcinoma

Frank D. Gilliland  $29,635
St. Mary's Hospital (DOE)
Early Lung Cancer Detection in Uranium Miners

Frank D. Gilliland  $124,500
US Army Medical Research/Material Command
Post-Doctoral Traineeship for Diane Crumley

Carla J. Herman  $278,552
DHHS/CDC/NCCH/PHP
Ethnic Variations in Women's Attitudes towards Hysterectomy

Carla J. Herman  $10,000
DHHS/CDC/NCCH/PHP
The New Mexico Women's Cardiovascular Health Network

Carla J. Herman  $13,530
NM/DOH/PHD
Barriers to Breast and Cervical Cancer Screening

Charles R. Key  $11,000
Behavioral Health Research Center SW
Statistical Programming and Analysis Services

Charles R. Key  $411,828
DHHS/PHS/NIH/NCI
Breast Cancer Surveillance in New Mexico

Charles R. Key  $3,198,757
DHHS/PHS/NIH/NCI
SEER Cancer Surveillance Program-Special Projects

Charles R. Key  $977,390
DHHS/PHS/NIH/NCI
SEER

Charles R. Key  $11,880
NM/DOH/PHD
Data Surveillance and Tracking for Breast and Cervical Cancer

Debra Klecan  $6,000
St. Vincent’s Hospital
Abstracting Services

Debra Klecan  $51,027
Oregon Health Sciences University
Native Researchers' Cancer Control Training Program

Debra Klecan  $11,136
University of Washington
Native Researchers Cancer Control Training Program

William E. Lambert  $300,000
DHHS/CDC
Epidemiologic Studies: Evaluate Health Effects of Uranium

William E. Lambert  $21,200
NM/DOH/PHD
Tobacco Free Policies in NM Correctional Facilities

Douglas W. Mapel  $82,080
DHHS/PHS/NIH/NHLBI
Prognostic Factors in Idiopathic Pulmonary Fibrosis

Melissa A. Schiff  $165,376
DHHS/PHS/NIH/NCI

Mental Health Center

William Miller  $50,000
City of Albuquerque
Substance Abuse Treatment

Tonya Edmond  $118,500
City of Albuquerque
Rape Crisis Services

Nancy E. Purtell  $369,677
City of Albuquerque
Central Intake Unit

Nancy E. Purtell  $291,004
City of Albuquerque
Management Information Center

Vice President for Health Sciences

Jane E. Henney
Robert Wood Johnson Foundation  $263,643
Partnerships for Training

Jane E. Henney  $9,000
NM/DOH
Community Partnerships-Graduate Medical and Nursing Education