6-1-2006

Contract and Grant Awards Fiscal Year 2006

Office of the Vice President for Research

Follow this and additional works at: https://digitalrepository.unm.edu/ovp_research_publications

Recommended Citation

This Report is brought to you for free and open access by the Archives & University Administrative Records at UNM Digital Repository. It has been accepted for inclusion in Office of the Vice President for Research by an authorized administrator of UNM Digital Repository. For more information, please contact disc@unm.edu.
I invite you to read this report *Contract & Grant Awards, fiscal year 2006*, which lists contract and grant (C&G) awards received by the University of New Mexico (UNM) during the period from July 1, 2005 - June 30, 2006 (FY06). These awards represent new funds that were acquired during FY06 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 FY06 total $298.6M, of which $165.4M is attributed to the main campus and $133.2M to HSC. These awards assist in providing resources that are necessary to support and enhance the quality of research and teaching at UNM, as well as the opportunities for students to be trained in state-of-the-art laboratories in a variety of disciplines.

Please join me in thanking our dedicated faculty, staff and students involved in the sponsored research, public service and instruction efforts at UNM. It is their successful endeavors that enhance the University’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 Ann Powell, Valerie Roybal, Diana Sanchez, and Denise Wallen of the Office of the Vice President for Research and Economic Development; Shannon Gilbert, Seta Sariyan, and Rena Vinyard of the Health Sciences Center Financial Services Division; and Joseph Gonzales of the Student Financial Aid Office.

I welcome your comments and questions with respect to this report, and other issues related to research activities at the University of New Mexico.

Terry L. Yates
Vice President for Research and Economic Development
## Table 1a

<table>
<thead>
<tr>
<th>Source of 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>$298.6M</td>
</tr>
<tr>
<td>Total C&amp;G Awards: Main Campus</td>
<td>$165.4M (55%)</td>
</tr>
<tr>
<td>Total C&amp;G Awards: HSC</td>
<td>$133.2M (45%)</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>[Total: $298.6M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>2%</td>
</tr>
<tr>
<td>Federal</td>
<td>59%</td>
</tr>
<tr>
<td>Industry</td>
<td>6%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>2%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>20%</td>
</tr>
<tr>
<td>Other</td>
<td>11%</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>[Total: $165.4M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>1%</td>
</tr>
<tr>
<td>Federal</td>
<td>60%</td>
</tr>
<tr>
<td>Industry</td>
<td>4%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>4%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>22%</td>
</tr>
<tr>
<td>Other</td>
<td>9%</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>[Total: $133.2M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>2%</td>
</tr>
<tr>
<td>Federal</td>
<td>57%</td>
</tr>
<tr>
<td>Industry</td>
<td>9%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>18%</td>
</tr>
<tr>
<td>Other</td>
<td>14%</td>
</tr>
</tbody>
</table>
Department Appointments/Notation Guide

1 Chemical and Nuclear Engineering
2 Chemistry
3 Communication and Journalism
4 Electrical and Computer Engineering
5 Mechanical Engineering
6 Physics and Astronomy
7 Psychology
8 Sociology
## CONTENTS

### COLLEGES AND SCHOOLS

<table>
<thead>
<tr>
<th>College or School</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anderson Schools of Management</td>
<td>9</td>
</tr>
<tr>
<td>School of Public Administration</td>
<td>9</td>
</tr>
<tr>
<td>School of Architecture and Planning</td>
<td>9</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>9</td>
</tr>
<tr>
<td>Anthropology</td>
<td>9</td>
</tr>
<tr>
<td>Biology</td>
<td>10</td>
</tr>
<tr>
<td>Center for Advanced Studies</td>
<td>14</td>
</tr>
<tr>
<td>Center for Research and Ecological Studies and Technology</td>
<td>14</td>
</tr>
<tr>
<td>Chemistry</td>
<td>14</td>
</tr>
<tr>
<td>Communication and Journalism</td>
<td>16</td>
</tr>
<tr>
<td>Earth and Planetary Sciences</td>
<td>16</td>
</tr>
<tr>
<td>Earth Data Analysis Center</td>
<td>17</td>
</tr>
<tr>
<td>Economics</td>
<td>18</td>
</tr>
<tr>
<td>English</td>
<td>18</td>
</tr>
<tr>
<td>Geography</td>
<td>18</td>
</tr>
<tr>
<td>Institute for American Indian Research</td>
<td>18</td>
</tr>
<tr>
<td>Institute for Medieval Studies</td>
<td>18</td>
</tr>
<tr>
<td>Institute of Meteoritics</td>
<td>18</td>
</tr>
<tr>
<td>Linguistics</td>
<td>19</td>
</tr>
<tr>
<td>Mathematics and Statistics</td>
<td>19</td>
</tr>
<tr>
<td>Maxwell Museum of Anthropology</td>
<td>20</td>
</tr>
<tr>
<td>Office of Contract Archeology</td>
<td>20</td>
</tr>
<tr>
<td>Philosophy</td>
<td>21</td>
</tr>
<tr>
<td>Physics and Astronomy</td>
<td>21</td>
</tr>
<tr>
<td>Political Science/Institute for Public Policy</td>
<td>23</td>
</tr>
<tr>
<td>Psychology</td>
<td>23</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>23</td>
</tr>
<tr>
<td>Sociology/Institute for Social Research</td>
<td>23</td>
</tr>
<tr>
<td>Speech and Hearing Sciences</td>
<td>24</td>
</tr>
</tbody>
</table>

| Division of Continuing Education and Community Services                           | 24   |

| College of Education                                                             | 25   |
| Center for Family and Community Partnerships                                      | 25   |
| Educational Specialties                                                           | 25   |
| Family Development Program                                                        | 25   |
| Individual, Family, and Community Education                                      | 25   |
| Language, Literacy, and Sociocultural Studies                                    | 26   |
| Multicultural Education Center                                                    | 26   |
| Physical Performance and Development                                              | 26   |
| Teacher Education                                                                 | 26   |
| Technology Education Center                                                       | 26   |

| School of Engineering                                                             | 26   |
| Alliance for Transportation Research                                              | 26   |
| Center for Biomedical Engineering                                                 | 27   |
| Chemical and Nuclear Engineering                                                  | 27   |
| Civil Engineering                                                                 | 27   |
| Computer Science                                                                  | 28   |
| Dean’s Office                                                                     | 29   |
| Electrical and Computer Engineering                                               | 29   |
| Engineering Student Programs                                                      | 31   |
| Institute for Space Nuclear Power Studies                                         | 31   |
| Manufacturing Engineering and Industrial Relations                                | 31   |
| Mechanical Engineering                                                            | 31   |

| Multicultural Engineering Program                                                 | 32   |
| New Mexico Engineering Research Institute                                        | 32   |
| College of Fine Arts                                                              | 32   |
| Music                                                                             | 33   |
| Tamarind Institute                                                                | 33   |
| School of Law                                                                     | 33   |
| Institute of Public Law                                                           | 33   |
| Utton Center                                                                      | 34   |
| School of Medicine                                                                | 34   |
| Anesthesiology                                                                    | 34   |
| Biochemistry and Molecular Biology                                                | 34   |
| Cell Biology and Physiology                                                       | 34   |
| Center for Developmental Disabilities                                             | 35   |
| Center for Health Promotion and Disease Prevention                                | 36   |
| Center for Infectious Diseases                                                    | 37   |
| Clinical Affairs                                                                  | 38   |
| Continuing Medical Education                                                      | 38   |
| Dermatology                                                                       | 38   |
| Emergency Medicine                                                                | 38   |
| Family and Community Medicine                                                    | 39   |
| Institute for Public Health                                                       | 41   |
| Internal Medicine                                                                 | 41   |
| Molecular Genetics and Microbiology                                               | 46   |
| Neurology                                                                         | 46   |
| Neurosciences                                                                     | 47   |
| Neurosurgery                                                                       | 48   |
| Obstetrics and Gynecology                                                         | 48   |
| Occupational Therapy Program                                                      | 49   |
| Office of Diversity                                                               | 49   |
| Office of the Medical Investigator                                                | 49   |
| Office of Research                                                                | 49   |
| Orthopaedics                                                                      | 50   |
| Pathology                                                                         | 51   |
| Pediatrics                                                                        | 52   |
| Psychiatry                                                                        | 53   |
| Radiology                                                                         | 55   |
| Surgery                                                                           | 55   |
| College of Nursing                                                                | 55   |
| College of Pharmacy                                                               | 56   |
| University College                                                                | 57   |
| Native American Studies                                                           | 57   |

### BRANCH CAMPUSES AND EDUCATION CENTERS

<table>
<thead>
<tr>
<th>Branch</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallup Branch</td>
<td>57</td>
</tr>
<tr>
<td>Los Alamos Branch</td>
<td>58</td>
</tr>
<tr>
<td>Taos Education Center</td>
<td>59</td>
</tr>
<tr>
<td>Valencia Branch</td>
<td>59</td>
</tr>
</tbody>
</table>
PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Graduate Studies .................................................................60
KUNM .......................................................................................60
Latin American and Iberian Institute ........................................60
National Institute for Native Leadership in Higher Education
University Honors Program ..................................................60
University Libraries ...............................................................60
Vice Provost of Extended University ....................................60

VICE PRESIDENT FOR HEALTH SCIENCES

Cancer Research and Treatment Center .................................61
General Clinical Research Center ...........................................63
Health Sciences Library and Informatics Center ....................63
New Mexico Tumor Registry ..................................................63
Undergraduate Medical Education .......................................64

VICE PRESIDENT FOR INSTITUTIONAL ADVANCEMENT

KNME-TV .................................................................................64

VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

Center on Alcoholism, Substance Abuse, and Addictions ..........65
Center for High Technology Materials ....................................66
Center for Micro-Engineered Materials .................................67
Industrial Security ....................................................................68
New Mexico Science Fair.........................................................70
Southwest Hispanic Research Institute ................................70

VICE PRESIDENT FOR STUDENT AFFAIRS

Financial Aid .........................................................................70
Special Programs .....................................................................71
Student Health Center ............................................................71
UNM Children’s Campus for Early Care and Education ..........71
ANDERSON SCHOOLS OF MANAGEMENT
Danta DiGregorio
NM Economic Development Department  $8,000
New Mexico International Trade Directory

Jacqueline Hood
NM Department of Transportation  $17,200
Integrated Transportation Design

Suleiman Kassicieh
Sandia National Laboratories  $42,495
Technological Entrepreneurship Program Contract

Andres Salazar
Mission Research  $30,000
Phillips Technology Institute Study (FPGA Mission Assurance Center)

Craig White
NM State Engineer’s Office  $30,000
Analysis of Impacts of Operational Phase of NGWS

School of Public Administration
Roli Varma
National Science Foundation  $10,247
The Tenure System in Engineering

SCHOOL OF ARCHITECTURE AND PLANNING
Mark Childs
NM Economic Development Dept.  $57,000
DPAC/ Main Street PSA

Teresa Cordova
Bernalillo County  $24,639
Isleta Boulevard Sector Development Plan

Alfred Simon
NM Department of Transportation  $190,750
Architectural and Aesthetic Design and Design Guidelines for Context-Sensitive Highway Design in New Mexico

COLLEGE OF ARTS AND SCIENCES
Vera Norwood
Sandia National Laboratories  $25,000
Sandia National Laboratories/UNM Excellence in Science Fellowship for Ryan Davis

Kristin Umland
Department of Education  $463,608
La Meta: Mathematics Educators Targeting Achievement

Anthropology
Hillard Kaplan
Santa Fe Institute  $8,400
The Human Life Course and the Biodermography of Aging

Hillard Kaplan
University of California, Santa Barbara  $87,899
Grandparenting and the Evolution of Post-Reproductive Lifespans

Hillard Kaplan
University of Pennsylvania  $49,500
Alternative Field Methods of Collecting Biomarkers: Research with the Tsimane of Bolivia

Louise Lamphere/Christina Getrich
National Science Foundation  $11,690
Dissertation Research: Investigating Cultural Citizenship Among Second Generation Mexican Immigrant Youth

Louise Lamphere
National Endowment for the Humanities/National Foundation on the Arts and Humanities  $145,632
Alfonso Ortiz Center for Intercultural Studies
Anthropology/Maxwell Museum

Osbjorn Pearson
Wenner-Gren Foundation  $24,801
The Biological Evidence of the San Pau Chu Site, Taiwan, and its Association with Autronesian Migration

Osbjorn Pearson
Leakey (Louis S.B.) Foundation  $11,404
The Prevalence of Osteoarthritis in Wild Versus Captive Great Apes

Ann Ramenofsky
National Science Foundation  $11,980
Doctoral Dissertation Improvement Grant: Early Contact Period Interaction in the Western Spanish Borderlands
Lawrence Straus  
National Geographic Society  $20,020  
Last Glacial Maximum to Late Glacial Human Adaptations in the Cantabrian Cordillera (Spain)

Wirt Wills  
National Science Foundation  $3,750  
Archaeological Investigations at Chaco Canyon, New Mexico

Wirt Wills  
National Geographic Society  $28,000  
Archaeological Investigations at Chaco Canyon, New Mexico: Continued Study of National Geographic Society Trenches

Biology

Coenraad Adema  
National Institute of Allergy and Infectious Diseases/NIH/DHHS  $256,332  
Anti-Pathogen Responses in Biomphalaria glabrata

Christopher Allen  
University of Wyoming  $3,000  
Parasite Infection Status of Potamopyrgus antipodarum

J. Scott Altenbach  
NM Energy, Minerals and Natural Resources Dept.  $60,000  
Evaluation of BAT Populations and Habitat at Mine Project Sites in New Mexico

Larry Barton  
NM Environment Department  $20,000  
Assessing Nutrient Impairment of Streams and Aid in the Development of Nutrient Criteria

Heather Bateman  
National Fish and Wildlife Foundation  $6,250  
Amphibian and Reptile Responses to Restoration, New Mexico

W. Howard Brandenburg  
Bureau of Reclamation/Department of the Interior  $60,030  
San Juan River Larval Razorback Sucker Survey

W. Howard Brandenburg  
Bureau of Reclamation/Department of the Interior  $39,097  
Update and Maintenance of San Juan River Basin RIP GIS Database and Development of a Web-Based Interactive Interface

James Brown  
Hughes (Howard) Medical Institute  $1,000,000  
Program in Interdisciplinary Biomedical Science (PIBS)

James Brown/Anna Davidson  
National Autonomous University of Mexico  $39,105  
Ana Davidson Postdoctoral Salary Fellowship

Scott Collins/William T. Pockman/Terry L. Yates/Blair Wolf  
National Science Foundation  $749,998  
Sevilleta LTER: Long Term Ecological Research in a Biome Transition

Scott Collins  
National Science Foundation  $375,000  
Preparing the LTER Network for Collaborative Science, Education and Synthesis: A Planning Activity

Scott Collins  
National Science Foundation  $20,000  
Collaborative Research: Convergence and Contingencies in Savanna Grasslands: Long-term Manipulation of Key Drivers in Ecosystems That Differ in Evolutionary History

Scott Collins  
Forest Service  $4,455  
Effects of Fire on Shrub Establishment at the Sevilleta LTER

Scott Collins/Laura J. Crossey/Paul Guerin  
National Science Foundation  $489,410  
Track 1, GK-12: E-MRGE: Ecohydrogeology in the Middle Rio Grande Environment

Scott Collins  
National Science Foundation  $150,000  
LTER Planning Grant, CI Supplement Revised

Joseph Cook  
U.S. Fish & Wildlife Service/Department of the Interior  $45,000  
Molecular Perspectives on Tongass

Joseph Cook  
National Science Foundation  $197,737  
Beringian Coevolution Project II

Joseph Cook  
Forest Service/Department of Agriculture  $29,000  
NFIM Mammal Monitoring and Inventory of the Tongass National Forest

Joseph Cook  
Forest Service/Department of Agriculture  $49,983  
Mammal Inventory of the Tongass National Forest

Joseph Cook  
National Fish & Wildlife Foundation  $70,000  
Townsend’s Big-eared Bat Population Dynamics—Year 3

Clifford Crawford  
U.S. Fish & Wildlife Service/Department of the Interior  $25,000  
Bosque Ecosystem Monitoring Program (BEMP)
Clifford Crawford
U.S. Fish & Wildlife Service/Department of the Interior $25,000
Bosque Ecosystem Monitoring Program (BEMP)

Clifford Crawford
Army Corps of Engineers $83,915
Investigating Ground Water/Surface Water Interaction at the Diversion Dam Site

Richard Cripps
National Institute of General Medical Sciences/NIH/DHHS $281,667
Genetic Regulation of Muscle Fiber Diversity

Richard Cripps
NIH $253,891
Genetic Regulation of Cell Fate in the Drosophila Heart

Clifford Dahm
U.S. Fish & Wildlife Service/Department of the Interior $87,760
Surface Water Quality Study and Continuous Water Quality Monitoring Network for the Middle Rio Grande

Clifford Dahm
Army Corps of Engineers $61,713
Evapotranspiration, Water Tables, Diel Fluctuations, Flow Fields, and Riparian Zone (Bosque) Restoration

Jerry Dragoo/Joseph Cook
NM Game and Fish Department $6,218
Swift Fox Scat Identification 2006

Joseph Fargione
National Science Foundation $303,494
Global Change Effects on Grass-Shrub Interactions in an Arid Ecosystem

Michael Farrington/W. Howard Brandenburg
Bureau of Reclamation/Department of the Interior $8,386
Upper Colorado River Basin Ichthyofaunal Research: Assessment of Colorado Pikeminnow Augmentation in the San Juan River

Michael Farrington/W. Howard Brandenburg
Bureau of Reclamation/Department of the Interior $66,240
San Juan River Larval Colorado Pikeminnow Survey

William Gannon/Robert Parmenter
National Science Foundation $7,000
UMEB: Undergraduate Career Enhancement and Training in Ecological Studies in New Mexico

William Gannon
Los Alamos National Laboratory $3,150
Processing Owl Pellets 23537-001-05

David Hanson
Sandia National Laboratories $40,000
Inorganic Carbon Usage by the Marine Cyanobacterium Synechococcus WH8102 (Second Yr. SURP)

Kristine Johnson
Bureau of Land Management/Department of the Interior $5,000
Prairie Dog Survey and iNet Database T.O. 6

Kristine Johnson
NM State Land Office $6,246
Extend Mapped Area of LPCH Habitat Map in SE NM

Kristine Johnson
Isleta Pueblo $10,000
Endangered Species at the Pueblo of Isleta

Kristine Johnson
Bureau of Reclamation/Department of the Interior $38,039
Water Requirements for SW Willow Flycatcher Habitat and Nesting at the Pueblo of Isleta

Kristine Johnson
National Park Service/Department of the Interior $68,564
NPS Chihuahuan Desert Monitoring Plan Phase II

Kristine Johnson
Isleta Pueblo $15,000
Water Requirements for SW Willow Flycatcher at the Pueblo of Isleta

Vaishali Katju
National Science Foundation $10,000
A Comparative Genomic Approach to Characterize the Early Evolution of Gene Duplicates with Emphasis on the Origin of Novel Genes

Astrid Kodric-Brown
National Science Foundation $109,532
Evolution of Reproduction Isolation in Cyprinodon

Marcy Litvak
Forest Service $52,000
The Influence of Pinon Mortality on Carbon and Water Fluxes in Pinon Juniper Watersheds

Eric Loker
National Institute of Allergy and Infectious Diseases/NIH/DHHS $261,176
Evo-Epidemiology of Schistosoma Mansoni in Western Kenya

Eric Loker
Department of Agriculture $16,768
Collaboration: Praziquantel Resistance in Egypt: Testing and Use of an In-Vitro Assay
Eric Loker/Coenraad Adema
NIH  $337,500
Biology of Trematode-Snail Associations

Eric Loker
National Center for Research Resources/NIH/NIH $1,806,497
COBRE Center for Evolutionary and Theoretical Immunology

Diane Marshall/Heather Simpson
Department of Agriculture  $76,555
Genetic Variability, Life History and Mating System of Invasive Plant

Charles McCollough
U.S. Fish & Wildlife Service/Department of the Interior $10,000
Spikedace Data Project

William Michener
National Science Foundation  $926,056
Enabling the Knowledge Web for Biodiversity and Ecological Informatics

Robert Miller
National Science Foundation  $110,000
Structure and Evolution of the MHC in a Model Marsupial

Esteban Muldavin
U.S. Fish & Wildlife Service/Department of the Interior $65,817
River Bar Biodiversity Studies, 03-08

Esteban Muldavin
Bureau of Land Management/Department of the Interior $30,000
Santa Fe River Vegetation Analysis; T.O. 7

Esteban Muldavin
National Park Service/Department of the Interior $58,016
Vegetation Classification Pecos National Historic Park, Capulin Volcano National Monument, NM and Fort Union National Monument

Esteban Muldavin
National Park Service/Department of the Interior $12,757
Aerial Photography Ortho-Rectification Modification

Esteban Muldavin
Army Corps of Engineers  $95,000
Vegetation Sampling Middle Rio Grande Flood Control Project

Esteban Muldavin
National Park Service/Department of the Interior $40,400
Carlsbad Caverns National Park Vegetation Map Accuracy Assessment

Esteban Muldavin
National Park Service/Department of the Interior $31,500
White Sands National Monument Vegetation Map Accuracy Assessment

Esteban Muldavin/Thomas K. Budge
National Park Service/Department of the Interior $381,797
Guadalupe Mountains National Park Vegetation Map and Classification

Esteban Muldavin
NM Military Affairs Department  $280,000
NM Army National Guard Biological Resources Management Program

Esteban Muldavin
National Park Service/Department of the Interior $8,008
Photo Map and Initiation of a Vegetation Map for Fort Davis National Historic Site

Esteban Muldavin
Bureau of Land Management/Department of the Interior $10,000
Rio Grande Vegetation Monitoring Program

Esteban Muldavin/Thomas K. Budge
National Park Service/Department of the Interior $111,452
Capulin Volcano, NM and Pecos NHP Vegetation Mapping

Esteban Muldavin/Paul Neville
National Park Service/Department of the Interior $152,363
A Vegetation Map for Petroglyphs National Monument

Donald Natvig
Forest Service  $11,000
Does Drought Exacerbate Damage Caused by Bark-Beetle-Associated Fungi in Pinon-Juniper Woodland Ecosystems

Mary Anne Nelson/Kathryn G. Vogel/Terry L. Yates
National Institute of General Medical Sciences/NIH/DHHS $188,611
Undergraduate Biomedical Research Training at the University of New Mexico

William Pockman
Los Alamos National Laboratory  $25,000
Biosphere-Atmosphere CO2 Exchange of Terrestrial Ecosystems: Combining High Resolution Measurements and Advanced Models

William Pockman
Tulane University  $96,000
Impact of Rainfall Variability and Woody Encroachment on Productivity in a Semiarid Grassland in New Mexico
William Pockman
Forest Service/Department of Agriculture  $15,000
Implications of Precipitation Changes on the Carbon Balance of Piñon-Juniper Ecosystems

Paul Polechla
U.S. Fish & Wildlife Service/Department of the Interior  $22,000
Distribution, Relative Abundance, and Tree/Shrub Selection of the Beaver (Castor Canadensis) of the Middle Rio Grande: Management of a Keystone Species

Robert Sinsabaugh
Department of Energy  $205,254
Mechanics of Soil Carbon Sequestration by Nitrogen Deposition

Robert Sinsabaugh
National Science Foundation  $23,999
Nitrogen Cycle of a Semi-arid Grassland: A Fungal Loop?

Robert Sinsabaugh
University of Minnesota  $35,793
Photodegradation of Terrestrial Plant Litter

Felisa Smith
National Science Foundation  $23,121
The Impact of Late Quaternary Climate Change on Mammals Along an Elevational Gradient

Howard Snell
NM Game and Fish Department  $14,000
Linking People with New Mexico’s Amphibians and Reptiles

Howard Snell
University of Kansas Center for Research  $30,734
Development of a Distributed Information Network of North American Herpetological Databases

Jessica Snider/Diana E. Northup
Southwest Region of the National Speleological Society  $400
Identification of the Microbial Communities Associated with Roots in New Mexico Lava Tubes

Alexandra Snyder
Bureau of Reclamation/Department of the Interior  $25,000
Grant Agreement for Curatorial Services between U.S. Bureau of Reclamation and the Museum of Southwestern Biology at the University of New Mexico

Philip Tonne
Forest Service  $8,500
Holy Ghost Ipomopsis Planting

Philip Tonne
NM Energy, Minerals and Natural Resources Department  $8,750
Endangered Species Recovery and Status

Philip Tonne
National Park Service/Department of the Interior  $6,400
Rattlesnake Springs Plant Surveys

Thomas Turner
Bureau of Reclamation/Department of the Interior  $122,569
Conservation Genetics of the Rio Grande Silvery Minnow (RGSM): Baseline Population Genetics of Wild Stocks and Monitoring

Thomas Turner
National Science Foundation  $6,000
REU: CAREER: Museum-Based Approaches to Ecology and Evolution of Aquatic Systems

Thomas Turner
NM Game and Fish Department  $5,300
Baseline Genetic Survey of the Threatened Pecos Bluntnose Shiner (Notrois simus pecocosensis)

Andreas Wagner/Margaret C. Werner-Washburne
National Institute of General Medical Sciences/NIH/DHHS  $118,400
Structural, Functional and Evolutionary Characterization

Robert Waide/William Michener/John R. Vande Castle/James Brunt
National Institute of General Medical Sciences/NIH/DHHS  $125,213
Analysis of Quiescent and Non-Quiescent Cells in Stationary-Phase Yeast Cultures

Margaret Werner-Washburne
National Institute of General Medical Sciences/NIH/DHHS  $375,772
A Compendium of Gene Expression in Stationary Phase, a.k.a Integrated, Genomic Analysis of Quiescence in Yeast

Margaret Werner-Washburne
National Science Foundation  $125,213
Analysis of Quiescent and Non-Quiescent Cells in Stationary-Phase Yeast Cultures

Margaret Werner-Washburne
National Institute of General Medical Sciences/NIH/DHHS  $537,729
UNM Initiative for Minority Student Development (IMSD)
Blair Wolf
National Science Foundation  $12,000
REU Supplement: Columnar Cacti: A Critical Resource for Avian Community Responses and Nutrient Fluxes in Natural and Experimental Settings

Blair Wolf
T & E Inc.  $2,500
Quantifying the Importance of Seasonal Resource Pulses in a Food Web and the Influence of These Pulses on Consumer Population

Terry Yates/Vasudev M. Kenkre/Robert Parmenter
National Science Foundation  $416,217
Ecological Drivers of Rodent-Borne Disease Outbreaks: Trophic Cascades and Dispersal Waves

Terry Yates/William Michener
Office of Naval Research  $90,000
Predictive Modeling, Visualization and Pattern Recognition Utilizing Large and Complex Datasets

Terry Yates
Centers for Disease Control and Prevention/DHHS  $191,960
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States

Center for Advanced Studies
Carlton Caves
Office of Naval Research  $40,000
Quantum Entanglement and High-Precision Measurements

Carlton Caves/Ivan H. Deutsch
Army Research Office  $124,875
Entanglement and the Power of Quantum Computation

Ivan Deutsch
Office of Naval Research  $27,292
Quantum Control of Ultracold Atoms for Improved Frequency Standards

Ivan Deutsch
National Science Foundation  $60,000
Quantum Control of Atomic Ensembles in Optical Lattices

Ivan Deutsch
National Institute of Standards & Technology/Technology Administration/DOC  $50,000
Quantum Control of Atoms in Optical Traps for High Fidelity Quantum Logic

J.M. Geremia
Air Force Office of Scientific Research  $100,001
Developing Quantum Metrology for Improved Situational Awareness

Sudhakar Prasad/Stuart Jefferies
Air Force Office of Scientific Research  $501,565
Advanced Concepts in Space Situational Awareness

Center for Research in Ecological Studies and Technology
William Michener
National Science Foundation  $100,000
Resource Discovery Initiative for Field Station

William Michener/James Brunt
U.S. Geological Survey/Department of the Interior  $135,000
National Biological Information Infrastructure (NBII) and UNM Metadata Standardization Project

Sudhakar Prasad
Boeing Company  $10,000
MSSS-RDOM

Robert Waide
University of Maryland  $46,494
Characterizing Forest Structure for Assessments of Carbon Cycling and Biodiversity

Robert Waide
National Science Foundation  $1,436
Supplement for a 2004 Revision of the ILTER Brochure

Robert Waide
National Science Foundation  $100,000
Long Term Ecological Network (CREST Center Plan)

Robert Waide
University of Puerto Rico, Rio Piedras  $19,654
Luquillo LTER

Robert Waide
National Science Foundation  $175,000
A Proposal for the LNO: ASM2006 Supplement

Chemistry
Paul Bentley
Sandia National Laboratories  $20,000
Synthesis of Test Compounds for Through-Space Spreading of Polymer Degradation

Jim Brozik
SAIC  $9,975
Photoisomer Dynamics: Novel Optically Actuated Materials

Jim Brozik
National Institute of General Medical Sciences/NIH/DHHS  $225,403
UNM PREP (Post-Baccalaureate Research Education Program)
Jim Brozik  
University of Hawaii  $25,230  
PanStarrs Active Optics Study

Jim Brozik  
Air Force Research Laboratory  $12,174  
IPA for Luke Emmert

Lorraine Deck  
Arizona State University  $756  
Synthesis of Hemigossypol Analogs for Biological Studies

Lorraine Deck  
University of Arizona  $756  
Synthesis of Analogs for Kinetic Studies

Lorraine Deck  
University of Arizona  $756  
Synthesis of Analogs for Testing

Debra Dunaway Mariano  
Boston University  $223,250  
Mechanism and Function in HAD Phosphotransferases

John Engen  
National Institute of General Medical Sciences/NIH/DHHS  $284,303  
Structural Dynamics of Src-Family Kinase Activation

Christie Enke  
MDS Sciex  $88,300  
MS/MS of Everything All of the Time

Deborah Evans  
American Chemical Society  $100,000  
Synthetic and Theoretical Studies of Electron Transport in Macromolecules and Nanoassemblies

Hua Guo  
National Science Foundation  $120,000  
Theoretical Studies of Spectroscopy and Dynamics of Molecular Systems

Hua Guo  
Department of Energy  $92,000  
Wave Packet Based Statistical Approach to Complex-Forming Reactions

Hua Guo  
National Institute of General Medical Sciences/NIH/DHHS  $75,000  
Simulations of Substrate Binding and Catalysis of Subclass B2 beta Lactamases

Richard Kemp  
National Science Foundation  $30,000  
NSF Inorganic Chemistry Workshops 2004-2006

Richard Kemp  
Department of Energy  $250,000  
Direct Epoxidations Using Molecular Oxygen

Richard Kemp  
Sandia National Laboratories  $39,000  
Catalysts for Selective Hydrocarbon Oxidation

Richard Kemp  
Sandia National Laboratories  $23,066  
Synthesis of Di-chromic Crystals

Martin Kirk  
National Institute of General Medical Sciences/NIH/DHHS  $251,865  
Spectroscopic Studies of Molybdoenzymes and Models

Martina de la Torre  
Southern Methodist University  $105,000  
Unusual Metal-Ligand Redox Interplay in 4f-Element Metalloocene-Based Molecular Magnetic Materials

Martin Kirk  
Ohio State University  $75,000  
Mechanism and Inhibition of S-ribosylhomocysteinase (LuxS)

Patrick Mariano  
University of Maryland  $231,095  
Giardia Drug Targets: Structure Function and Inhibitors

Patrick Mariano  
National Science Foundation  $360,000  
Synthetic Pyridinium Salt Photochemistry

Patrick Mariano  
National Science Foundation  $132,000  
Electron Transfer Photochemistry

Thomas Niemczyk  
Air Force Research Laboratory  $16,729  
IPA for Andrew Pineda

Robert Paine  
Department of Energy  $135,000  
Preorganized and Immobilized Ligands for Metal-Ion Separations

Robert Paine  
Department of Energy  $147,800  
Design and Development of Selective Extractants for An/Ln Separations

David Tierney  
National Science Foundation  $315,000  
Integrated Paramagnetic Resonance of High-Spin CFe(II) Systems
Richard Watt
NASA—Langley  $80,523
The Synthesis and Characterization of New Novel Nano-Materials in the Hollow Interior of Ferritin

See also: Center for Micro-Engineered Materials

Communication and Journalism
Glenda Balas
New Mexico Endowment for the Humanities  $2,000
Gifts of the Land: New Mexico’s Farm and Ranch Workers

Earth and Planetary Sciences
Yemane Asmerom
National Science Foundation  $48,000
Acquisition of a MC-ICPMS for Earth Sciences in New Mexico

Adrian Brearley
NASA—Washington  $56,840

Adrian Brearley
NASA—Washington  $48,981
Complete FEGSTEM and HRTEM Petrography of Extracted COMET WILD-2 STARDUST

Adrian Brearley
NASA  $231,608
Formation and Alteration Behavior of Chondritic Materials

Laura Crossey/Tobias Fischer
National Science Foundation  $17,500
Dissected Hydrologic System at Grand Canyon: Interaction Between Upper and Lower Waters in Modern Springs and Ancient Travertines

Laura Crossey
National Science Foundation  $162,582
Acquisition of an ICP-OES for Geoscience Research at the University of New Mexico

Laura Crossey
National Science Foundation  $70,774
Collaborative Research: CO2 Springs and Travertines of the Southwestern U.S.: Hydrologic Pathways Linking Tectonism to Water Quality

Laura Crossey
NM State University  $49,931
UNM Alliance for Minority Participation

Maya Elrick
National Science Foundation  $125,722
Using Oxygen Isotopes of Apatitic Conodonts to Understand Origins of Paleozoic Triassic 3rd Sea Level Change

Peter Fawcett/John W. Geissman
Los Alamos National Laboratory  $39,956
Deep Coring of the Valles Caldera: Obtaining a Long-Term Paleoclimate Record for Northern New Mexico

Tobias Fischer
National Science Foundation  $239,340
Collaborative Research: The Nitrogen Isotope Systematics of the Icelandic Mantle

Joseph Galewsky
National Science Foundation  $63,054
Collaborative Research: Dynamics of Subtropical Humidity

John Geissman
National Science Foundation  $180,429
Collaborative Research: Integrated Tectonic and Paleomagnetic Study of the Early Cenozoic Rotation

David Gutzler
Department of Commerce  $33,075
NAME Climate Process and Modeling Team

David Gutzler
Department of Commerce  $33,615
NAME Climate Process and Modeling Team

Ying-Bing Jiang/Peng Li
Ferro  $30,000
Investigation of Advanced Nanoparticles and Advanced Film/Substrate Interface Structures

Ying-Bing Jiang
Pacific Northwest National Laboratory  $9,498
Nano Scale Investigation of Functional Materials

Rhian Jones
NASA—Washington  $117,000
Formation and Alteration Behavior of Chondritic Materials

Karl Karlstrom/John Bloch/Laura J. Crossey
National Science Foundation  $17,500
Mesoproterozoic Tectonics of Inboard Southwestern Laurentia: Insight Into Assembly and Configuration of Rodinia from Study of Sedimentary Successions

Victor Polyak
National Science Foundation  $234,812
Incision History of Grand Canyon from Speleothems: Bridging the Gap
Earth Data Analysis Center
Shirley Baros
Centers for Disease Control and Prevention/DHHS $54,437
IPA for Shirley Baros

Shirley Baros
NM Energy, Minerals and Natural Resources Department $215,453
EMNRD GIS Support Services

Shirley Baros
Centers for Disease Control and Prevention/DHHS $24,996
Interactive Web Mapping Support—Mapping a Vision

Thomas Budge
Sandia National Laboratories $67,963
Technical Assistance—SNL Cooperative Monitoring Center

Thomas Budge
Sandia National Laboratories $27,550
Sandia Geospatial Analysis Support

Thomas Budge
Sandia National Laboratories $2,000
Preparation of a 3D Terrain Model

Thomas Budge
Sandia National Laboratories $17,974
Acquire and Process Satellite Imagery of Russia

Michael Inglis
National Park Service/Department of the Interior $1,100
Geographic Information Systems

Michael Inglis
NM Department of Health $55,000
Development of the Environmental Public Health Tracking System Plan

Michael Inglis
NM Department of Health $50,000
Environmental and Public Health Mapping System: Arsenic Data Linkage Application—Tracking 2, Year 3

Michael Inglis
Federal Emergency Management Agency $121,452
Map Modernization Management Support (MMMS) Cooperative Grant

Michael Inglis
NM Department of Health $69,500
Environmental Public Health Tracking System Plan

Michael Inglis
NM Public Safety Department $100,000
Map Modernization Support (MMMS) Program

Frans Rietmeijer
NASA–Washington $34,000
Complete FEG and HRTEM Petrography of Extracted Comet Wild 2 STARDUST

Frans Rietmeijer
SETI Institute $10,582
Analysis of Ablation Features on the STARDUST Heat Shield

Elizabeth Ritchie-Tyo/David S. Gutzler
National Oceanic & Atmospheric Administration/Department of Commerce $103,550
Tropical Cyclone Activity Associated with the North American Monsoon Season

Mousumi Roy
National Science Foundation $124,214
Collaborative Research: Crustal Deformation Measurements and a Multidisciplinary Investigation of the Rio Grande Rift

Mousumi Roy
National Science Foundation $99,994
Testing a New Model of the Tertiary Evolution of the Colorado Plateau Based on Constraints from Magmatic Patterns, Xenoliths, Geologic, and Geophysical Data

Zachary Sharp/Tobias Fischer
National Science Foundation $82,163
Chlorine Isotopes as Tracers of Subduction Zone Fluids

Gary Smith/John W. Geissman
National Science Foundation $31,301
Integrated Stratigraphic, Geomorphic, Sedimentologic, Numeric, and Experimental Study of Hangingwall Ramp Architecture

Tim Wawrzyniec
American Chemical Society $40,000
A Collaborative Paleomagnetic, Remote Sensing, and Field Study of the Neogene Fragmentation of the Maya Block with Implications for the Jurassic Opening of the Gulf of Mexico

Tim Wawrzyniec
Department of Energy $1,300
Used Energy Related Equipment Grant

Gary Weissmann
State University of New York $109,569
Geochemical and Physical Aquifer Property Heterogeneity: A Multiscale Sedimentologic Approach to Reactive Solute Transport

Gary Weissmann
National Science Foundation $93,531
CAREER: Integrated Stratigraphic and Hydrogeologic Aquifer Analysis: Toward Improved Multi-Scale Characterization of Alluvial Aquifer Systems
### Economics

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Berrens/Michael McKee</td>
<td>Forest Service</td>
<td>$49,998</td>
<td>A Research Agenda for Understanding Behavioral and Economic Responses to Forest Restoration Programs in the Southwest</td>
</tr>
<tr>
<td>Robert Berrens</td>
<td>Forest Service/Department of Agriculture</td>
<td>$195,000</td>
<td>Attitudes, Beliefs, and Values Towards National Forests and National Forest Management</td>
</tr>
<tr>
<td>Robert Berrens</td>
<td>Forest Service/Department of Agriculture</td>
<td>$12,000</td>
<td>Economic Analysis in Support of National Forest Planning</td>
</tr>
<tr>
<td>David Brookshire</td>
<td>University of Arizona</td>
<td>$132,830</td>
<td>Sustainability of Water Resources in Semi-Arid Regions</td>
</tr>
<tr>
<td>David Brookshire</td>
<td>Sandia National Laboratories</td>
<td>$101,445</td>
<td>Decision Support Modeling to Aid in Design of Water Banks for New Mexico</td>
</tr>
<tr>
<td>Janie Chermak/David S. Brookshire</td>
<td>Sandia National Laboratories</td>
<td>$100,000</td>
<td>Fully Integrated System Dynamics Toolbox for Water Resources Planning</td>
</tr>
<tr>
<td>Janie Chermak</td>
<td>Department of Agriculture</td>
<td>$200,000</td>
<td>Strategic Behavior, Informational Asymmetries, and Spatial Variations in Invasive Species Management on Ranching Lands: An Evaluation of Incentives for Russian Kanpweed and Yellow Starthistle</td>
</tr>
<tr>
<td>Jennifer Thacher</td>
<td>NM Water Resources Research Institute</td>
<td>$10,000</td>
<td>Predicting Land Use Change and its Effect on Nonpoint Source Pollution</td>
</tr>
</tbody>
</table>

### Geography

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olen Matthews</td>
<td>National Geographic Society</td>
<td>$49,920</td>
<td>New Mexico Geographic Alliance Infusion Network (GAIN)</td>
</tr>
</tbody>
</table>

### Institute for American Indian Research

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joanne McCloskey</td>
<td>Southwestern Indian Polytechnic Institute</td>
<td>$15,000</td>
<td>Developing a Health Curriculum at SIPI</td>
</tr>
</tbody>
</table>

### Institute for Medieval Studies

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy Graham</td>
<td>NM Endowment for the Humanities</td>
<td>$7,702</td>
<td>Spring Lecture Series 2006—Medieval Innovations: How the Middle Ages Changed the Western World</td>
</tr>
</tbody>
</table>

### Institute of Meteoritics

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carl Agee</td>
<td>NASA—Washington</td>
<td>$100,000</td>
<td>Experimental Studies of Planetary Magmas at High Pressure</td>
</tr>
<tr>
<td>Carl Agee</td>
<td>National Science Foundation</td>
<td>$165,275</td>
<td>Static Compression of Hydrous Silicate Liquids</td>
</tr>
<tr>
<td>Lars Borg</td>
<td>NASA—Houston</td>
<td>$280,000</td>
<td>Geochronology of Planetary Materials: A Petrologic Approach</td>
</tr>
<tr>
<td>Barbara Cohen</td>
<td>NASA—Washington</td>
<td>$42,000</td>
<td>Using Geochemistry and 40Ar-39Ar Geochronology of Granulitic Clasts in Lunar Meteorites to Constrain Lunar Bombardment</td>
</tr>
<tr>
<td>Barbara Cohen</td>
<td>NASA—Washington</td>
<td>$42,000</td>
<td>Using Geochemistry and 40Ar-39Ar Geochronology of Granulitic Clasts in Lunar Meteorites to Constrain Lunar Bombardment</td>
</tr>
</tbody>
</table>

### English

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Agency</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janet Yagoda-Shagam/Diana E. Northup</td>
<td>Lockheed Martin Corporation</td>
<td>$5,000</td>
<td>Communicating Science</td>
</tr>
</tbody>
</table>
Barbara Cohen  
Los Alamos National Laboratory  $7,000  
Collaborative research with Dr. Robert Coker

David Draper  
National Science Foundation  $100,000  
Experimental Studies of Garnet-Melt Trace Element Partitioning

David Draper  
National Science Foundation  $15,519  
Upgrading of High-pressure Experimental Petrology Laboratory at the University of New Mexico

Horton Newsom  
University Space Research Association  $18,869  
A Broker/Facilitator Partnership to Serve Central Southwest Region and Hawai’i

Horton Newsom  
NASA—Washington  $59,231  
Hydrothermal Fluids and Alteration on Mars: Sources of Life-Related and Toxic Elements in the Near Surface Environment

Horton Newsom  
Southwestern Indian Polytechnic Institute  $99,359  
STARS—Space and Terrestrial Applied Research Studies (SIPI)

Horton Newsom  
NASA—Houston  $30,000  
Impact Crater and Volcanic Hydrothermal Alteration and Mobile Element Transport Processes

Horton Newsom  
NASA  $20,000  
Alteration and Mobile Element Transport Under Ambient to Hydrothermal Conditions in Impact Craters (aka Impact Crater Hydrothermal Alteration and Mobile Element Transport Processes)

Horton Newsom  
University of California, Los Angeles  $16,120  
Dawn Mission Educational Activities

James Papike  
NASA  $270,000  
Microbeam Studies of Planetary Materials

Robert Reedy  
University of Arizona  $19,375  
Mapping Martian Elemental Compositions Using Gamma Rays and Neutrons

Robert Reedy  
University of Arizona  $19,375  
Mapping Martian Elemental Compositions Using Gamma Rays and Neutrons

Robert Reedy  
National Science Foundation  $20,000  
Collaborative Research: A Proposal for the Cosmic-Ray Produced Nuclide Systematics on Earth (CRONUS-Earth) Project

Robert Reedy  
NASA  $63,000  
Extraterrestrial Studies Using Nuclear Interactions

Robert Reedy  
University of Arizona  $76,000  
Mapping Martian Elemental Compositions Using Gamma Rays and Neutrons

Charles Shearer  
NASA—Washington  $65,000  
Behavior of Volatiles During Shock of Martian Basalts

Charles Shearer  
NASA  $69,497  
Upgrading of a Cameca IMS 4f Secondary Ion Mass Spectrometer for Application in Planetary Materials Research

Linguistics  
Melissa Axelrod  
National Science Foundation  $29,151  
Database of Ixil Mayan Narratives

Melissa Axelrod  
National Science Foundation  $203,839  
Nambe Tewa Language Revitalization Project Production of an Electronic Archive

Mathematics and Statistics  
Charles Boyer  
National Science Foundation  $215,999  
Einstein Metrics, Sasakian Geometry and Kaehler Orbifolds

Alexandru Buium  
National Science Foundation  $112,100  
Fermat Quotients, Correspondences and Uniformization

Sam Efromovich  
National Science Foundation  $53,316  
Nonparametric Curve Estimation: Theory and Application
James Ellison
Department of Energy  $190,000
Investigations of Beam Dynamics Issues at Current and Future Accelerations

Thomas Hagstrom
Army Research Office  $49,999
Adaptive, High-Resolution Simulation Methods for Wave Propagation in Heterogeneous Media

Laura Salter
National Science Foundation  $74,999
Gene Tree-Species Relationships Under the Coalescent Process

Laura Salter
Ohio State University  $27,935
The Relationship Between Trees and Species Trees Under the Coalescent Process

Santiago Simanca
National Science Foundation  $25,000
Riemannian Topology and Geometric Structures on Manifolds

David Phillips
Army Corps of Engineers  $5,800
Archeological Curation, Federal FY

Maxwell Museum of Anthropology
Carol Anne Brannan
City of Albuquerque  $7,600
Arts & Crafts From Around the World

Office of Contract Archeology
Richard Chapman/William Doelman
Bernalillo County  $58,597
Phase II-Excavation/Analysis/Reporting of Any Human Burial Discovered During Arch. Monitoring of NVVSS Area D

Richard Chapman
NM State Land Office  $29,500
Cultural Resources Overview for Otero Mesa County, NM

Richard Chapman
Army Corps of Engineers  $47,798
Archeological Survey, Site Testing and Reporting: Fishing Pier Access Road Relocation, Cochiti Reservoir

Richard Chapman
High Mesa General Partnership  $2,769
Cultural Resources Survey of 41 Acres in Placitas, NM

Richard Chapman
Albuquerque Public Schools  $20,806
APS West Side High School Site Cultural Resources Treatment Plan

Richard Chapman
Army Corps of Engineers  $1,174,848
Indefinite Delivery Contract for Cultural Resources Services: RATE SCHEDULE

Richard Chapman
Encerca Engineering, LLC  $163,682
MAPL Expansion Project Cultural Resources Treatment—Prefield Prep and Project Gear-Up

Richard Chapman
Encerca Engineering, LLC  $620,961
MAPL Western Expansion Project Cultural Resources Treatment—Task 2

Richard Chapman
Encerca Engineering, LLC  $125,239
MAPL Western Expansion Project Cultural Resources Treatment—Task 3

Richard Chapman
Encerca Engineering, LLC  $1,298,489
MAPL Western Expansion Project Cultural Resources Treatment—Task 4

Richard Chapman
Bureau of Land Management/Department of the Interior $2,499
Documentation of Two Sites in the El Malpais Region

Richard Chapman
U.S. Fish & Wildlife Service/Department of the Interior  $796
Class III Cultural Resources Survey and Report for 4.5 Acres in the Village of Sile, Sandoval County, New Mexico

Richard Chapman
NM State Land Office  $25,000
Statement of Work: Class III Cultural Resources Survey of 640 Acres Near Pueblo Blanco, Santa Fe County, NM

Richard Chapman
Bernalillo County  $98,609
North Valley Vacuum Sewer System Area "D" Construction: Analysis and Reporting

Richard Chapman
Army Corps of Engineers  $15,612
Archaeological Site Survey, Site Testing and Report forArsenic Remediation for Water Well No. 12, Rio Rancho

Richard Chapman
Central New Mexico Electric Cooperative, Inc.  $7,982
Central NM Electric Coop Survey
Richard Chapman
Army Corps of Engineers  $20,330
Archaeological Survey and Report, BNSF Railroad Relocation, San Marcial, Socorro County, New Mexico

Richard Chapman
Giant Industries, Inc.  $4,412
Class III Cultural Resources Survey of a Temporary Use Area Along the NMPP Corridor on BLM

Richard Chapman
Albuquerque Technical and Vocational Institute  $12,740
Cultural Resources Monitoring of TVI West Side Campus Construction Site

Richard Chapman
NBC News Productions  $6,875
Personnel and Equipment Support for Field Investigations Near Corona, NM

Patrick Hogan/Richard Chapman
Santa Fe Canyon Ranch LLC  $37,742
Cultural Resources Survey of 1300 Acres Near La Cienega, New Mexico

Patrick Hogan
C.H. Guernsey & Company  $9,654
Archaeological Survey and Report, US Highway 64

Patrick Hogan
Kimley-Horn & Associates, Inc.  $5,830
Class III Cultural Resources Survey of 258 Acre Airport Site Near Solano, Harding County, NM

Patrick Hogan
Army Corps of Engineers  $8,221
Archaeological Survey for Abiquiu Dam Slope Stabilization

Patrick Hogan
Army Corps of Engineers  $15,971
Archaeological Survey for Hatch Dam and Flood Pool

Bernd Bassalleck/Douglas Fields
Department of Energy  $342,000
Strange Particles and Heavy Ion Physics

John Brandt
Jet Propulsion Lab  $8,000
The Planetary Astronomy Program/Management Operations Working Group

Jean-Claude Diels/Alejandro B. Aceves
Army Research Office  $485,057
Optical Filaments and Electrical Discharges

Robert Duncan
California Institute of Technology  $10,000
Caltech Moore Scholar

Robert Duncan
California Institute of Technology  $18,666
Caltech Moore Scholar

Robert Duncan
Jet Propulsion Lab  $177,500
Critical Dynamics in Microgravity (DYNAMX)

David Dunlap
Cornell University  $30,000
Center for Nanoscale Systems in Information Technologies: Charge Transport in Nanoscale Organic Electronic Devices

David Emin
Air Force Research Laboratory  $29,996
IPA 273 Emin

Douglas Fields
Brookhaven National Laboratory  $50,725
RHIC Physics Fellow Program Agreement

Douglas Fields
Brookhaven National Laboratory  $16,300
Testing the Silicon Strip Detectors for the PHENIX Upgrade Vertex Tracker

Michael Gold
Department of Energy  $138,000
NM Center for Particle Physics: Task A2: Collider Physics 04-07

Patricia Henning
National Science Foundation  $90,183
Mapping the Zone of Avoidance with Arecibo

Vasudev Kenkre
National Science Foundation  $350,000
The Consortium of the Americas for Interdisciplinary Science

Philosophy
Russell Goodman
National Endowment for the Humanities/National Foundation on the Arts and Humanities  $3,946
Reading Emerson’s Essays

Physics and Astronomy
Bernd Bassalleck
National Science Foundation  $9,000
Support of Student Program of PANIC05 Conference
Vasudev Kenkre  
National Science Foundation  $366,050  
The Consortium of the Americas for Interdisciplinary Science  

Dinesh Loomba  
National Science Foundation  $102,155  
CAREER: Development of a New Generation of Gas-based Detectors for the Directionality Signature from Dark Matter  

Dinesh Loomba  
Occidental College  $28,350  
DRIFT II: Next Generation Dark Matter Search Using a Negative Ion TPC  

John Matthews  
Department of Energy  $372,000  
New Mexico Center for Particle Physics—Task B: Particle Astrophysics  

John McGraw  
University of Texas, Austin  $735,000  
Near Earth Space Surveillance Initiative (NESSI)  

John McIver  
Air Force Research Laboratory  $22,397  
Nanotechnology, Solid State Thin Films and Ultrashort (fs) Lasers  

John McIver  
SAIC  $15,000  
Tactical Beam Control Analysis  

John McIver  
University of Hawaii  $114,145  
ONRG MIDPAC UNM/UH Contractor Support  

Sudhakar Prasad  
UT-Battelle, LLC  $49,457  
A Practical Enhanced-Resolution Integrated Optical-Digital Imaging Camera (PERIODC) System  

Richard Rand  
Jet Propulsion Lab  $52,041  
The Ionization of Diffuse Ionized Gas Halo of NGC 891  

Wolfgang Rudolph/Jim Brozik/Stephen A. Stricker/Mansoor Sheik-Bahae/Gabriel P. Lopez  
National Science Foundation  $492,889  
[IGERT] Cross-Disciplinary Optics Research and Education (CORE)  

Wolfgang Rudolph  
Applied Research Association, Inc.  $3,077  
Analysis, Modeling, and Experimental Measurements in Support of Smart Glass Development  

Wolfgang Rudolph  
Army Research Office  $350,630  
Optically Pumped Atomic and Molecular Gas Lasers  

Wolfgang Rudolph  
Applied Research Association, Inc.  $187,494  
Laser-Induced Breakdown Spectroscopy  

Wolfgang Rudolph/Gordon Hager  
Air Force Institute of Technology  $239,963  
IPA for Gordon D. Hager  

Wolfgang Rudolph/Paul Schwoebel  
Office of Naval Research  $215,000  
Studies of Fundamental Processes Limiting the Performance of Coatings and Substrates for High-Power Free Electron Lasers (FEL’s)  

Darryl Sanchez  
Air Force Research Laboratory  $156,987  
IPA  

Paul Schwoebel  
Los Alamos National Laboratory  $47,163  
DAHRRT Support  

Sally Seidel  
Department of Energy  $194,000  
Collider Physics, Task A1  

Sally Seidel  
Department of Energy  $42,000  
ADR: Fabrication and Testing of 3D Active-Edge Silicon Sensors: High Speed, High Yield  

Sally Seidel  
Brookhaven National Laboratory  $71,101  
Engineering for the ATLAS Laboratory  

Mohinder Pau Sharma  
Air Force Research Laboratory  $69,898  
IPA  

Mansoor Sheik-Bahae  
Air Force Office of Scientific Research  $772,933  
Consortium for Laser Induced Cooling in Solids  

Mansoor Sheik-Bahae  
Air Force Office of Scientific Research  $161,000  
Instrumentation for All-Solid-State Optical Cryocooler Project
Gregory Taylor  
Smithsonian Institution  $66,087  
A Megasecond Image of the Core of the Perseus Cluster

James Thomas  
Army Research Office  $372,170  
Surface Plasmons for Novel Optoelectronic Components and Microscopy for Bio-Imaging

James Thomas  
Air Force Office of Scientific Research  $99,000  
Femtosecond Oscillator and IR Detector for Field-Enhanced Microscopy

James Welch  
Missile Defense Agency  $155,271  
IPA

**Political Science/Institute for Public Policy**

Lonna Atkeson  
National Science Foundation  $8,528  
Framing the Pain: How Attribution of Blame for Pain and Loss Shapes Preferences for Policy

Amy Goodin  
Texas A&M Research Foundation  $70,000  
Transportation Risk Assessment and Property Values in CA and SC

Amy Goodin/Amy Rouse  
NM Division of Vocational Rehabilitation  $15,000  
State Employee Disability Assessment

Amy Goodin/Amelia Rouse  
Sandia National Laboratories  $106,149  
SNL: NPP EPZs

Amy Goodin/Amelia Rouse  
Sandia National Laboratories  $150,000  
National Security Survey 2005

Amelia Rouse  
New Mexico First  $25,000  
Emerging Issues Surveys

Amelia Rouse/Amy Goodin  
NM Children, Youth and Family Department  $50,000  
Market Rate Survey: Childcare

**Psychology**

Vincent Clark  
MIND Institute  $60,877  
.5 FTE Salary for 2005-2006

Timothy Goldsmith/Peder J. Johnson  
Federal Aviation Administration  $100,000  
Training and Assessing Aircrew Skills: Methods to Achieve Reliable and Valid Performance Data

Derek Hamilton  
National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS  $224,731  
Prenatal Ethanol, Social Behavior and Prefrontal Cortex

Dan Matthews  
Second Judicial District Court  $83,344  
Graduate Students Will Conduct Intake Interviews to Assess Families Referred to the FAIR Program by the Judges

Bruce Smith  
MIND Institute  $12,731  
Two Course Buyouts for Spring 2006

Akaysha Tang  
Sandia National Laboratories  $150,000  
Construction, Extraction and Validation of Human Brain Prints from High-Density EEG

Steven Verney  
University of Colorado  $21,817  
Native Investigator's Development Program  
*See also: Center on Alcoholism, Substance Abuse, and Addictions*

**Religious Studies**

Richard Wood  
Louisville Institute  $33,522  
Nexus: Religion in the Public University

**Sociology/Institute for Social Research**

Nelson Valdes  
Ford Foundation  $150,000  
The Cuba Electronic Information Collaboration
Lisa Broidy/Tim Wadsworth  
City of Albuquerque $14,000  
Weed and Seed Year 2 Evaluation Project  
Lisa Broidy  
Justice Research Statistics Association $4,788  
Travelling to Violence: Using IBR Data to Assess Correlates to Travel Distance  
Lisa Broidy  
Justice Research Statistics Association $49,558  
NM Criminal History Record Capacity Building Project  
James Davis/Paul Guerin  
Bernalillo County $10,873  
MDC Community Custody Program Research—CTS Matching  
Paul Guerin  
NM Corrections Department $23,289  
Community Corrections Program Research  
Paul Guerin  
NM Corrections Department $30,268  
Serious Violent Offender Re-Entry Initiative Evaluation  
Paul Guerin  
City of Albuquerque $20,000  
Information System Development and Technical Assistance  
Paul Guerin  
City of Albuquerque $30,000  
Information System Development and Technical Assistance  
Paul Guerin  
Bernalillo County $52,716  
MDC Community Custody Program Research  
Paul Guerin  
New Mexico CASA Network $20,000  
CASA CRB Research  
Paul Guerin  
City of Albuquerque $24,981  
City of Albuquerque Research Services  
Paul Guerin  
NM Corrections Department $20,688  
Serious Violent Offender Re-Entry Initiative Database—Task 2  
Paul Guerin  
City of Albuquerque $15,000  
Addiction Treatment Program Evaluation  
Paul Steele  
NM Public Safety Department $19,787  
Project Safe Neighborhoods Expansion  
Paul Steele  
Justice Research Statistics Association $30,000  
Collaborative Studies in Two Weed and Seed Sites: Supporting Community Critical Incident Reviews and Other Programs  
Paul Steele  
Department of Justice $50,000  
Identifying Patterns of Gang Activity in Albuquerque, NM  
Tim Wadsworth  
National Institute of Justice/Department of Justice $30,918  
When Missing Data Aren’t Missing: A New Approach to Evaluating SHR Imputation Strategies  
Howard Waitzkin  
National Institute of Mental Health/NIH/DHHS $248,842  
Mental Health RESEARCH Education Grants  
See also: Center on Alcoholism, Substance Abuse, and Addictions  

Speech and Hearing Sciences  
Cathy Binger  
American Speech-Language-Hearing Foundation $5,000  
The Effects of a Caregiver Instructional Program or the Multi-Symbol Utterances of Latina Children Who Require Augmentative and Alternative Communication  
Janet Patterson  
Albuquerque Public Schools $65,847  
APS/UNM Collaborative Program in Speech-Language Pathology  
Janet Patterson  
Bernalillo Public Schools $6,699  
Speech-Language Pathology Graduate Internship  
Barbara Rodriguez  
Penn State University $52,084  
Assessment of Phonological Abilities in Bilingual Children  

DIVISION OF CONTINUING EDUCATION AND COMMUNITY SERVICES  
Rita Martinez-Purson  
NM Children, Youth and Family Department $35,000  
New Mexico Kids Infrastructure Continuation (Amendment No. 2)  
Rita Martinez-Purson  
NM Children, Youth and Family Department $228,597  
Training and Technical Assistance for the New Mexico Kids Database
Rita Martinez-Purson
NM Public Education Department  $40,000
Pre-K Website and Database Development

**COLLEGE OF EDUCATION**

Viola Florez
Albuquerque Public Schools  $661,440
APS/UNM Pilot ESC Mental Retardation and Severe Disabilities Prof. Development Agreement

Viola Florez
Santa Fe Public Schools  $425,893
Santa Fe Public Schools/UNM Partnership Exchange for Services

Viola Florez
Albuquerque Public Schools  $881,418
Albuquerque Public Schools Partnership Exchange for Services

Viola Florez
Rio Rancho Public Schools  $41,362
Rio Rancho/UNM Partnership Exchange

Michael Morris
Albuquerque Public Schools  $180,000
Albuquerque Community Learning Centers Project

**Center for Family and Community Partnerships**

Philip Duryea/Charles B. Fleddermann
National Science Foundation  $36,490
Graduate Teaching Fellows in K-12 Optics and Photonics Education

Frank Kessel
NM Children, Youth and Family Department  $5,000
Project SPARK: Supporting Partnerships to Assure Ready Kids

Frank Kessel
NM Public Education Department  $5,000
Pre-K School Readiness Project

Frank Kessel
Rutgers University  $66,168
An Outcomes-Based Approach to Evaluating State-Funded Pre-K Services, Costs and Children’s Learning in New Mexico

Diane Velasquez
Department of Education  $200,000
Project LEAD (Leaders Engaged in Academic Discovery)

**Educational Specialties**

Viola Florez
Albuquerque Public Schools  $657,228
APS/UNM Pilot ESC Mental Retardation and Severe Disabilities Professional Development Agreement

Elizabeth Keefe
NM Public Education Department  $79,639
Teacher Training on Inclusive Practices

Richard Kitchen/Sylvia Celedon-Pattichis
University of Arizona  $290,674
Center of Mathematics Education for Latino/as (CEMELA)

Ruth Luckasson
Albuquerque Public Schools  $132,000
Project M.O.R.E.

Ruth Luckasson
NM Public Education Department  $24,840
Leadership Academy

Cathy Qi
National Institute of Mental Health/NIH/DHHS  $63,000
A Longitudinal Study: Exploring the Relationship Between Language Delays and Problem Behaviors in Children from Low-income Families

**Family Development Program**

Lois Vermilya Weslowski
NM Children, Youth and Family Department  $19,000
Support FDP Statewide Training

Lois Vermilya Weslowski
Frost Foundation  $15,000
Mind in the Making: New Mexico

Lois Vermilya Weslowski
Dell Foundation  $100,000
Intentional Teachers: A Community of Learners

**Individual, Family, and Community Education**

Guillermina Engelbrecht
University of California, Los Angeles  $3,000
Stipend for Elizabeth Venezuela

Karen Heller/Donna Lockner
Maternal and Child Health Bureau/Health Resources and Services Administration/DHHS  $160,000
Nutrition Leadership Education Excellence in Pediatrics
Karen Heller  
Department of Agriculture  $248,500  
Curriculum Enhancement and Creation of a Multi-Purpose Foods Lab for a Nutrition/Dietetics Program

Karen Heller  
General Mills Foundation  $7,900  
Improving the Foods Laboratory at UNM

Roxana Moreno  
National Science Foundation  $244,969  
Guided Interactive Virtual Environments (GIVEs) For Case Based Learning

Roxana Moreno  
National Science Foundation  $109,996  
Assessing Cognitive Diversity: Implications for Hispanic Native American and White Children’s Mathematics Learning

**Language, Literacy, and Sociocultural Studies**

Rebecca Martinez  
NM Public Education Department  $3,525  
Spanish Immersion Institute for Bilingual Teachers

Richard Meyer  
National Writing Project  $30,000  
High Desert Writing Project

Joseph Suina  
NM Public Education Department  $26,438  
American Indian Educational Services

Joseph Suina  
NM Department of Indian Affairs  $29,996  
Native Language Tribal Certification Training 2005-2006

**Multicultural Education Center**

Leroy Ortiz  
Department of Education  $250,626  
University of New Mexico—Gallup Site Title VII: Training for All Teachers

Leroy Ortiz  
Department of Education  $238,774  
APS Career Ladder (English Language Acquisition: National Professional Development Program)

**Physical Performance and Development**

Suzanne Schneider  
Defense Advanced Research Projects Agency  $104,646  
Effect of Palm Cooling with Negative Pressure on Heat Balance During Exercise in a Hot, Dry Environment

David Scott  
National Collegiate Athletic Association  $40,000  
National Youth Sports Program

**Teacher Education**

Rosalita Mitchell  
NM Public Education Department  $308,500  
Three Tier Licensure Implementation—Year 2

Rosalita Mitchell  
NM Public Education Department  $395,457  
Transition to Teaching

Rosalita Mitchell  
NM Department of Finance & Administration  $57,000  
Wallace Grant

Kathryn Watkins  
Army Research Office  $18,700  
Southwest Junior Science and Humanities Symposium

**Technology Education Center**

William Bramble  
Gallup-McKinley County Public Schools  $21,698  
The TECHShare Project

**SCHOOL OF ENGINEERING**

Alliance for Transportation Research

Judith Espinosa  
NM Department of Transportation  $60,000  
NM Rural ITS

Judith Espinosa  
NM Department of Transportation  $15,000  
Establishing Freight Corridors in New Mexico

Judith Espinosa  
NM Department of Transportation  $10,600  
Context Sensitive Design Guidance and Case Study

Judith Espinosa  
Department of Energy  $200,000  
Transportation Resource Exchange Center

R. Gordon McKeen  
NM Cultural Affairs Office  $5,000  
Engineering Assessments
Center for Biomedical Engineering
Plamen Atanasov
Air Force Office of Scientific Research $293,830
Fundamentals and Bioengineering of Enzymatic Fuel Cells

Sang Han
Sandia National Laboratories $11,861
Synthesis and Characterization of a Wide Variety of Nanoparticles

Gabriel Lopez
Office of Naval Research $150,000
Smart Coatings for the Prevention and Release of Biofouling

Chemical and Nuclear Engineering
C. Jeffrey Brinker
University of Virginia $46,365
The Development of an Environmentally Compliant, Multi-Functional Coating for Aerospace and Military Application Using Molecular and Nano-Engineering Methods

C. Jeffrey Brinker
University of Illinois at Urbana-Champaign $105,389
Self-Assembly of Multifunctional Ceramic 3-D Photonic Structures for Integrated Sensors

Robert Busch
Lawrence Livermore National Laboratory $23,034
Cross Section Data Base

Gary Cooper
Sandia National Laboratories $203,174
Neutron Diagnostic for Z and NIF

Julia Fulghum
Sandia National Laboratories $29,988
Molecular Dynamics Simulation

Julia Fulghum
Sandia National Laboratories $15,000
Preparation and Analysis of Functionalized Substrates

Ronald Loehman
Sandia National Laboratories $62,379
Advanced Material Lab Support

Anil Prinja/Taro Ueki
Los Alamos National Laboratory $87,379
X-5 Diagnostics Applications—Improved Methods for Monte Carlo Particle Transport

Norman Roderick
Air Force Research Laboratory $66,696
Computational Plasma Physics

Taro Ueki
Department of Energy $138,757
A Multivariate Time Series Method for Monte Carlo Reactor Analysis

Taro Ueki
Sandia National Laboratories $40,000
Variance Reduction for Monte Carlo Photon-Electron Transport Simulations

Civil Engineering
Susan Bogus
University of Colorado, Boulder $29,039
Developing a Framework for Overlapping Design and Construction Activities

Julie Coonrod
Albuquerque Metro Arroyo Flood Control $50,000
Open-Channel Modeling

Julie Coonrod
Department of Agriculture $44,000
Hydrological Aspects of Fuels Reduction Treatments and Wildfires in the Middle Rio Grande

Julie Coonrod
Army Corps of Engineers $5,000
URGWOM Phase II Testing

Julie Coonrod
Bipartisan Policy Center $18,026
Climate Change Study for the Rio Grande Above Elephant Butte Monthly Surface Water Balance Model

Julie Coonrod/Tim J. Ward
Army Corps of Engineers $51,332
State Flood Related Modeling Along the Middle Rio Grande (Identification of Issues/Needs)

Julie Coonrod/Grant Meyer
Army Corps of Engineers $48,218
Coupling of Hydrologic/Hydraulic Models and Aerial Photos Through Time

Julie Coonrod/John C. Stormont
Army Corps of Engineers $50,459
Bank Erosion Monitoring
Julie Coonrod/John Stormont
Army Corps of Engineers  $62,363
Investigating Ground/Water Surface Water Interaction at the Diversion Dam Site

Walter Gerstle
CoMeT Solutions, Inc.  $28,985
Development of CoMeT Adaptors to Various Finite Element Codes

Walter Gerstle
Sandia National Laboratories  $102,246
Analysis of Surface Vibrations Resulting from Machinery in Buildings—Phase III

Kerry Howe
MWH Americas, Inc.  $129,000
Rio Rancho Water Reuse Study

Kerry Howe
Los Alamos National Laboratory  $94,500
Chemical Effects Testing at the University of New Mexico

Kerry Howe
Sandia National Laboratories  $25,809
Physical Modeling of Scaled Water Distribution System Networks Phase II

Lary Lenke
NM Department of Transportation  $66,200
Field R-Value Correlation Method Development
Transportation Contract #C04654

Lary Lenke/Susan Bogus
NM Department of Transportation  $298,880
Pavement Evaluation New Mexico State Highway Route System Northern Region

Arup Maji
Air Force Research Laboratory  $116,400
Precision Composite Space Structures

Tang-Tat Ng
Ball Aerospace & Technologies Corporation  $39,230
Thermal-Mechanical Analysis of Structures

Tang-Tat Ng
NM Department of Transportation  $15,000
Adjustment Procedures for Backcalculated Pavement Layer Moduli

Tang-Tat Ng
Ball Aerospace & Technologies Corporation  $25,000
High Energy Laser Vulnerability Assessment Modeling Program (HELVAMP)

Mahmoud Reda Taha
Sandia National Laboratories  $40,000
SURP 05-06: Intelligent Damage Detection for Structural Health Monitoring

Mahmoud Reda Taha
Sandia National Laboratories  $24,000
Optimization of NPC Structure for Efficient Energy Transmission

Timothy Ross
Los Alamos National Laboratory  $70,000
Developing of Algorithms

Timothy Ross
Analytic Services, Inc.  $40,000
Support the HSI Task

John Stormont/Julie Coonrod
Bureau of Reclamation/Department of the Interior  $69,884
Bosque Soil Evaporation Monitoring and Modeling

John Stormont
National Academy of Sciences  $75,000
Geocomposite Capillary Barrier Drain (GCBD)

John Stormont
Sandia National Laboratories  $50,955
Infiltration Estimates at Yucca Mountain

Bruce Thomson/Kerry J. Howe
NM State University  $63,000
Investigation of Long Term Stability of Residuals from Drinking Water Arsenic Treatment in a Landfill Environment

Bruce Thomson
Sandia National Laboratories  $20,000
Compliance with Arsenic Rule for Small Communities in NM: Technical Support

Tim Ward
NM State University  $94,626
WERC Administration

Tim Ward
NM State University  $25,000
WERC

Computer Science
Stephanie Forrest
Santa Fe Institute  $15,180
Research at Santa Fe Institute

Stephanie Forrest
Motorola  $26,480
Biological Design for Computer Security
Paul Helman/Robert Veroff  
Los Alamos National Laboratory $189,916  
Software for Exporting Control

Deepak Kapur  
Sandia National Laboratories $7,000  
Membership on Executive Board of CSRI

Deepak Kapur  
Rice University $192,000  
High Performance Networks and Data Visualization

Deepak Kapur  
Sandia National Laboratories $15,042  
Membership on Executive Board of CSRI

Terran Lane/Vincent Clark  
National Institute of Mental Health/NIH/DHHS $322,004  
Bayesian Analysis of Neural-Behavioral Interactions in Mental Illness

Eric Loker/Stephanie Forrest  
National Center for Research Resources/NIH/DHHS $286,356  
COBRE: Center for Evolutionary and Theoretical Immunology

George Luger  
ShipOK Inc. $21,072  
Key Management Software Design

George Luger  
Management Sciences $53,700  
Computer Architectures for Understanding

Arthur B. Maccabe  
Sandia National Laboratories $200,000  
Scalable Systems Software Research

Arthur B. Maccabe/Patrick Bridges  
Department of Energy $252,867  
A Framework for Adaptable Operating and Runtime Systems

Arthur B. Maccabe  
Los Alamos National Laboratory $14,400  
Operating Systems and Networking for Distributed Sensor Networks

Arthur B. Maccabe  
Los Alamos National Laboratory $68,400  
Operating Systems and Networking for Distributed Sensor Networks

Christopher Moore  
Army Research Office $200,000  
Quantum Algorithms for Algebraic Problems

Christopher Moore  
National Science Foundation $50,000  
Collaborative Research: The Quantum Complexity of Algebraic Problems

Bernard Moret/David Bader  
National Science Foundation $746,665  
Building the Tree of Life: A Natural Resource for Phyloinformatics and Computational Phylogenetics

Darko Stefanovic  
National Science Foundation $91,920  
CAREER: Deoxyribozyme-Deoxyribozyme Logic, A New Computational Substrate

Darko Stefanovic  
Columbia University $146,269  
Solution Phase Computation with Enzymatic Networks

Darko Stefanovic  
National Science Foundation $93,301  
CBC Phase 1: Center for Molecular Cybernetics

Darko Stefanovic  
National Science Foundation $180,000  
Dynamic Algorithmic Optimization

Dean's Office
Mohamed El-Genk  
Battelle $75,000  
Nuclear Research Academic Center of Excellence (SNR-ACE)

Charles Fleddermann/Philip J. Duryea  
National Science Foundation $563,507  
Graduate Teaching Fellows in K-12 Optics and Photonics Education

Diana Huffaker  
National Science Foundation $620,148  
IGERT Nanoscience and Microsystems

Electrical and Computer Engineering
Lester Bowers  
Air Force Research Laboratory $98,658  
IPA for Lester Bowers

Thomas Caudell  
Los Alamos National Laboratory $20,000  
Graphics Processing Unit Research for Simulation, Rendering, and Online Network Monitoring

Thomas Caudell  
Defense Threat Reduction Agency $197  
Subproject for Institution #18521
Christos Christodoulou
Virtual EM, Inc. $30,000
Development of Noval Knowledge-Based Space-Time Adaptive Processing (STAP) Techniques Using Support Vector Machines (SVMs)

Christos Christodoulou
Sandia National Laboratories $65,000
Analysis of Phototonic Band Gap Structures

Christos Christodoulou
Mission Research $169,339
New Technology for Space Applications

Christos Christodoulou
Los Alamos National Laboratory $61,553
Switchblade

David Dietz
Air Force Research Laboratory $73,189
Computer Network Functionality and Modeling and Model Validation

David Dietz
Air Force Research Laboratory $374,669
IPA

John Gaudet
Air Force Research Laboratory $64,600
IPA

Mark Gilmore
National Science Foundation $129,970
Complex Dynamics of Turbulence and Structure in Magnetized Plasmas

Mark Gilmore
Department of Energy $150,000
Experimental Investigation of Active Feedback Control of Turbulent Transport in a Magnetized Plasma

Mark Gilmore
Los Alamos National Laboratory $30,000
Spectroscopic Measurements of Ion Temperature, Impurity Content, and Plasma Rotation in the LANL Magnetized Target Fusion Experiment

Mark Gilmore
Sandia National Laboratories $40,000
Characterization of the Plasma Source in the SNL Magnetically Controlled Triggered Plasma Opening Switch

Charles Hawkins
Sandia National Laboratories $213,954
State of the Art Research on Large Ethernet Novell/Windows NT

Majeed Hayat/Sanjay Krishna
National Science Foundation $66,307
Impact Ionization Engineered and Nanoscale Quantum-Dot-Based Avalanche Photodiodes for Reliable Near-to Long-Wave Infrared Photon Counting

Diana Huffaker
National Science Foundation $1,135,217
IGERT Nanoscience and Microsystems

Marek Osinski/Michael Wilson/Janet M. Oliver/Jay T. Parkes/James Thomas
National Science Foundation $500,000
Integrating Nanotechnology with Cell Biology and Neuroscience

Marios Pattichis/Christos Christodoulou/L. Howard Pollard
Air Force Research Laboratory $1,199,637
Reconfigurable Parallel Computer Architectures for Space Applications

Balu Santhanam
OptiMetrics, Inc. $60,030
Instantaneous Feature Extraction for Characterization of Engine Vibrations

Edl Schamiloglu/Christos Christodoulou
Air Force Office of Scientific Research $500,000
Compact, Portable Pulse-Power

Edl Schamiloglu
Sandia National Laboratories $24,536
Technical Support, Pulsed Power-Driven Electron Beams

Edl Schamiloglu/Mark Gilmore
Air Force Office of Scientific Research $180,000
Measurements of Secondary Electron Yield from Materials with Application to Depressed Collectors
Edl Schamiloglu
Texas Tech University  $251,625
New and Innovative Ideas for Advanced Technology Opportunities

Edl Schamiloglu
U.S. Civilian Research and Development Foundation  $5,004
Research on Overlimiting Electron Beam Interaction with Plasma in Systems for High Power Microwave Generation

Edl Schamiloglu
Office of Naval Research  $1,200,000
Directed Energy Microwaves for the Remote Destruction of IED’s

Edl Schamiloglu
Air Force Office of Scientific Research  $42,784
Fundamental Electromagnetic Theory and Applications to Compact, High Power Microwave Source/Antenna Design

Walter Shedd
Air Force Research Laboratory  $130,133
AFRL-VSSE Space Electronics Technology Test Support

Scott Tyo
National Science Foundation  $56,090
CAREER: Polarimetry in Remote Sensing, Communications, and Biological Sciences

Scott Tyo
Air Force Office of Scientific Research  $111,523
Calibration and Compensation of Instrumental Errors in Imaging Polarimeters

Scott Tyo
Air Force Office of Scientific Research  $67,455
Modeling and Prototyping of Ultra Wideband Antennas for Bioelectromagnetic Effects Investigations

Nader Vadiee
NM Highlands University  $29,327
Minority Science and Engineering Improvement Program (MSEIP)

Harry Weaver
Sandia National Laboratories  $30,000
Microsystems Research and Development

See also: Center for High Technology Materials

Institute for Space Nuclear Power Studies
Mohamed El-Genk
Sandia National Laboratories  $20,001
Space Reactor Safety Analyses

Mohamed El-Genk
Sandia National Laboratories  $75,016
Space Reactor Analyses and Thermo-Chemical Generation of Hydrogen

Mohamed El-Genk
NM State University  $50,460
NM Space Grant Consortium NASA Training Grant: Higher Education Projects

Manufacturing Engineering and Industrial Relations
Ronald Lumia
National Science Foundation  $6,000
Micromanipulation of Flexible and Rigid Objects—REU Supplement

Ronald Lumia
National Science Foundation  $211,860
CRI: Microgripper Laboratory Development

John Wood/Harry Weaver
Albuquerque Technical and Vocational Institute  $111,000
Southwest Center for Microsystems Education

John Wood/Ronald Lumia/Gregory P. Starr
Department of Energy  $810,000
Simulation-Based System Realization (SBSR)

John Wood/Jingkuang Chen/Juan C. Heinrich/Christos Christodoulou/Harry Weaver
National Science Foundation  $620,000
Acquisition of Process Equipment for Bio-MEMS Research, Training and Commercialization

Mechanical Engineering
Juan Heinrich
University of Arizona  $49,775
Dendritic Growth in Weldments

Marc Ingber
Los Alamos National Laboratory  $15,000
Nano-Scale Physics and Near-Contact Hydrodynamics

Marc Ingber
Los Alamos National Laboratory  $90,000
Nano-Scale Physics and Near-Contact Hydrodynamics
Marc Ingber/ Peter Vorobieff  
Department of Energy  $125,000  
Localized Scale Coupling and New Educational Paradigms in Multiscale Mathematics and Science

Andrea Mammoli/Peter Vorobieff  
Sandia National Laboratories  $25,000  
Experimental and Modeling Studies of Superhydrophobics Surfaces

Andrea Mammoli  
NM Energy, Minerals and Natural Resources Department  $198,689  
UNM Solar Power Testbed

Paul Merritt  
Air Force Research Laboratory  $185,459  
IPA 298 for Dr. Paul Merritt

Jonathan Phillips  
Toyota Technical Center, USA, Inc.  $154,818  
Plasma Generated Catalysts for Catalytic Converters: Synthesis and Testing

Vakhtang Poutkaradze/Peter Vorobieff  
Department of Energy  $150,000  
Experimental and Numerical Investigation of Flows in Expanding Channels

Arsalan Razani  
Air Force Research Laboratory  $82,555  
Space Vehicles Directorate

Howard Schreyer  
Los Alamos National Laboratory  $49,714  
Numerical Investigation of Loss of Ellipticity with Decohesion

Yu-Lin Shen  
MesoFuel, Inc.  $2,700  
Characterization of Materials for Resistance to High-Temperature Hydrogen Attack

Yu-Lin Shen  
Arizona State University  $47,000  
Mechanical Behavior of Nanolayered Metal/Ceramic Composites Coatings

Herbert Tanner  
National Science Foundation  $199,137  
CAREER: Formal Cooperative Planning of Decentralized Robot Actions—Career Development Plan

Herbert Tanner  
Sandia National Laboratories  $40,000  
Task-Driven Multi-Formation Control for Coordinated UAV/UGV ISR Missions

C. Randall Truman  
Boeing Company  $20,000  
Technical Oversight for High Energy Laser Research

See also: Center for High Performance Computing

Multicultural Engineering Program
Carlon Ami  
Arizona State University  $17,000  
MEP Summer Bridge Program, 2006

Ursula Bowie  
South Carolina State University  $41,800  
UNM Summer Transportation Institute

Elsa Castillo  
DCES Educational Services  $4,000  
NASA URSP-Undergraduate Research Scholars Program

Steven Peralta  
NASA–Houston  $248,000  
NASA Training Project

Steven Peralta/Pauline J. Hunt-Histia  
Arizona State University  $38,892  
UNM SOE MEP Graduate Bridge—Graduate Preparation Institute (Bridge)

Steven Peralta/Pauline Hunt-Histia  
University of Arizona  $29,373  
UNM SOE MEP/ESS Graduate Bridge Project–Summer 2006

New Mexico Engineering Research Institute
Edward Barth  
Air Force Research Laboratory  $184,442  
IPA

Peter Jones  
Air Force Research Laboratory  $185,469  
IPA

COLLEGE OF FINE ARTS

Music
Patricia Repar  
McCune Charitable Foundation  $10,000  
Arts-In-Medicine
Tamarind Institute
Marjorie Devon
Trust for Mutual Understanding $45,000
Links in Lithography: Russia/New Mexico

SCHOOL OF LAW

Antoinette Lopez
Internal Revenue Service $65,000
Low Income Taxpayer Clinic (LITC)

Marilyn O’Leary
Sandia National Laboratories $500,000
National Energy-Water Technology Roadmap

Marilyn O’Leary
McCune Charitable Foundation $10,000
Multi-media Record of Western Water Policy

Suelyn Scarnecchia
Catholic University of America $143,230
Teaching Services of Professor Barbara Bergman

Suelyn Scarnecchia
Suffolk University Law School $107,625
Teaching Services of Professor Leo Romero

Suelyn Scarnecchia/Breda Bova
NM Public Education Department $17,962
ENLACE Family and Community Involvement

Suelyn Scarnecchia/Breda Bova
Kellogg (W.K.) Foundation $750,000
Phase III Initiative

Institute of Public Law

Paul Biderman
NM Tourism Department $15,000
Off Highway Motor Vehicle Rules Development and Other Related Work

Paul Biderman
Appleseed Foundation $30,000
Survey on No Child Left Behind

Judy Flynn-O’Brien
NM Public Regulation Commission $7,000
Utility Division Rules and Other Related Work

Judy Flynn-O’Brien
Humane Society of the United States $10,000
Wildlife Law News Quarterly

Judy Flynn-O’Brien
Defenders of Wildlife $9,000
Wildlife Law News Quarterly

Judy Flynn-O’Brien
National Highway Traffic Safety Administration $35,000
Traffic Safety Resource Library and Survey of Judicial Education Programs on Traffic Safety

Judy Flynn-O’Brien
NM Public Regulation Commission $34,000
Pipeline Rules Development and Other Related Work

Judy Flynn-O’Brien
NM Public Regulation Commission $15,000
Fire Marshall Rules and Other Related Work

Judy Flynn-O’Brien
NM Traffic Safety Bureau $17,000
TSB Federal Division Projects

Judy Flynn-O’Brien
NM Traffic Safety Bureau $298,880
TSB Federal Division Projects

Judy Flynn-O’Brien
NM Traffic Safety Bureau $775,000
TSB State Division Projects

Judy Flynn-O’Brien
NM Public Regulation Commission $20,000
Title Insurance Rules and Other Related Work

Judy Flynn-O’Brien
NM Taxation and Revenue Department $260,000
Motor Vehicle Code

Judy Flynn-O’Brien
NM Administrative Office of the New Mexico Courts $10,000
Water Law Training Seminar

Judy Flynn-O’Brien
NM Supreme Court $58,800
Supreme Court Rules

Paul Nathanson
NM Crime Victims Reparation Commission $35,400
S.T.O.P. Violence Against Women Act

Paul Nathanson
NM Public Regulation Commission $8,000
Assist the Commission in the Development of Utility Division and Other Rules

33
Paul Nathanson  
NM Public Regulation Commission $8,500  
Development of Corporations Bureau Rules and Other Related Work

Paul Nathanson  
NM Traffic Safety Bureau $120,000  
TSB State Division Projects

Paul Nathanson  
NM Children, Youth and Family Department $10,000  
District Attorneys and Public Defenders Training for Juvenile Justice Clients

Paul Nathanson  
NM Administrative Office of the New Mexico Courts $87,200  
Magistrate Mediation Training

Utton Center  
Marilyn O’Leary  
NM Third Judicial District Court $30,000  
Ombudsman Project DVD/Video Production

SCHOOL OF MEDICINE  
Anesthesiology  
John H.A. Wills  
Organon, Inc. $137,250  
Clinical Trial

Biochemistry and Molecular Biology  
Jeffrey K. Griffith  
New Mexico State University $677,389  
NM–INBRE

Jeffrey K. Griffith  
US Department of the Army $99,981  
Evaluation of Genomic Instability in the Abnormal Prostate

Chien-an Andy Hu  
NIH–National Cancer Institute $227,942  
Novel Proapoptotic BH3-only Proteins in Cancer Apoptosis

Tudor I. Oprea  
Givaudan Flavors Corporation $167,952  
Compound Selection for Givaudan

Tudor I. Oprea  
Givaudan Flavors Corporation $199,949  
Compound Selection for Givaudan–Phase II

Tudor I. Oprea  
Harvard University $86,538  
Production of a Set of “High Quality” Descriptors for Each Molecule in ChemBank

Laurel O. Sillerud  
NIH–National Research Service Award $28,400  
Cytochrome P450C24 Regulation in Prostate Cancer

Laurel O. Sillerud  
Sandia National Laboratories $15,000  
Modified Nanoparticle Analysis

Cell Biology and Physiology  
David G. Bear  
National Science Foundation $200,000  
SGER: Imaging Coupled Processes in Gene Expression

Oscar A. Bizzozero  
National Institutes of Health $222,000  
Mechanisms of NO-Mediated Protein S-Nitrosylation in EAE

Oscar A. Bizzozero  
National Institutes of Health $48,980  
Mechanisms of NO-Mediated Protein S-Nitrosylation in EAE

Rebecca Hartley  
National Institutes of Health $300,375  
Novel Ways of Regulating Cyclin E in Cancer

Rebecca Hartley  
National Institutes of Health $293,316  
Novel Ways of Regulating Cyclin E in Cancer

Eric Prossnitz  
National Institutes of Health $266,250  
A Novel Intracellular 7TM Estrogen Receptor in Breast

Eric Prossnitz  
NIH–National Institute of General Medical Science $276,838  
Arrestin Activation Probed with Mass Spectrometry

Tom Resta  
American Heart Association $137,700  
Contribution of RhoA/Rho Kinase to Elevated Basal Pulmonary Arterial Tone Following Chronic Hypoxia

Tom Resta  
NIH–National Heart Lung And Blood Institute $329,568  
NO-Mediated Pulmonary Vasodilation After Chronic Hypoxia

Benjamin R. Walker  
National Institutes of Health $337,500  
Pulmonary Endothelial Function During Chronic Hypoxia
Benjamin R. Walker  
NIH-National Heart Lung And Blood Institute  $297,218
Minority Institutional Research Training Program T-32

Benjamin R. Walker  
American Heart Association  $48,000
Mechanism of Altered Endothelial Calcium Homeostasis Following Chronic Hypoxia-Induced Pulmonary Hypertension

**Center for Developmental Disabilities**

Judith E. Liddell  
New Mexico Department of Labor  $22,000
Project Central

Judith E. Liddell  
DHHS-Administration on Developmental Disability  $249,999
Project Pueblo Connections

Judith E. Liddell  
New Mexico Developmental Disabilities Planning  $62,000
Information Center for New Mexicans with Disabilities

Catherine McClain  
American Association on Health & Disability  $51,850
Evaluating a Federal Health Promotion Program for Youth and Disabilities

Catherine McClain  
Bureau of Indian Affairs  $720,000
Improving Communities of Practice

Catherine McClain  
Bureau of Indian Affairs  $131,500
Institute for Instructional Leadership

Catherine McClain  
Bureau of Indian Affairs  $108,114
Native American Early Learning II

Catherine McClain  
DHHS-Administration on Developmental Disability  $500,000
University Center for Excellence in DD Education

Catherine McClain  
HRSA-Health Resources and Services Administration  $252,666
Rural Health Telemedicine Grant Program

Catherine McClain  
New Mexico Department of Health  $12,450
Children’s Medical Services

Catherine McClain  
New Mexico Department of Health  $18,751
Deaf-Blind Match—DOH

Catherine McClain  
New Mexico Department of Health  $201,137
Family and Community Education in ASD (FACE)

Catherine McClain  
New Mexico Department of Health  $934,591
Health Promotion and Disease Prevention for People with Disabilities

Catherine McClain  
New Mexico Department of Health  $696,354
Increasing Retention Rates of New Mexico Direct Support Professionals

Catherine McClain  
New Mexico Department of Health  $97,207
LTSD Statewide Training Database

Catherine McClain  
New Mexico Department of Health  $1,420,777
Medically Fragile Case Management Program

Catherine McClain  
New Mexico Department of Health  $69,344
New Mexico SAFE Program

Catherine McClain  
New Mexico Department of Health  $103,500
Project SET DOH LTSD

Catherine McClain  
New Mexico Department of Health  $268,952
Self Directed Family Support Program

Catherine McClain  
New Mexico Department of Health  $314,696
The Early Childhood Network

Catherine McClain  
New Mexico Developmental Disabilities Planning  $315,984
Early Childhood Network

Catherine McClain  
New Mexico Developmental Disabilities Planning  $76,000
MFP Family Support Project

Catherine McClain  
New Mexico Developmental Disabilities Planning  $97,207
Statewide Training Database Project—DDSD

Catherine McClain  
New Mexico Public Education Department  $50,000
Preschool Network—Aim High

Catherine McClain  
New Mexico Public Education Department  $326,787
Preschool Network for 2006-06
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catherine McClain</td>
<td>NM Commission for Deaf &amp; Hard of Hearing Persons</td>
<td>$24,999</td>
<td>Supporting Deaf and Hard of Hearing Persons at the SW Disability Conference</td>
</tr>
<tr>
<td>Patricia L. Osbourn</td>
<td>New Mexico Public Education Department</td>
<td>$32,500</td>
<td>Deaf-Blind PED</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$51,510</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$70,853</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$22,000</td>
<td>Evaluation of NM Comprehensive Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$78,500</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$20,000</td>
<td>OPAN</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$29,552</td>
<td>OPAN</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Governor's Commission on Disability</td>
<td>$59,387</td>
<td>Health and Wellness for People with Disabilities</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Utah State University</td>
<td>$115,621</td>
<td>Indian Children's Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Utah State University</td>
<td>$163,805</td>
<td>Indian Children's Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>DHHS-Administration on Developmental Disability</td>
<td>$500,000</td>
<td>University Center for Excellence in DD Education</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>HRSA-Maternal and Child Health Bureau</td>
<td>$465,000</td>
<td>New Mexico LEND Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$6,249</td>
<td>Deaf-Blind Match</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$912,000</td>
<td>Early Childhood Evaluation Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$104,898</td>
<td>Early Childhood Network</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$67,047</td>
<td>Family and Community Education in ASD</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$23,115</td>
<td>New Mexico SAFE Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$34,500</td>
<td>Project Set</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Department of Health</td>
<td>$40,749</td>
<td>Self Directed Family Support Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Public Education Department</td>
<td>$150,000</td>
<td>Early Childhood Evaluation Program, Part B</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>New Mexico Public Education Department</td>
<td>$207,750</td>
<td>Early Childhood Evaluation Program, Part C</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Utah State University</td>
<td>$59,283</td>
<td>Indian Children's Program</td>
</tr>
<tr>
<td>Catherine McClain</td>
<td>Utah State University</td>
<td>$138,000</td>
<td>Project SET PED</td>
</tr>
<tr>
<td>Patricia L. Osbourn</td>
<td>Tularosa Municipal Schools</td>
<td>$52,362</td>
<td>Tularosa Municipal Schools</td>
</tr>
<tr>
<td>Patricia L. Osbourn</td>
<td>US Department of Education</td>
<td>$100,912</td>
<td>Project for New Mexico Children and Youth Who Are Deaf/Blind</td>
</tr>
</tbody>
</table>

**Center for Health Promotion and Disease Prevention**

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$51,510</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$70,853</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$22,000</td>
<td>Evaluation of NM Comprehensive Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$78,500</td>
<td>Evaluation of NM Cancer Plan</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$20,000</td>
<td>OPAN</td>
</tr>
<tr>
<td>Leslie Cunningham-Sabo</td>
<td>New Mexico Department of Health</td>
<td>$29,552</td>
<td>OPAN</td>
</tr>
</tbody>
</table>
Leslie Cunningham-Sabo  
New Mexico Department of Health  $15,000  
OPAN/PHD

Leslie Cunningham-Sabo  
New Mexico State University  $51,286  
Health Body Awareness

Leslie Cunningham-Sabo  
USDA  $1,096,890  
Cooking With Kids

Sally M. Davis  
DHHS-Indian Health Service  $65,780  
ACL Teen Center

Sally M. Davis  
New Mexico Department of Health  $101,000  
Exemplary Practiced in School-Based Behavioral Health Service Delivery

Sally M. Davis  
New Mexico Department of Health  $9,999  
Funding Primary Clinicians

Sally M. Davis  
New Mexico Department of Health  $25,906  
Funding Primary Clinicians

Sally M. Davis  
New Mexico Department of Health  $31,797  
Funding Primary Clinicians

Sally M. Davis  
New Mexico Department of Health  $59,000  
Funding Primary Clinicians

Sally M. Davis  
New Mexico Department of Health  $25,906  
Funding Primary Clinicians

Sally M. Davis  
Teen Center Prevention Services 12-17

Sally M. Davis  
New Mexico Department of Health  $103,313  
Teen Center Prevention Services for 12-17

Sally M. Davis  
New Mexico Department of Health  $73,315  
Teen Center Prevention Services for Pre K-6

Sally M. Davis  
Department of Health and Human Services  $743,189  
Child Health Initiative for Lifelong Eating and Exercise (CHILE)

Sally M. Davis  
DHHS-Centers for Disease Control and Prevention  $720,000  
Health Promotion and Disease Prevention Research Centers

Sally M. Davis  
New Mexico Department of Health  $24,435  
Teen Center Prevention Services for PreK-6 Youth

Jessica Goodkind  
New Mexico Human Services Department  $60,000  
TRAUMA

Linda J. Penaloza  
New Mexico Department of Health  $182,851  
Health Evaluation Research Team (HEART)

Linda J. Penaloza  
New Mexico Department of Health  $72,149  
Health Evaluation Research Team (HEART)

Linda J. Penaloza  
New Mexico Department of Health  $206,806  
Health Evaluation Research Team (HEART)—Tobacco Use Prevention and Control

Linda J. Penaloza  
New Mexico Department of Health  $54,167  
YRRS (Youth Risk & Resiliency Survey)

Linda J. Penaloza  
New Mexico Public Education Department  $96,287  
PED Evaluation Studies

Linda J. Penaloza  
New Mexico Public Education Department  $30,000  
PED Evaluation Studies

Gilbert Quintero  
NIH—National Institute on Drug Abuse  $146,475  
The Social Context of Collegiate Prescription Drug Abuse (SCCPDA)

Center for Infectious Disease
Ravi Durvasula  
University of California  $36,427  
USDA/CSREES Biotechnology Risk Assessment

Brian Hjelle  
NIH-National Institute of Allergy & Infectious Disease  $188,780  
Biology of Infectious Diseases and Inflammation

Clifford R. Lyons  
Arizona State University  $430,673  
Discovery of New Anti-Bacteremia Vaccines for Anthrax
Clifford R. Lyons
Arizona State University  $72,863
Discovery of Subunit Vaccines for Smallpox

Clifford R. Lyons
Arizona State University  $37,524
Region VI Center for Biodefense and Emerging Infections

Clifford R. Lyons
Cerus Corporation  $323,006
Prosalen Killed Metabolic Active Anthrax Virus

Clifford R. Lyons
LigoCyte Pharmaceuticals  $75,078
Preclinical Development of a Non-Invasive Anthrax Vaccine

Clifford R. Lyons
Lovelace Biomedical & Environmental Research  $865,505
Feasibility of Toxin Neutralizing Agents, Vaccines, and Antibiotics in Small Animal Models

Clifford R. Lyons
NIH—National Institute of Allergy & Infectious Disease
Pulmonary Responses to Bioweapon Category A Pathogens

Clifford R. Lyons
University of Nevada at Reno  $146,355
B. Anthracis: Passive Immunization with Anticapsular Mab

Clifford R. Lyons
University of Texas Medical Branch at Galvest  $443,924
Region VI Center for Biodefense and Emerging Infections: Small Animal Core

Clifford R. Lyons
Vital Probes  $14,271
Testing Therapeutic in Murine Pulmonary Model of Bacillus Anthracis

Clifford R. Lyons
Coley Pharmaceutical Group  $193,779
Discovery and Development of Novel TLR 7 and TLR 9 Ligands for Bioterror Defense

Clifford R. Lyons
DARPA  $517,656
Complex Biosignatures of Infections

Clifford R. Lyons
NIH—National Institute of Allergy & Infectious Disease  $12,503,859
Tularemia Vaccine Development Team

Clifford R. Lyons
University of Texas HSC Houston  $124,635
Anthrax Virulence Factors

Clinical Affairs
Kimberly Kresovich
Harvard Pilgrim Healthcare  $10,000
Achieving Competence Today III

Continuing Medical Education
Ellen M. Cosgrove
New Mexico Department of Health  $6,000
Fourth Annual Obesity Symposium

Ellen M. Cosgrove
New Mexico Department of Health  $22,844
Pandemic Influenza Symposium

Dermatology
Gary L. Bommelaere
Astellas Pharma US  $57,835
Clinical Trial

R. Steven Padilla
HRSA-Border Health Program  $632,987
Hispanic Center of Excellence

R. Steven Padilla
University of Texas HSC San Antonio  $31,555
US-Mexico Border Centers of Excellence Consortium

Phillip R. Strange
Astellas Pharma US  $102,125
Clinical Trial

Emergency Medicine
Melissa Alexander
Eastern New Mexico Emergency Medical Services  $10,000
ENM EMS Corporation Region III

Paul R. Cheney
City of Albuquerque  $71,000
Medical Director for Fire Department EMS

Cameron S. Crandall
University of California at San Francisco  $16,080
IMPAACT Trial

Cameron S. Crandall
New Mexico Department of Health  $20,000
Assessment of UNM ED PT Database and Trauma Registry to Capture Falls Among Adults

Kirk Cumpston
Denver Health and Hospital Authority  $3,640
Retrospective Evaluation of Venom Effect Recurrences Following Antivenom
David Doezema
Boston University  $2,000
ED NSD Alcohol Education Program

Lynne Fullerton
American Foundation for Suicide Prevention  $35,000
Clinical Indicators of Suicide Risk: Following Patients after Hospital Discharge

Michael Richards
DHHS-Office of the Surgeon General  $50,000
Medical Reserve Corp Demonstration Grant Program

Michael Richards
HRSA-Health Resources and Services Administration  $1,491,550
Bioterrorism Training for NM Health Professionals (CREST)

Michael Richards
New Mexico Department of Health  $12,150
EMS Medical Director

Robert E. Sapien
HRSA–Maternal and Child Health Bureau  $200,000
EMSCT Targeted Issue Continuation

Robert E. Sapien
HRSA–Maternal and Child Health Bureau  $115,000
New Mexico EMSC State Partnership Continuation

Robert E. Sapien
Merck & Company Inc.  $42,336
Clinical Trial

David P. Sklar
New Mexico Public Safety Department  $24,031
New Mexico Task Force Hurricane Katrina Deployment

David P. Sklar
New Mexico Public Safety Department  $11,644
New Mexico Task Force Hurricane Rita Deployment

David P. Sklar
Village of Los Ranchos  $3,000
Emergency Medical Services

David P. Sklar
Village of Tijeras  $1,000
EMS Medical Direction

David P. Sklar
Albuquerque Job Corps Center  $83,841
Emergency Medical Services

David P. Sklar
New Mexico Crime Victims Reparation Commission  $30,000
Retrospective Study of OMI Domestic Violence/Sexual Assault Deaths 2003-2004

David P. Sklar
New Mexico Department of Transportation  $149,090
Pedestrian Safety

David P. Sklar
State of New Mexico  $11,196
Professional Services Agreement Amendment

David P. Sklar
City of Rio Rancho  $18,585
Emergency Medical Services

**Family and Community Medicine**

William Athas
New Mexico Department of Health  $75,000
Environmental Health Data Linkage

Daniel J. Derksen
DHHS-Indian Health Service  $420,840
Family Practice Urgent Care Coverage

Daniel J. Derksen
American Legacy Foundation  $216,199
Tobacco Use Cessation and Prevention

Daniel J. Derksen
HRSA-Health Resources and Services Administration  $165,174
Area Health Education Center (AHEC)

Daniel J. Derksen
HRSA-Health Resources and Services Administration  $100,000
Border Health Education and Training Center (BHETC)

Gayle Dinechacon
Bernalillo County  $38,497
BCJDC PSA-05-36

Gayle Dinechacon
DHHS-Indian Health Service  $10,000
Service and Planning on INIKKD

Bonnie M. Duran
Na’nízhoozhi Center, Inc.  $53,000
4CC Integrating Substance Abuse and Mental Health into HIV Routine Care (NCI)
Bonnie M. Duran
NIH—National Institute of Mental Health  $138,461
Pathways to Mental Health Services Among Native Women

Bonnie M. Duran
Navajo Nation  $153,737
Navajo Nation STD Screening Project (NNSSP)

Deborah Helitzer
DHHS-Centers for Disease Control and Prevention  $375,559
Computerized Risk Assessment in an Employee Population

Deborah Helitzer
New Mexico Department of Health  $20,813
Evaluation of Abstinence Programs

Deborah Helitzer
New Mexico Medical Society  $4,600
Colorectal Cancer Screening Provider Survey

Deborah Helitzer
NIH-National Institute of Child Health & Human Services  $62,591
Testing a Video to Improve Provider-Patient Interaction

Deborah Helitzer
University of Texas at Tyler  $99,225
Navajo Nation Evaluation

Deborah Helitzer
New Mexico Department of Health  $60,194
Abstinence Education Evaluation

Deborah Helitzer
New Mexico Department of Health  $79,500
Evaluation of Abstinence Programs

Deborah Helitzer
Sandoval County  $30,000
Sandoval County Evaluation

Nikki Katalanos
National Institutes of Health  $151,661
Physician Assistant Training in Primary Care

Arthur Kaufman
American Association of Medical Colleges (AAMC)  $50,000
Regional Public Health-Medicine Educational Center

Arthur Kaufman
Molina Healthcare of New Mexico  $76,800
Molina/Community Access Program

Arthur Kaufman
Coordinated Systems of Care Community Access Program  $130,985
24-Hour Statewide Health Advice Line

Arthur Kaufman
Albuquerque Technical and Vocational Institution  $26,626
Central NM Community College (TVI) Student Health Center

Arthur Kaufman
Albuquerque Technical and Vocational Institution  $25,359
TVI Student Health Services PSA

Arthur Kaufman
HRSA-Health Resources and Services Administration  $268,673
Academic Administrative Units in Primary Care

John A. Leggott
Albuquerque Public Schools  $69,000
APS School-Based Health Center

John A. Leggott
New Mexico Department of Health  $34,874
Albuquerque School-Based Health Centers

John A. Leggott
New Mexico Department of Health  $75,005
Albuquerque School-Based Health Centers

John A. Leggott
New Mexico Department of Health  $60,000
RFK Charter School

John A. Leggott
New Mexico Department of Health  $85,000
Roosevelt Middle School

John A. Leggott
New Mexico Department of Health  $79,500
Roosevelt Middle School School-Based Health Center Project

John A. Leggott
New Mexico Department of Health  $43,369
Albuquerque School-Based Health Centers Projects

John A. Leggott
New Mexico Department of Health  $9,092
Office of School Health

John A. Leggott
New Mexico Department of Health  $50,880
RFK Charter School School-Based Health Center Project

Toby B. Palley
HRSA-Health Resources and Services Administration  $205,988
Predoctoral Training in Primary Care

Andrew Rowland
NIH—National Institute of Mental Health  $535,289
The Natural History of ADHD in a Population-Based Sample
Kerrie R. Seeger  
New Mexico Department of Health  $156,255  
PASRR

Kerrie R. Seeger  
New Mexico Department of Health  $453,740  
Transdisciplinary Evaluation and Support Clinic (TEASC)

Kerrie R. Seeger  
New Mexico Developmental Disabilities Planning  $10,000  
DDMI Multidisciplinary Clinic Replication

Kerrie R. Seeger  
New Mexico Department of Health  $156,255  
Level II Pre-Administration Screening and Resident Review

Kerrie R. Seeger  
New Mexico Department of Health  $453,740  
Transdisciplinary Evaluation and Support Clinic (TEASC)

Kristine Tollestrup  
Association of Teachers of Prevention  $199,927  
Public Health Impacts of Onsite Wastewater Disposal Systems

Kristine Tollestrup  
Hidalgo Medical Services  $52,500  
Evaluation of Growing Up Together Strong

Kristine Tollestrup  
Hidalgo Medical Services  $132,000  
La Vida Program Evaluation

Michael H. Trujillo  
DHHS-Indian Health Service  $60,000  
Indian Health Care

Nina B. Wallerstein  
Albuquerque Area Indian Health Board Inc.  $14,778  
Social Protective Factors in Tribes

Nina B. Wallerstein  
Albuquerque Area Indian Health Board Inc.  $32,000  
Partners in Tribal Community Capacity Building

Nina B. Wallerstein  
Choctaw Nation of Oklahoma  $20,000  
Healthy Native Community Fellowship

Teddy D. Warner  
Medical College of Wisconsin  $100,724  
Developing Ethical Practices for Genetics Testing in the Workplace

William H. Wiese  
New Mexico Department of Health  $105,369  
New Mexico Emerging Infections Program

Robert Williams  
Albuquerque Area Indian Health Board Inc.  $557,821  
New Mexico Native American Research Center for Health (NARCH)

Robert Williams  
National Center for Complementary & Alternation  $112,500  
Toward a Clinical Trial of Care Integration in New Mexico

**Institute for Public Health**

John Booker  
University of Arizona  $7,819  
Four Corners Public Health Training Center

Sarah L. Lathrop  
New Mexico Department of Health  $447,179  
New Mexico Emerging Infections Program

Sarah L. Lathrop  
New Mexico Department of Health  $21,169  
New Mexico Emerging Infections Programs

Paul B. Roth  
National Institutes of Health  $937,500  
Endowment for Studies of Health Disparities

Nina B. Wallerstein  
DHHS-Indian Health Service  $86,364  
Shiprock Masters in Public Health Outreach Program

Nina B. Wallerstein  
DHHS-Indian Health Service  $43,798  
Shiprock Masters in Public Health Program

Nina B. Wallerstein  
DHHS-Indian Health Service  $74,660  
Shiprock Masters in Public Health Outreach Program

Nina B. Wallerstein  
NIH—National Institute on Alcohol Abuse and Alcoholism  $375,000  
Southwest Alcohol Research Group

Margot White  
New Mexico Department of Health  $30,000  
Pandemic Influenza Local Preparedness Planning

William H. Wiese  
New Mexico Department of Health  $189,157  
New Mexico Emerging Infections Program

**Internal Medicine**

Sarah E. Allen  
University of Utah  $7,500  
Improving Performance Detection and Management of CFRD
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sanjeev Arora</td>
<td>DHHS-Agency for Healthcare Research &amp; Quality</td>
<td>$481,506</td>
<td>Project ECHO Extension for Community Healthcare Outcomes</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Exagen Corp.</td>
<td>$7,386</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Intermune</td>
<td>$27,579</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>New Mexico Department of Health</td>
<td>$1,530,000</td>
<td>Hepatitis C Project</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Roche Laboratories</td>
<td>$25,000</td>
<td>ECHO Project CME</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Roche Pharmaceuticals, Inc.</td>
<td>$20,000</td>
<td>Hepatitis C Treatment in Department of Corrections Environment</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Idenix Pharmaceuticals</td>
<td>$111,119</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Duke University</td>
<td>$161,547</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Sanjeev Arora</td>
<td>Exagen Corp.</td>
<td>$587,208</td>
<td>Research Agreement</td>
</tr>
<tr>
<td>Arthur D. Bankhurst</td>
<td>Wyeth Pharmaceuticals</td>
<td>$62,390</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Arthur D. Bankhurst</td>
<td>Amgen</td>
<td>$10,000</td>
<td>5th Annual NM Rheumatic Disease Meeting</td>
</tr>
<tr>
<td>Arthur D. Bankhurst</td>
<td>Amgen</td>
<td>$5,000</td>
<td>Fourth Annual NM Rheumatic Disease Meeting</td>
</tr>
<tr>
<td>Arthur D. Bankhurst</td>
<td>Tap Pharmaceutical Products</td>
<td>$12,810</td>
<td>5th Annual New Mexico Rheumatic Disease Society Meeting</td>
</tr>
<tr>
<td>Arthur D. Bankhurst</td>
<td>Hoffman La-Roche</td>
<td>$1,070,406</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Edgar Boedeker</td>
<td>State University of New York at Buffalo</td>
<td>$49,947</td>
<td>Effect of Zinc in Enteropathogenic E. coli Infection</td>
</tr>
<tr>
<td>Edgar Boedeker</td>
<td>University of Texas Southwestern</td>
<td>$50,000</td>
<td>Quorum Sensing Regulation of EHEC Virulence Genes</td>
</tr>
<tr>
<td>Edgar Boedeker</td>
<td>Veterans Administration Medical Center</td>
<td>$176,529</td>
<td>IPA for Chengru Zhu</td>
</tr>
<tr>
<td>Scott W. Burchiel</td>
<td>NIH—National Institute of Environmental Health</td>
<td>$1,223,054</td>
<td>New Mexico NIEHS Center</td>
</tr>
<tr>
<td>Mark R. Burge</td>
<td>National Institutes of Health</td>
<td>$275,373</td>
<td>The Effect of Ethanol on Overnight Glucose Regulation in Type 2 Diabetes Mellitus</td>
</tr>
<tr>
<td>Richard E. Crowell</td>
<td>Lovelace Respiratory Research Institute</td>
<td>$229,066</td>
<td>Risk Factors for Epigenetic Silencing of Lung Cancer Genes</td>
</tr>
<tr>
<td>Walter B. Forman</td>
<td>Heritage Home Health Care</td>
<td>$30,000</td>
<td>Medical Director Services</td>
</tr>
<tr>
<td>Walter B. Forman</td>
<td>Laguna Pueblo School</td>
<td>$16,341</td>
<td>Medical Director Services</td>
</tr>
<tr>
<td>David Garcia</td>
<td>Bristol-Myers Squibb</td>
<td>$52,824</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Philip J. Garry</td>
<td>Centre Hospitalier Universitaire de Toulouse</td>
<td>$9,638</td>
<td>Data Analysis in the NM Aging Process Study</td>
</tr>
<tr>
<td>Melissa Gonzales</td>
<td>NIH—National Institute of Environmental Health</td>
<td>$104,494</td>
<td>Gene-Environment Cancer Risks in Melanoma</td>
</tr>
<tr>
<td>Carla J. Herman</td>
<td>DHHS-Indian Health Service</td>
<td>$12,048</td>
<td>Summer Diabetes Institute</td>
</tr>
<tr>
<td>Carla J. Herman</td>
<td>Donald W. Reynolds Foundation</td>
<td>$499,989</td>
<td>New Mexico Geriatric Training Grant—Year 3</td>
</tr>
</tbody>
</table>
Carla J. Herman  
NIH—National Institute of Diabetes and Digestive and Kidney Diseases  $335,488  
Family Centered Diabetes Project

Patricia L. Kapsner  
PPD Development  $151,891  
Clinical Trial

Denece Kesler  
New Mexico Public Safety Department  $41,494  
Medical Services for NMPDS Employees

Diane J. Klepper  
Albuquerque Technical and Vocational Institution  $35,020  
Respiratory Therapy Education Program

Warren Laskey  
GE Healthcare  $64,000  
Clinical Trial

Warren Laskey  
University of Pittsburgh  $40,000  
Dynamic Evolution of Percutaneous Coronary Intervention

Thomas Ma  
NIH—National Institute of Diabetes and Digestive and Kidney Diseases  $295,350  
TNF—A Modification of Intestinal Epithelial Permeability

Thomas Ma  
AstraZeneca LP  $4,000  
Gastroenterology and Hepatology Grand Rounds

Thomas Ma  
Centocor, Inc.  $9,000  
Gastroenterology and Hepatology Grand Rounds

Thomas Ma  
Centocor, Inc.  $6,000  
Gastroenterology Fellows to Attend DDW

Thomas Ma  
NIH—National Institute of Diabetes and Digestive and Kidney Diseases  $288,409  
TNF—A Modulation of Intestinal Epithelial Permeability

Thomas Ma  
Ortho-McNeil Pharmaceutical, Inc.  $16,000  
Latest Advances in the Treatment of GI Disease

Thomas Ma  
Tap Pharmaceutical Products  $2,000  
Gastroenterology Grand Rounds

Thomas Ma  
UCB Pharma, Inc.  $12,000  
Gastroenterology Grand Rounds

Gregory J. Mertz  
NIH—National Institute of Allergy and Infectious Disease  
Heat Stroke and Hyperthermia: Applied Molecular Mechanisms

Pope L. Moseley  
NIH—National Institute of Arthritis and Musculoskeletal and Skin Diseases  $291,937  
Heat Stroke and Hyperthermia: Applied Molecular Mechanisms

Karen B. Mulloy  
DHHS-Centers for Disease Control and Prevention  $125,480  
VA Contract for Interventionalist Cardiologist

Karen B. Mulloy  
Association for Occupational and Env. Health Clinics  $114,701  
American Red Cross Liberty Disaster Relief Fund—WTC

Karen B. Mulloy  
Honeywell Corporation  $10,550  
Medical Consultations

Karen B. Mulloy  
HRSA-Bureau of Primary Health Care  $224,745  
Radiation Exposure Screening and Education

Karen B. Mulloy  
Johns Hopkins University  $15,624  
Development of Medical Screening Program for Former Sandia and LANL Workers
Karen B. Mulloy  
Laguna Pueblo School  $20,000  
Consulting Services for Laguna Pueblo

Karen B. Mulloy  
Miners Colfax Medical Center  $121,968  
Medical Consultation and Care

Karen B. Mulloy  
State of New Mexico  $3,910  
NM Livestock Board Exams

Karen B. Mulloy  
University of Texas at Tyler  $5,000  
Pediatric Environmental Health for Healthcare Providers

Karen B. Mulloy  
Zenith Administrators  $3,515  
Building Trades National Medical Screening Program

Robert J. Munk  
Schering Corporation  $2,500  
AIDS InfoNet

Robert J. Munk  
Abbott Laboratories  $15,000  
AIDS InfoNet—Abbott

Robert J. Munk  
NIH—National Library of Medicine  $49,726  
AIDS Infonet—NLM

Robert J. Munk  
Schering Corporation  $5,000  
AIDS InfoNet

Robert J. Munk  
Tibotec Pharmaceuticals Ltd.  $10,000  
AIDS InfoNet

Orrin B. Myers  
Valles Caldera Trust  $14,427  
Environmental Statistics Support

Arti Prasad  
Bravewell Collaborative  $10,000  
New Medicine in New Mexico

Arti Prasad  
Anonymous Non Profit Foundation  $5,000  
Operative Expenses for the Section of Integrative Medicine (SIM)

Dominic Raj  
ICON Clinical Research  $116,175  
Clinical Trial Agreement

Karen Servilla  
Amgen  $4,600  
Educational Travel Grant

Karen Servilla  
Amgen  $3,000  
Murray Katz, MD Grand Rounds

Wilmer L. Sibbitt Jr.  
Amgen  $12,500  
4th Annual New Mexico Rheumatic Disease Meeting

Christine Ail Stidley  
Lovelace Respiratory Research Institute  $70,000  
LRRI Lung Cancer Program, Biostatistical Collaboration

Christine Ail Stidley  
New Mexico Department of Health  $39,378  
Environmental Health Effect Tracking Project
Christine Ail Stidley
New Mexico Department of Health  $50,480
New Mexico Environment and Health Effects Tracking
Project: Biostatistical and Epidemiologic Support

Robert A. Taylor
GlaxoSmithKline  $40,800
Clinical Trial

Corey Tancik
Cubist Pharmaceuticals  $1,395
Infectious Diseases Fellowship Program—The Chicago
Infectious Disease Review

Elaine Thomas
Abbott Laboratories  $3,000
2006 Health Management Alliance HIV/AIDS Medical
Treatment Update Conference

Elaine Thomas
Abbott Laboratories  $3,000
NM HMA 2005 HIV/AIDS Treatment Update Conference

Elaine Thomas
Boehringer Ingelheim Pharmaceuticals  $1,500
2006 Black HIV/AIDS Awareness Day Conference

Elaine Thomas
GlaxoSmithKline  $3,000
2006 HMA Medical Treatment Update Conference

Elaine Thomas
New Mexico Department of Health  $5,000
2006 Black HIV/AIDS Awareness Day Conference

Elaine Thomas
New Mexico Department of Health  $31,160
STD Faculty Expansion

Elaine Thomas
New Mexico Department of Health  $41,546
STD Faculty Expansion

Elaine Thomas
New Mexico Department of Health  $10,386
STD Faculty Expansion

Elaine Thomas
University of Colorado Health Sciences Center  $174,753
AIDS Education and Training Center

Elaine Thomas
University of Colorado Health Sciences Center  $60,000
NM Border AIDS Education and Training Center

Karla A. Thornton
New Mexico Department of Health  $2,165
Evaluating Delays in HIV Testing

Karla A. Thornton
New Mexico Department of Health  $4,000
Evaluating Delays in HIV Testing Project

S. Bruce Williams
HRSA-Health Resources and Services Administration
$337,189
Ryan White Title IV

S. Bruce Williams
Boeringer Ingelheim Fonds  $1,500
Women’s Wellness Fair

S. Bruce Williams
HRSA-Health Resources and Services Administration
$169,180
Title III Outpatient Early Intervention Services with Respect
to HIV Disease

S. Bruce Williams
HRSA-Health Resources and Services Administration
$512,213
Title III Outpatient Early Intervention Services with Respect
to HIV Disease

S. Bruce Williams
Incyte Corp.  $2,000
Clinical Trial Agreement Start Up Costs

S. Bruce Williams
New Mexico Department of Health  $160,430
Health Management Alliance

S. Bruce Williams
New Mexico Department of Health  $463,647
Health Management Alliance

Philip G. Zager
Dialysis Clinic Inc.  $44,248
Educational Grant—Research Fellow

Philip G. Zager
Dialysis Clinic Inc.  $140,000
Biostatistician Services to DCI

Philip G. Zager
Dialysis Clinic Inc.  $520,425
Medical Director and Quality Management

Philip G. Zager
Dialysis Clinic Inc.  $17,367
ZKP Statistician
Molecular Genetics and Microbiology

Bryce Chackerian
Alzheimer's Association  $99,195
Vaccines Against Amyloid-Beta Using Conjugated Virus-Like Particles

Vojo Deretic
NIH—National Institute of Allergy & Infectious Diseases  $370,440
Mechanism of M. tuberculosis Phagosome Maturation Arrest

Vojo Deretic
NIH—National Institute of Allergy & Infectious Diseases  $369,688
Pseudomonas in Cystic Fibrosis Regulation of Mucoldy

Jeremy Edwards
University of Delaware  $52,344
Multiscale Modeling of Receptor Dynamics

Jeremy Edwards
Louisiana State University  $327,282
Identifying the Proteins that Mediate the Ionizing Radiation Resistance of Deinococcus Radiodurans R1

Hattie Gresham
NIH—National Institute of Allergy & Infectious Diseases  $66,188
Innate Immunity and Bacterial Quorum Sensing

Hattie Gresham
NIH—National Institute of Allergy & Infectious Diseases  $300,000
Innate Immunity and Bacterial Quorum Sensing

Hattie Gresham
Veterans Administration Medical Center  $56,379
CD47 and Negative Regulation of Phagocyte Function

Scott Ness
NIH—National Cancer Institute  $260,443
Myb Prot. Specificity in Human Hematopoietic Cells

Jac A. Nickoloff
National Institutes of Health  $263,655
Mammalian Double-Strand Break and Recombinational Repair

Jac A. Nickoloff
NIH—National Cancer Institute  $347,879
DSB Repair Recombination and Genome Stability

Jac A. Nickoloff
National Institutes of Health  $40,508
Minority Double-Strand Break and Recombinational Repair

Jac A. Nickoloff
NIH—National Cancer Institute  $100,000
DSB Repair Recombination and Genome Stability

Jac A. Nickoloff
NIH—National Cancer Institute  $20,378
Mammalian Double-Strand Break and Recombinational Repair

Mary Ann Osley
NIH—National Cancer Institute  $266,250
Chromatin Regulation of Double-Strand Break Repair

David S. Peabody
National Institutes of Health  $36,068
Genetic Analysis of a Translational Repressor

David S. Peabody
National Institutes of Health  $256,332
Genetic Analysis of a Translational Repressor

Zhiyuan Shen
NIH—National Institute of Environmental Health  $256,332
Transcription Enhanced Recombination in Mammalian Cells

Cosette M. Wheeler
GlaxoSmithKline  $640,000
Clinical Trial

Neurology

John Chapin
Columbia University  $19,012
Clinical Trial

John Chapin
Muscular Dystrophy Association  $34,000
Adult MDA Clinics

John Chapin
Muscular Dystrophy Association  $34,000
Adult MDA Clinics
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larry E. Davis</td>
<td>Biomedical Research Institute of New Mexico</td>
<td>$29,000</td>
<td>Long-term Consequences of West Nile Virus Infection</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Scirex Corporation</td>
<td>$8,345</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Acorda Therapeutics Inc.</td>
<td>$51,000</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Genentech Inc.</td>
<td>$208,440</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Protein Design Labs, Inc.</td>
<td>$217,502</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Teva Neurosciences LLC</td>
<td>$3,576</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Teva Neurosciences LLC</td>
<td>$45,992</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Corey C. Ford</td>
<td>Teva Neurosciences LLC</td>
<td>$240,120</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Glenn D. Graham</td>
<td>University of Miami</td>
<td>$31,000</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Glenn D. Graham</td>
<td>Yale University</td>
<td>$51,583</td>
<td>Insulin Resistance Intervention After Stroke Trial (IRIS)</td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>Muscular Dystrophy Association</td>
<td>$12,000</td>
<td>Pediatric MDA Clinics</td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>Muscular Dystrophy Association</td>
<td>$12,000</td>
<td>Pediatric MDA Clinics</td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>New Mexico Department of Health</td>
<td>$44,000</td>
<td>Children’s Medical Services</td>
</tr>
<tr>
<td>Leslie Morrison</td>
<td>New Mexico Department of Health</td>
<td>$54,000</td>
<td>Children’s Medical Services</td>
</tr>
<tr>
<td>Shingo Murakami</td>
<td>NIH—National Institute of Neurological Disorders and Strokes</td>
<td>$30,000</td>
<td>Computational Analysis of Genesis of ERP and ERF</td>
</tr>
<tr>
<td>Shingo Murakami</td>
<td>NIH—National Institute of Neurological Disorders and Strokes</td>
<td>$6,620</td>
<td>Computational Analysis of Genesis of ERP and ERF</td>
</tr>
<tr>
<td>Yoshio Okada</td>
<td>National Institutes of Health</td>
<td>$284,528</td>
<td>Physiological Bases of Magnetoencephalography</td>
</tr>
<tr>
<td>Yoshio Okada</td>
<td>NIH—National Center for Research Resources</td>
<td>$2,175,103</td>
<td>Integrative Program in CNS Pathophysiology Research</td>
</tr>
<tr>
<td>Surojit Paul</td>
<td>NARSAD</td>
<td>$46,302</td>
<td>Disruption of Fear Conditioning by STEP, a Striatal Enriched Phosphotase</td>
</tr>
<tr>
<td>Gary A. Rosenberg</td>
<td>Boehringer Ingelheim Pharmaceuticals</td>
<td>$1,500</td>
<td>Advisory Board Agreement</td>
</tr>
<tr>
<td>Gary A. Rosenberg</td>
<td>GlaxoSmithKline</td>
<td>$30,000</td>
<td>GSK Consulting</td>
</tr>
<tr>
<td>Gary A. Rosenberg</td>
<td>Maxygen</td>
<td>$4,500</td>
<td>Extension of Consulting Agreement</td>
</tr>
<tr>
<td>Gary A. Rosenberg</td>
<td>NIH—National Institute of Neurological Disorders and Stroke</td>
<td>$313,898</td>
<td>Pathobiology of Vascular Cognitive Impairment</td>
</tr>
<tr>
<td>Jennifer Ann Vickers</td>
<td>University of California Los Angeles</td>
<td>$17,450</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Kevin K. Caldwell</td>
<td>Biomedical Research Institute of New Mexico</td>
<td>$34,453</td>
<td>Salary Support for Rodrigo Paz from VA BRINM</td>
</tr>
</tbody>
</table>

**Neurosciences**

- **Glenn D. Graham**
  - **University of Miami**: $31,000
  - Clinical Trial

- **Glenn D. Graham**
  - **Yale University**: $51,583
  - Insulin Resistance Intervention After Stroke Trial (IRIS)

- **Leslie Morrison**
  - **Muscular Dystrophy Association**: $12,000
    - Pediatric MDA Clinics
  
- **Gary A. Rosenberg**
  - **Boehringer Ingelheim Pharmaceuticals**: $1,500
    - Advisory Board Agreement
  
- **Gary A. Rosenberg**
  - **GlaxoSmithKline**: $30,000
    - GSK Consulting
  
- **Gary A. Rosenberg**
  - **Maxygen**: $4,500
    - Extension of Consulting Agreement
  
- **Gary A. Rosenberg**
  - **National Institutes of Health**: $313,091
    - Pathobiology of Vascular Cognitive Impairment

- **Jennifer Ann Vickers**
  - **University of California Los Angeles**: $17,450
    - Clinical Trial
Kevin K. Caldwell
NIH—National Institute of Mental Health  $166,991
Protein-Protein Interaction Domains: Targets for Neuropharmacologic Intervention

Lee Anna Cunningham
NIH—National Institute on Alcohol Abuse  $176,170
Adult Neurogenesis and Alcohol-Induced Learning Deficits

Lee Anna Cunningham
NIH—National Institute of Neurological Disorders and Stroke  $220,640
MMP Regulation of Neuronal Death

Lee Anna Cunningham
NIH—National Institute of Neurological Disorders and Stroke  $48,679
MMP Regulation of Neuronal Death

Lee Anna Cunningham
NIH—National Institute on Alcohol Abuse and Alcoholism  $208,592
Adult Neurogenesis and Alcohol-Induced Learning Deficits

Donald Partridge
NIH—National Institute of Mental Health  $311,523
Age-Dependent Presynaptic Action of Pregnenolone Sulfate

Nora Perrone-Bizzozero
NIH—National Institute on Alcohol Abuse and Alcoholism  $119,604
Alcohol Research Training in Neurosciences

Nora Perrone-Bizzozero
The MIND Institute  $118,900
A Model of Progressive Brain Imaging Abnormalities in Schizophrenia

Daniel Savage
NIH—National Institute on Alcohol Abuse and Alcoholism  $211,767
Protein Biomarkers of Drinking During Pregnancy

C. William Shuttleworth
NIH—National Institute of Neurological Disorders and Stroke  $263,077
Imaging Mitochondrial Function in Excitotoxicity

C. Fernando Valenzuela
NIH—National Institute on Alcohol Abuse and Alcoholism  $238,022
Alcohol and Cerebellar Circuits

C. Fernando Valenzuela
NIH—National Institute on Alcohol Abuse and Alcoholism  $256,332
Alcohol and Developing Neuronal Circuits

Michael C. Wilson
National Institutes of Health (NIH/NIMH)  $327,664
Regulation of Neurotransmission and Behavior

Xinyu Zhao
International Rett Syndrome Association  $50,000
Function of MeCP2 in Postnatal Neuronal Maturation

Neurosurgery
Howard Yonas
Washington University  $340,980
Clinical Trial Subaward—Phase III

Obstetrics and Gynecology
Laurence A. Cole
Church & Dwight Company  $216,303.75
Collection and Evaluation of Early Pregnancy Urine Samples

Luis B. Curet
American College of Obstetricians & Gynecologists  $37,717
Accreditation of Post Graduate Programs in Central America

Luis B. Curet
American College of Obstetricians & Gynecologists  $75,434
Accreditation of Post Graduate Program in Central America

Donghai Dai
American Cancer Society Inc.  $720,000
Novel Synergistic Therapy for the Poor Outcome Endometrial Cancer

Maxine H. Dorin
Wyeth Pharmaceuticals  $314,008
Clinical Trial Agreement—Phase III

Eve Espey
Anonymous Non-Profit Foundation  $451,521
Ryan Grant to Improve Resident Reproductive Health Training

Kimberly Leslie
Gynecologic Oncology Group  $41,500
Clinical Trial

Kimberly Leslie
National Institutes of Health  $321,561
EGFR Blockade in Endometrial Cancer

Kimberly Leslie
New Mexico Department of Health  $100,000
High Risk Prenatal Care

Kimberly Leslie
New Mexico Department of Health  $75,001
High Risk Prenatal Care
William Rayburn
Cytokine PharmaSciences $43,004
Clinical Trial

Sharon Phelan
New Mexico Department of Health $6,000
Tubal Surgical Procedures and Vasectomy Procedures

Sharon Phelan
New Mexico Department of Health $35,221
M&I Family Planning Program

Sharon Phelan
New Mexico Department of Health $50,159
Maternity and Infant Care—Title V

Sharon Phelan
New Mexico Department of Health $70,000
Risk Appropriate Prenatal Medical Services

Sharon Phelan
New Mexico Department of Health $15,000
Tubal Surgical Procedure/Vasectomy Procedures

Sharon Phelan
New Mexico Department of Health $11,766
M&I—Family Planning Program

Sharon Phelan
New Mexico Department of Health $16,621
Maternity and Infant Care

Sharon Phelan
New Mexico Department of Health $6,000
Tubal Surgical Procedure or Vasectomy Procedures

Valerie J. Rappaport
Quintiles Laboratories $302,216
Clinical Trial—Phase III

William Rayburn
New Mexico Department of Health $24,999
High Risk Prenatal Care

Rebecca G. Rogers
PPD Development $25,465
Phase IV Clinical Trial

Office of Diversity
Valerie Romero-Leggott
HRSA-Health Resources and Services Administration $484,573
HCOP: Health Careers Opportunity Program

Office of the Medical Investigator
Sarah L. Lathrop
New Mexico Department of Health $73,472
New Mexico Violent Death Reporting System

Patricia J. McFeeley
New Mexico Crime Victims Reparation Commission $1,050
Grief Intervention for Homicide Survivors

Patricia J. McFeeley
New Mexico Department of Health $79,500
Psychosocial Annex to State Department of Health Emergency Operations Plan

Kurt B. Nolte
New Mexico Department of Health $200,000
Bioterrorism Surveillance Project

Ross E. Zumwalt
New Mexico Department of Health $109,120
Building Maintenance, Landscaping and Custodial Services

Ross E. Zumwalt
Veterans Administration Medical Center $339,224
VA Autopsy Services

Office of Research
Cheryl J. Aine
The MIND Institute $116,523
The Mind Institute Research

Cheryl J. Aine
The MIND Institute $47,800
Mind Institute

Cheryl J. Aine
The MIND Institute $120,000
Mind Institute

Juan R. Bustillo
The MIND Institute $88,500
552-MIND-Bustillo

Juan R. Bustillo
The MIND Institute $75,161
Reliability of Proton-Magnetic Resonance Spectroscopy Brain Measures in Persons with Schizophrenia

Occupational Therapy Program
Patricia A. Burtner
Albuquerque Public Schools $14,000
APS-UNM Collaborative Programs in Occupational Therapy

Patricia A. Burtner
US Department of Education $200,000
Project ESCUELA: Educating Students for Cultural Understanding, Evidence-Based Practice, Leadership and Advocacy
Charles Gasparovic  
The MIND Institute  $104,000  
MIND MR Operations  

Laurie Hudson  
NIH—National Institute of General Medical Science  $211,396  
Southwest Coalition Bridges to the Doctorate  

Mary Kenney  
The MIND Institute  $120,000  
MIND Institute Renovations  

Richard S. Larson  
Veterans Administration Medical Center  $103,649  
Institutional Review Board Agreement  

Richard S. Larson  
The MIND Institute  $106,352  
300 MEG Research HSC Transition  

John Lauriello  
The MIND Institute  $42,400  
510 MIND Site Director, NM  

John Lauriello  
The MIND Institute  $143,300  
511 NM SITE MCIC Consortium  

Kevin O'Hair  
Veterans Administration Medical Center  $11,025  
Veterinary Consultations Services  

Yoshio Okada  
The MIND Institute  $12,000  
Tristan Study Participant Incentives  

Nora Perrone-Bizzozero  
The MIND Institute  $118,900  
A Model for Progressive Brain Imaging Abnormalities in Schizophrenia  

Stefan Posse  
The MIND Institute  $64,600  
450 MIND MR Research  

Stefan Posse  
The MIND Institute  $700  
450 MIND MR Research  

Stefan Posse  
The MIND Institute  $30,600  
453 MIND HFMRS Consortium  

Paul B. Roth  
The MIND Institute  $300,000  
MIND Imaging Center Operations  

Robert Thoma  
The MIND Institute  $14,200  
400—MIND Neuroscience Research  

Robert Thoma  
The MIND Institute  $20,000  
400—Neuroscience Research  

Robert Thoma  
The MIND Institute  $8,000  
404—Neuroscience MultiModal Consortium  

Angela Wandinger-Ness  
Lovelace Respiratory Research Institute  $68,496  
LRRI/BSGP Administrative Support Agreement  

Angela Wandinger-Ness  
Lovelace Respiratory Research Institute  $241,394  
LRRI/BSGP Fellowship Program Agreement  

Angela Wandinger-Ness  
Lovelace Respiratory Research Institute  $8,484  
LRRI/UNM BSGP Fellowship  

Michael R. Williamson  
The MIND Institute  $40,000  
Neuroradiology Interpretations for Research Studies  

**Orthopaedics**  
Zina Daniels  
Albuquerque Public Schools  $2,000  
APS-UNM Collaborative Programs in Physical Therapy 2005-2006  

Thomas A. Decoster  
Zimmer $75,000  
Orthopaedic Trauma Fellowship and Education Program  

James G. Dexter  
Laser Neurotherapy Development Labs, Inc. $3,000  
The Effects of Neurolase 150 Cold Laser on Flexibility of the Hamstrings in Healthy Adults  

Burke Gurney  
Foundation for Physical Therapy $40,000  
Absorption of Dexamethasone in Connective Tissue of Humans Using Iontophoresis  

Susan Ann Queen  
NIH—National Institute of Neurological Disorders and Stroke $164,932  
Novel in Vivo Measures of Rat Spinal Cord Glutamate  

Robert H. Quinn  
Howmedica Osteonics  $3,500  
AAOS Annual Meeting
Therese J. Bocklage  
Lovelace Respiratory Research Institute  $27,878  
Biomarkers to Assess Selenium Chemoprevention for NSCL

Kendall Crookston  
Blood Systems Foundation  $29,850  
Transfusion Medicine Fellowship at the University of New Mexico

Kendall Crookston  
TriCore Reference Laboratories  $41,000  
Clinical Trial Agreement, Phase I

Bruce S. Edwards  
National Institutes of Health  $4,500  
Assay for Formylpeptide Receptor Family Ligands

Brian L. Hjelle  
Chiron Corporation  $336,791  
Development/Rapid Diagnostic Tests for Hantaviruses

Brian L. Hjelle  
NIH—National Institute of Allergy & Infectious Diseases  $248,018  
Cell Entry Inhibitors for Sin Nombre Virus

John Hozier  
Exagen Corp.  $76,257  
Validation of Exagen Molecular Signatures for Breast Cancer Prognosis

Walter Kisiel  
NIH—National Heart, Lung and Blood Institute  $262,500  
Type 2 Tissue Factor Pathway Inhibitor

Richard S. Larson  
NIH—National Cancer Institute  $231,431  
Micro Environmental Mechanisms of Leukemia Cell Survival

Richard S. Larson  
University of Virginia  $98,555  
Selectin Chemokine and Integrin Control of Vascular Leukocyte Training

Richard S. Larson  
Sandia National Laboratories  $100,000  
Network of Ligand-Based Autonomous Bioagent Detectors

Richard S. Larson  
Senior Scientific  $22,340  
Biomagnetic Determination of Transplant Rejection

Richard S. Larson  
Senior Scientific  $168,708  
Use of Nanoparticles in a Magnetic Biopsy Needle

Diane Lidke  
Sandia National Laboratories  $40,000  
Hyperspectral Imaging, Multivariate Curve Resolution Analysis and Multi-color Single Particle Quantum Dot Tracking: Elucidating Membrane Protein Dynamics in Living Cells

Mary F. Lipscomb  
NIH—National Heart, Lung and Blood Institute  $1,531,633  
Immune Dysregulation in Allergic Asthma

Janet M. Oliver  
NIH—National Institute of General Medical Science  $299,288  
Signaling Activity of IgE Receptor Subunits

Janet M. Oliver  
Sandia National Laboratories  $50,000  
Studies of Signaling Domain in Model and Biological Membranes Through Advanced Imaging Techniques

Stephen A. Young  
SPECTRE

Angela Wandinger-Ness  
National Science Foundation  $165,000  
Rab 7 and Accessory Protein Function in Late Endocytosis

Angela Wandinger-Ness  
NIH—National Institute of Diabetes and Digestive and Kidney Diseases  $320,000  
Pathologic Mechanisms of Polycystic Kidney Disease

Thomas M. Williams  
National Marrow Donor Program  $31,529  
Donor/Recipient Pair Project

Thomas M. Williams  
National Marrow Donor Program  $45,555  
Donor/Recipient Pair Project

Bridget S. Wilson  
National Institutes of Health  $274,770  
Mapping of Specialized Domains for FcERI Signaling and Internalization

Bridget S. Wilson  
NIH—National Center for Research Resources  $92,200  
High Resolution Digital Camera for TEM

Bridget S. Wilson  
NIH—National Cancer Institute  $285,215  
Mapping and Modeling ErbB Receptor Membrane Topography
Pediatrics
Javier Aceves
NM/DOH $25,000
Continuum of Care Project

Javier Aceves
NM/DOH/LTSD $55,408
Continuum of Care—Early Childhood Initiative

Javier Aceves
NM/DOH/LTSD $978,147
Continuum of Care Project

Robert D. Annett
Oregon Research Institute $52,357
Barriers to Voluntary Assent in Pediatric Asthma Research

John R. Brandt
NM/DOH/CMS $10,290
Community-Based Outreach Nephrology Clinics

Patricia A. Burtner
Albuquerque Public Schools $16,000
APS–UNM Collaborative Agreement in Occupational Therapy

Laura F. Caffey
DHHS/HRSA/MCHB $340,000
University of New Mexico Pediatric Pulmonary Center

Carol L. Clericuzio
NM/DOH $49,608
Genetic/Dysmorphology Outreach Clinics

Carole L. Clericuzio
NM/DOH $36,000
Metabolic Clinics

Carol L. Clericuzio
NM/DOH $20,100
Pediatric Dysmorphology Outreach Clinics

Carol L. Clericuzio
NM/DOH $10,000
Pediatric Metabolic Clinics

Carol L. Clericuzio
NM/DOH/CMS $5,000
Dysmorphology Outreach Clinics

Jami Frost
Cephalon, Inc $30,168
Clinical Trial

Jami Frost
HopeLab $60,000
Clinical Trial

Jami Frost
HopeLab $10,000
Clinical Trial

Jami Frost
National Childhood Cancer Foundation $18,000
Clinical Trial

Nancy G. Greger
NM/DOH/CMS $32,320
Pediatric Endocrinology

Mark T. Holdsworth
Merck & Company, Inc. $35,870
Clinical Trial

Andrew C. Hsi
DHHS/ACF/CFB $100,000
GRO Project—Grandparents and Relatives Outreach

Andrew C. Hsi
NM/Children, Youth and Families Department $154,290
FOCUS Program

Andrew C. Hsi
NM/Children, Youth and Families Department $111,289
Focus Program Infant Mental Health Project

Andrew C. Hsi
NM/DOH $27,347
FOCUS Program

H. William Kelly
DHHS/PHS/NIH/NHLBI $164,108
CAMP Continuation Study/Phase 2

Virginia L. Laadt
NM/Children, Youth and Families Department $175,000
Promoting Resiliency in Newborns

Virginia L. Laadt
NM/DOH/LTSD $193,500
Developmental Care Continuity Program (DCCP)

Prasad Mathew
Baxter BioScience $8,072
Clinical Trial

Prasad Mathew
Baxter Healthcare Corporation $4,980
Clinical Trial
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prasad Mathew</td>
<td>CureSearch—National Childhood Cancer Foundation</td>
<td>$12,452</td>
<td>Subcontract No. 12960 under Grant No. U10 CA98543-02</td>
</tr>
<tr>
<td>Prasad Mathew</td>
<td>Genzyme Corporation</td>
<td>$72,660</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Prasad Mathew</td>
<td>Hemophilia and Thrombosis Research Society</td>
<td>$15,100</td>
<td>HTRS Registry</td>
</tr>
<tr>
<td>Prasad Mathew</td>
<td>Research Triangle Institute</td>
<td>$13,200</td>
<td>Second Multicenter Hemophilia Cohort Study</td>
</tr>
<tr>
<td>Prasad Mathew</td>
<td>University of Colorado Health Sciences Center</td>
<td>$14,524</td>
<td>Hemophilia Diagnostic and Treatment Centers Region VIII</td>
</tr>
<tr>
<td>Prasad Mathew</td>
<td>University of Colorado Health Sciences Center</td>
<td>$26,879</td>
<td>Prevention of the Complications of Hemophilia Through HTCs</td>
</tr>
<tr>
<td>Jane W. McGrath</td>
<td>NM Pediatric Society</td>
<td>$31,979</td>
<td>Service Agreement</td>
</tr>
<tr>
<td>Jane W. McGrath</td>
<td>NM/DOH</td>
<td>$220,540</td>
<td>School-Based Health Center Evaluation</td>
</tr>
<tr>
<td>Jane W. McGrath</td>
<td>NM/HSD</td>
<td>$197,243</td>
<td>Envision New Mexico: The Initiative for Child Health Care Quality</td>
</tr>
<tr>
<td>Renee Rita Ornelas</td>
<td>NM/DOH</td>
<td>$84,700</td>
<td>Para Los Niños</td>
</tr>
<tr>
<td>Renee Rita Ornelas</td>
<td>NM/DOH/IPEMSMD</td>
<td>$338,800</td>
<td>Para Los Niños</td>
</tr>
<tr>
<td>Elizabeth Perkett</td>
<td>NM/DOH</td>
<td>$20,000</td>
<td>Asthma Program Outreach Clinics District II-SF</td>
</tr>
<tr>
<td>Elizabeth Perkett</td>
<td>NM/DOH/CMS</td>
<td>$75,000</td>
<td>Children’s Medical Services—Outreach Pulmonary Clinics</td>
</tr>
<tr>
<td>Victor C. Strasburger</td>
<td>NM/DOH</td>
<td>$60,217</td>
<td>Sequoyah Adolescent Treatment Center</td>
</tr>
<tr>
<td>Stuart S. Winter</td>
<td>NM/DOH</td>
<td>$13,000</td>
<td>2005 Camp Enchantment</td>
</tr>
<tr>
<td>Craig Wong</td>
<td>Children’s Hospital and Regional Medical Center (Seattle)</td>
<td>$31,220</td>
<td>Clinical Trial</td>
</tr>
<tr>
<td>Craig Wong</td>
<td>Children’s Mercy Hospital</td>
<td>$20,881</td>
<td>CKiD</td>
</tr>
<tr>
<td>Craig Wong</td>
<td>Children’s Mercy Hospital</td>
<td>$27,685</td>
<td>Steering Committee for U01 DK066143-02</td>
</tr>
</tbody>
</table>

**Psychiatry**

Steven N. Adelsheim  
National Indian Youth Leadership Development  $159,350  
Venturing Beyond Prevention

Steven N. Adelsheim  
New Mexico Department of Health  $143,232  
Behavioral Health Services/Consultant

Steven N. Adelsheim  
Region IX Education Cooperative  $5,000  
Region IX Psych Services

Steven N. Adelsheim  
New Mexico Children Youth & Family Department  $53,540  
Rural Psychiatric Services

Steven N. Adelsheim  
New Mexico Department of Health  $35,808  
Behavioral Health Consultation

Steven N. Adelsheim  
New Mexico Department of Health  $107,424  
Behavioral Health Consultation

Steven N. Adelsheim  
New Mexico Human Services Department  $476,633  
Telehealth and Distance Learning

Jerald Belitz  
Albuquerque Public Schools  $20,000  
Neuropsychological, Psychological and Psychiatric Consultations
Jerald Belitz  
Albuquerque Public Schools  $40,042  
Special Education Psychiatric Services

Michael Bogenschutz  
NIH—National Institute on Alcohol Abuse and Alcoholism  $358,770  
Twelve Step Facilitation for the Dually Diagnosed

Michael Bogenschutz  
NIH—National Institute on Alcohol Abuse and Alcoholism  $336,371  
Twelve Step Facilitation for the Dually Diagnosed

Juan R. Bustillo  
The General Hospital Corporation  $115,750  
Clinical Trial

Richard A. Campbell  
New Mexico Developmental Disabilities Planning  $300,000  
Guardianship Assessments

Jose Canive  
American Psychiatric Institute for Research & Education  $49,348  
Program for Minority Research Training in Psychiatry

George Davis  
Bernalillo County Juvenile Detention Center  $101,173  
Bernalillo County Juvenile Detention Center Psychiatric Services

Roberto Gomez  
Hughes (Howard) Medical Institute  $39,000  
Continued Support for HHMI-NIH Scholars Program

David Graeber  
Zia Behavioral Health, L.L.P.  $103,680  
Psychiatric and Behavioral Health Services to Incarcerated Juveniles

Kathleen Haaland  
Biomedical Research Institute of New Mexico  $65,083  
Editor in Chief, Journal of the International Neuropsychological Society

Steve Jenkusky  
City of Albuquerque  $30,000  
City of Albuquerque Crises Stabilization Treatment Center

Samuel J. Keith  
City of Albuquerque  $1,052,562  
Psychiatric and Mental Health Services for Metropolitan Detention Center

John Lauriello  
City of Albuquerque  $221,717  
Assertive Community Treatment Program

John Lauriello  
NIH—National Institute of Mental Health  $10,884  
Relapse Prevention: Long Acting Atypical Antipsychotics

John Lauriello  
NIH—National Institute of Mental Health  $195,927  
Relapse Prevention: Long Acting Atypical Antipsychotics

John Lauriello  
University of California Irvine  $99,214  
Biomedical Informatics Research Network (BIRN)—Functional Imaging

John Lauriello  
University of California Irvine  $179,768  
Biomedical Informatics Research Network (BIRN)—Functional Imaging

John Lauriello  
Eli Lilly  $443,988  
Clinical Trial

John Lauriello  
University of California Irvine  $204,644  
Functional Imaging Research in Schizophrenia (BIRN)

Stephen R. Perls  
DHHS-Indian Health Service  $32,399  
Behavioral Health Training Services

Stefan Posse  
McLean Hospital  $66,945  
High Field MR Research in Drug Abuse

Stefan Posse  
NIH—National Institute of Biomedical Imaging & Bioengineering  $264,218  
Interactive Real-Time fMRI at High Field with Automatic Classification

Helene B. Silverblatt  
City of Albuquerque  $92,354  
La Madrugada Early Headstart Program

Helene B. Silverblatt  
La Buena Vida  $50,925  
Psychiatric Evaluations and Consultations

Helene B. Silverblatt  
La Clinica del Pueblo de Rio Arriba  $27,677  
Rural Psychiatric Services

Helene B. Silverblatt  
Las Clinicas del Norte Inc.  $3,484  
Psychiatric Consultation

Helene B. Silverblatt  
Las Cumbres Learning Services  $22,232  
Psychiatric Services
Helene B. Silverblatt  
New Mexico Department of Health  $197,610  
Outreach Program Services

Helene B. Silverblatt  
New Mexico Department of Health  $65,869  
Outreach Program Services

Helene B. Silverblatt  
Southwest Counseling Services  $44,580  
Psychiatric Consultation

Helene B. Silverblatt  
Teambuilders Counseling Services  $28,329  
Psychiatric Services

Helene B. Silverblatt  
Border Area Mental Health Services Inc.  $23,347  
Psychiatric Services

Helene B. Silverblatt  
New Mexico Department of Health  $263,479  
Public Psychiatry Program

Arup Das  
NM/CFB  $57,156.25  
Emergency Eye Care and Vocational Rehabilitation

Dusanka Deretic  
NIH—National Eye Institute  $366,188  
Rhodospin Trafficking and Photoreceptor Membrane Renewal

Charles Tatlock  
New Mexico Department of Health  $228,000  
Basic Oral Health Services

Charles Tatlock  
New Mexico Department of Health  $57,000  
NM/DOH/PHD/FHB

Charles Tatlock  
New Mexico Department of Health  $171,000  
UNM Southeast Dental Clinic

Radiology  
Cheryl J. Aine  
National Institutes of Health  $268,864  
Functional Imaging of Aging and Alzheimer’s Disease

Michael R. Williamson  
New Mexico Department of Health  $120,250  
Breast and Cervical Cancer Study

Michael R. Williamson  
New Mexico Department of Health  $120,250  
Breast and Cervical Cancer Early Detection Program (BCC)

Surgery  
Gary W. Cuttrell  
Albuquerque Healthcare for the Homeless Inc.  $33,728  
Dental Services

Gary W. Cuttrell  
Albuquerque Healthcare for the Homeless Inc.  $33,729  
Albuquerque Healthcare for the Homeless

Gary W. Cuttrell  
HRSA-Health Resources and Services Administration  $243,102  
Residency Training in General and Pediatric Dentistry

Arup Das  
Juvenile Diabetes Foundation  $165,000  
Role of Extracellular Proteinases in Early Diabetic Retinopathy

COLLEGE OF NURSING  
Paula Meek  
NIH—National Institute of Nursing Research  $253,904  
Cognitive Function and Symptom Self-Management in COPD

Kenneth Miller  
City of Albuquerque  $32,144  
Geriatric Education and Health Maintenance

Kenneth Miller  
HRSA—Health Resources and Services Administration  $59,288  
Advanced Education Nursing Traineeship

Kenneth Miller  
HRSA—Health Resources and Services Administration  $50,000  
Nurse Faculty Loan Program

George F. Shuster III  
HRSA—Health Resources and Services Administration  $193,176  
Expansion and Retention of NM Minority and Rural RN’s

Eileen Thomas  
NIH—National Institute of Nursing Research  $221,850  
Past Experiences and Current Mammography Behaviors
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blaine Benson</td>
<td>HRSA—Health Resources and Services Administration</td>
<td>$114,686</td>
<td>Enhancing Poison Center Services In New Mexico</td>
</tr>
<tr>
<td>Scott W Burchiel</td>
<td>University of Texas</td>
<td>$228,612</td>
<td></td>
</tr>
<tr>
<td>Donald A. Godwin</td>
<td>HRSA—Health Resources and Services Administration</td>
<td>$593,535</td>
<td>Scholarship for Disadvantaged Students</td>
</tr>
<tr>
<td>Laurie Hudson</td>
<td>Environmental Protection Agency</td>
<td>$34,077</td>
<td>Mitogen-Activated Protein Kinase Signaling Alterations and Functional Consequences of UV Irradiation and Arsenite</td>
</tr>
<tr>
<td>Laurie Hudson</td>
<td>American Cancer Society</td>
<td>$27,833</td>
<td>EGFR Activation of PEA3 and FOXM1 in Ovarian Cancer Invasion</td>
</tr>
<tr>
<td>Laurie Hudson</td>
<td>Ohio State University</td>
<td>$18,386</td>
<td>Modulators of EMT in Skin Carcinogenesis</td>
</tr>
<tr>
<td>Laurie Hudson</td>
<td>NIH—National Cancer Institute</td>
<td>$285,188</td>
<td>Activated EGF Receptor in Ovarian Cancer</td>
</tr>
<tr>
<td>Alexis L. Kaminsky</td>
<td>Bernalillo County</td>
<td>$6,000</td>
<td>Evaluation of the South Valley Partners for Environmental Justice</td>
</tr>
<tr>
<td>Alexis L. Kaminsky</td>
<td>New Mexico Department of Health</td>
<td>$8,800</td>
<td>Environmental Public Health Tracking Project Meta-Evaluation</td>
</tr>
<tr>
<td>Alexis L. Kaminsky</td>
<td>Bernalillo County Environmental Health Depart</td>
<td>$6,000</td>
<td>South Valley Partners for Environmental Justice</td>
</tr>
<tr>
<td>Alexis L. Kaminsky</td>
<td>New Mexico Department of Health</td>
<td>$5,300</td>
<td>Evaluation Framework for Environmental Public Health Tracking</td>
</tr>
<tr>
<td>Johnnye L. Lewis</td>
<td>Cheyenne River Sioux Tribe</td>
<td>$80,265</td>
<td>Environmental Justice On Cheyenne River Sioux</td>
</tr>
<tr>
<td>Johnnye L. Lewis</td>
<td>New Mexico Environment Department</td>
<td>$16,046</td>
<td>Best Management Practices to Protect Water Quality and Human Health from Water and Airborne Contaminants at Dairies in NM</td>
</tr>
<tr>
<td>Johnnye L. Lewis</td>
<td>Rio Grande Community Development Corporation</td>
<td>$51,263</td>
<td>South Valley Partners In Environmental Justice</td>
</tr>
<tr>
<td>Johnnye L. Lewis</td>
<td>Cheyenne River Sioux Tribe</td>
<td>$88,630</td>
<td>Environmental Justice on the Cheyenne River</td>
</tr>
<tr>
<td>Jim Ke Jian Liu</td>
<td>National Institutes of Health</td>
<td>$346,558</td>
<td>Oxidative Mechanism of Arsenic-Induced Carcinogenesis</td>
</tr>
<tr>
<td>Craig Marcus</td>
<td>University of Washington</td>
<td>$81,788</td>
<td>Integrated Environmental Health Middle School Project</td>
</tr>
<tr>
<td>Jeffrey Paul Norenberg</td>
<td>Bioscan, Inc.</td>
<td>$300,000</td>
<td>SPECT/CT Imaging Research</td>
</tr>
<tr>
<td>Jeffrey Paul Norenberg</td>
<td>Los Alamos National Laboratory</td>
<td>$20,000</td>
<td>Subcontract NO. 25395-001-05</td>
</tr>
<tr>
<td>Jeffrey Norenberg</td>
<td>Los Alamos National Laboratory</td>
<td>$84,100</td>
<td>Radiopharmaceutical Development of Estrogen Derivatives for Diagnostic Imaging</td>
</tr>
<tr>
<td>Amy Pai</td>
<td>Shire Development, Inc.</td>
<td>$52,250</td>
<td>Clinical Trial, Phase 2</td>
</tr>
<tr>
<td>Manjunath Prakash Pai</td>
<td>Fujisawa Healthcare</td>
<td>$7,500</td>
<td>Comparison of Candida Susceptibility to Micafungin</td>
</tr>
<tr>
<td>Manjunath Prakash Pai</td>
<td>Society of Infectious Diseases Pharmacist</td>
<td>$20,000</td>
<td>Antifungals Against Candida Endocarditis</td>
</tr>
<tr>
<td>John Pieper</td>
<td>Veterans Administration Medical Center</td>
<td>$55,550</td>
<td>Good Clinical Practices</td>
</tr>
<tr>
<td>John Pieper</td>
<td>Veterans Administration Medical Center</td>
<td>$8,501</td>
<td>VA Cooperative Studies Program</td>
</tr>
</tbody>
</table>
Honglian Shi  
American Heart Association  \$132,000  
Redox Regulation of HIF-1 in Cerebral Ischemia

Hugh Smyth  
Cystic Fibrosis Foundation  \$43,092  
Particles for Cystic Fibrosis

Todd Thompson  
American Association of Colleges of Pharmacy  \$9,000  
Pharmacogenomics and Pharmacokinetics of Alpha-Tocopherol Metabolites as Prosta

Graham Timmins  
Cystic Fibrosis Foundation  \$43,181  
Impaired NO-Killing of P. aeruginosa in Cystic Fibrosis

Graham Timmins  
NIH—National Institute of Allergy & Infectious Diseases  \$187,500  
Antimycobacterial NO from KatG Isoniazid Activation

Graham Timmins  
National Institutes of Health  \$142,500  
Molecular Imaging of Melanoma by EPR

Mary K. Walker  
American Heart Association  \$132,000  
ARYL Hydrocarbon Receptor and Hypertension

Mary K. Walker  
Case Western Reserve University  \$32,840  
Toxin and Hypoxia Pathways in Cardiogenesis

Mary K. Walker  
NIH—National Heart Lung And Blood Institute  \$384,900  
Ah Receptor and Endothelin-Dependent Hypertension

Mary K. Walker  
NIH—National Institute of Environmental Health  \$189,495  
Fetal Dioxin Exposure and Adult Heart Disease

Mary K. Walker  
Bates College  \$25,000  
ARYL Hydrocarbon Receptor and Cardiac Adrenergic Signaling

Tiffany Lee  
American Educational Research Association  \$73,995  
Educational Influence on the Development of a Native American Identity and on Service to Native American Communities

UNIVERSITY COLLEGE

Native American Studies
Gregory Cajete/Maria Williams  
National Science Foundation  \$199,565  
BPC-DP Collaborative Research: New Voices and New Visions for Engaging Native Americans in Computer Science

Gregory Cajete  
New Mexico Endowment for the Humanities  \$2,000  
Crossings of Breath: Natives and Blacks in the Southwest

BRANCH CAMPUSES AND EDUCATION CENTERS

Gallup Branch
Carol Bartlett  
Department of Education  \$235,683  
UNM-Gallup Student Support Services/TRiO

Robert Goode  
National Writing Project  \$3,500  
National Writing Project

Kathy Head  
NM Commission on Higher Education  \$125,000  
Continue the Expansion of the Nursing Program

Christine Marlow  
NM Public Education Department  \$721,287  
Middle College High School State Equalization Grant

Christine Marlow  
NM Public Education Department  \$171,240  
Education to Careers

Elsie Sanchez  
NM Small Business Development Center  \$17,729  
UNM-Gallup Small Business Development Center—Federal
Elsie Sanchez  
NM Small Business Development Center  $174,200  
UNM-Gallup Small Business Development Center

Jim Sayers  
NM Higher Education Department  $209,584  
Equipping McKinley County for the Future—State

Jim Sayers  
NM Commission on Higher Education  $97,501  
Equipping McKinley County for the Future—Federal

Jim Sayers  
NM Public Education Department  $12,420  
Adult Basic Education Instructional Material

Kamala Sharma  
National Institute of Child Health and Human Development/NIH/DHHS  $54,000  
Biomedical and Behavioral Research Initiative at UNM-Gallup

Kamala Sharma  
Arizona State University  $630  
Chemistry Peer Study for Elements of General Chemistry

Kamala Sharma  
Arizona State University  $315  
WASEO—Elements of General Chemistry Peer Study

Mary Snaden  
Department of Education  $361,469  
Alliance for Responsive and Coordinated Curriculum Change (ARCC)

Paula Watt  
National Science Foundation  $51,638  
Investigation of Radiation and Radionuclides in the Four Corners Region Environment

H.M. Zongolowicz  
Bureau of Indian Affairs/Department of the Interior  $129,210  
BIA—Leave No Child Behind Education Project, BA Degree Program

H.M. Zongolowicz  
Bureau of Indian Affairs/Department of the Interior  $190,970  
BIA—Leave No Child Behind Education Project, AA Degree Program

H.M. Zongolowicz  
NM Commission on Higher Education  $122,040  
PK-16 Partnership

Los Alamos Branch

Patricia Boyer  
NM State University  $12,962  
UNM-Los Alamos 20th Annual Children’s College

Patricia Boyer  
Los Alamos National Laboratory  $36,735  
LANL Childcare Initiative

Howard Hickey, Jr.  
NM Small Business Development Center  $150,000  
UNM Los Alamos Small Business Development Center—Sandoval County

Howard Hickey, Jr.  
NM Small Business Development Center  $5,000  
UNM Los Alamos Small Business Development Center—Sandoval County

Shari Jobe  
NM Commission on Higher Education  $26,756  
UNM-Los Alamos Adult Learning Center—Federal (ABE)

Shari Jobe  
NM Commission on Higher Education  $131,808  
UNM-Los Alamos Adult Learning Center 05-06 State

Shari Jobe  
NM Commission on Higher Education  $101,864  
UNM-Los Alamos Adult Learning Center 05-06 State

Shari Jobe  
NM Higher Education Department  $5,983  
UNM-Los Alamos Adult Basic Education

Shari Jobe/Carlos Ramirez  
Los Alamos National Laboratory Foundation  $7,500  
UNM-Los Alamos Adult Basic Education at Bernalillo Pathways to College Program

Phyllis Mingus-Pepin  
NM Small Business Development Center  $184,500  
UNM Los Alamos Small Business Development Center

Carlos Ramirez  
Los Alamos County  $20,000  
Los Alamos County/UNMLA Sculpture Project for the UNMLA 25th Anny

Carlos Ramirez  
Edmonds Community College  $1,275  
NSF Materials Science Resource Center

Yohanna Wiuff  
Los Alamos National Laboratory  $4,000  
Electro-Mechanical Training Program
Yohanna Wiuff
Los Alamos National Laboratory  $4,000
Electro-Mechanical Technology Program

**Taos Education Center**
Brandy Corry
NM Developmental Disabilities Planning Council  $15,000
Family Support Program

Brandy Corry
NM Developmental Disabilities Planning Council  $25,000
Child Care Inclusion Project

Brandy Corry
NM Children, Youth and Family Department  $216,091
Early Childhood Training and Technical Assistance Program

Theresa Green
NM Public Education Department  $78,645
UNM-Taos CareerTechnical Network

Judy Hofer
NM Higher Education Department  $68,251
ABE/GED Program, State Funding

Judy Hofer
NM Higher Education Department  $67,896
ABE/GED Program, Federal Funding

Judy Hofer
NM Coalition for Literacy  $10,000
UNM-Taos Literacy Project

Judy Hofer
NM Public Education Department  $1,557
Instructional Materials

Juan Montes
Department of Education  $400,022
Strengthening Institutions for Student Success

Richard Niemeyer
National Park Service/Department of the Interior  $27,706
IMR Building a Better Future Facility Management Internship Program

**Valencia Branch**
Karen Acree
Department of Education  $627,759
Cooperating to Improve Rural Hispanic Student Success Through Technology (Title V)

Rosa Auletta/Tina Newby/Tina Kitzrow
NM Public Education Department  $281,401
Adult Education Center—State

Rosa Auletta
NM Public Education Department  $108,658
Adult Education Center—Federal

Rosa Auletta
NM Commission on Higher Education  $44,614
P-16 Professional Development Bachelor of Arts Degree Grant

Rosa Auletta
NM Public Education Department  $9,240
Adult Education Center

Cheryl Boone
Department of Education  $13,848
CCAMPIS Child Care Center

Cheryl Boone
NM Children, Youth and Family Department  $102,740
Para Nuestros Nino

Cheryl Boone
NM Children, Youth and Family Department  $5,060
Child and Adult Care Food Program

Cindy Chavez
NM Public Education Department  $92,246
UNM Valencia Instructional Project

Reinaldo Garcia
NM Public Education Department  $109,985
UNM Valencia Campus Tech Prep Program

Rita Logan
NM Commission on Higher Education  $21,985
Gear Up “Tutoring Plus”

Rita Logan
NM Department of Transportation  $69,782
GRIP (Governor Richardson’s Investment Partnership) Workforce Training Project

Rita Logan
NM Department of Transportation  $450,000
GRIP (Governor Richardson’s Investment Partnership) Workforce Training Project

Roberta Scott
NM Small Business Development Center  $174,300
Small Business Development Center UNM-Valencia Campus
Serving Valencia, Socorro, and Torrance Counties
Lyn White
Department of Education $235,683
OnTRAC Student Support Services/TRIO

Lyn White
Department of Education $220,000
Upward Bound/TRIO

PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS
Benny Shendo
NM Department of Indian Affairs $15,000
IPA

Graduate Studies
Amy Wohlert/Terisita Aguilar
National Science Foundation $283,500
Graduate Research Fellowship Program

Amy Wohlert
NM State University $114,024
New Mexico Alliance for Graduate Education and the Professoriate

KUNM-FM
Richard Towne
Corporation for Public Broadcasting $19,687
Radio Community Service Grant

Richard Towne
McCune Charitable Foundation $80,000
Digital Transmission/Conversion Project

Richard Towne
Corporation for Public Broadcasting $227,854
Radio Community Service Grant

Richard Towne
New Mexico Community Foundation $50,000
KUNM Youth Radio Show

Richard Towne
Lannan Foundation $10,000
Native American Pilot Radio Program

Latin American and Iberian Institute
Cynthia Radding
Department of Education $192,000
UNM's Harvester for Creating Knowledge Streams in the Americas Project

Cynthia Radding
Department of Education $84,500
Foreign Language and Area Studies Fellowships, 2005-06 (FLAS)

Cynthia Radding
Department of Education $219,966
National Resource Center: New Mexico Consortium for Latin American Studies

Cynthia Radding
Peace Corps $16,456
Peace Corps Strategy Recruitment Contract

Cynthia Radding
Tinker Foundation, Inc. $15,000
Tinker Field Research Grants for Latin America and Ibero America

National Institute for Native Leadership in Higher Education (NINLHE)
Eloisa Chavez
Kellogg (W.K.) Foundation $150,000
Sustainability Support Fund

Eloisa Chavez
Lumina Foundation for Education $10,000
Salary Support for the 2006 Annual National Institute

University Honors Program
Ursula Shepherd
National Science Foundation $114,140
An International Experience for Undergraduates: Australian Biodiversity and Ecological Research

University Libraries
Nancy Dennis
Los Alamos National Laboratory $24,000
Interlibrary Loan Through UNM’s Zimmerman Library

Vice Provost of Extended University
Jeronimo Dominguez
NM Higher Education Department $38,000
Coordination of Surveys to Design a Model to Meet Higher Education Needs on the West Side
VICE PRESIDENT FOR HEALTH SCIENCES
R. Philip Eaton
HRSA-Health Resources and Services Administration
$5,892,391
HSC Education Building Phase II

Paul B. Roth
New Mexico Department of Health  $84,795
New Mexico Immunization Coalition

Paul B. Roth
New Mexico Department of Health  $150,160
NM Immunization Coalition Project

Cancer Research and Treatment Center
Kathy Baumgartner
NIH—National Cancer Institute  $7,576
Four Corners Breast and Endometrial Cancer Study

Marianne Berwick
New York University  $16,305
National Cancer Institute Oral Cancer RAAHP Center

Marianne Berwick
Penrose-St. Francis Health Services  $73,594
NM Partnership Program with Rocky Mountain Cancer Information Services

Marianne Berwick
Sloan Kettering Institute for Cancer Research  $72,794
The Framingham School Nevus Study

Marianne Berwick
New Mexico Department of Health  $300,000
Breast Cancer Environmental Study

Marianne Berwick
NIH—National Cancer Institute  $475,102
Solar Exposure and Melanoma Survival

Marianne Berwick
Penrose-St. Francis Health Services  $74,357
NM Partnership Program with Rocky Mountain CIS

Marianne Berwick
University of Minnesota  $42,593
Indoor Tanning Use, DNA Repair and Risk of Melanoma

Marianne Berwick
University of North Carolina  $14,354
Melanoma RAS/BRAF Mutations: Heterogeneity, Risk and Prognosis

Marianne Berwick
University of Utah  $33,059
Rocky Mountain Cancer Genetics Network

Tione Buranda
NIH—National Institute of Allergy & Infectious Diseases
$140,778
Membrane Organization in Cell Signaling and Adhesion

Richard Edward Dahl
American Cancer Society Inc  $720,000
Transcription Factor Ratios in Hematopoiesis

Richard Edward Dahl
Leukemia Research Foundation  $75,000
Ets and Gfi1 Family Interactions in T Cell Development

Glenroy Heywood
Center for Translational Drug Development  $11,776
Clinical Trial

Richard Hoffman
New Mexico Department of Health  $49,714
Comprehensive Cancer Project—Assessment of Handbooks

Richard Hoffman
New Mexico Department of Health  $30,506
Comprehensive Assessment of Cancer Handbooks

Richard Hoffman
New Mexico Department of Health  $28,620
Comprehensive Cancer Project—Assessment of Handbooks

Robert A. Hromas
National Institutes of Health  $80,384
NRSA: Hispanic and Native American Research Internship Program

Robert A. Hromas
Amgen  $5,000
Workshop on Myeloid Development 2005

Robert A. Hromas
Sanofi Research Division  $50,000
UNM Sanofi Fellowship

Robert A. Hromas
New Mexico Cancer Care Alliance  $26,250
Clinical Trial, Phase 3

Robert A. Hromas
NIH—National Cancer Institute  $249,375
Oct-4 in Embryonal Carcinoma Differentiation

Robert A. Hromas
NIH—National Heart Lung and Blood Institute  $337,500
The Homeoprotein Hex Regulates Hemangioblast Differentiation

Dennie V. Jones, Jr.
GlaxoSmithKline  $151,875
Clinical Trial
Dennie V. Jones, Jr.  
New Mexico Cancer Care Alliance  $15,977  
Clinical Trial

Fa-Chyi Lee  
New Mexico Cancer Care Alliance  $18,750  
Clinical Trial

Fa-Chyi Lee  
NM Alliance for Mental Illness  $125,515  
Clinical Trial

Fa-Chyi Lee  
New Mexico Cancer Care Alliance  $18,270  
Clinical Trial

Aroop Mangalik  
NSABP Foundation  $9,000  
Clinical Trial

Aroop Mangalik  
NSABP Foundation  $40,000  
Clinical Trial

Aroop Mangalik  
NSABP Foundation  $8,400  
Clinical Trial

Janet M. Oliver  
NIH—National Institute of General Medical Science  $245,527  
Center for Spatiotemporal Modeling of Cell Signaling

Janet M. Oliver  
Sandia National Laboratories  $21,185  
Extraction of Kinetic Information from Image Data

Janet M. Oliver  
Sandia National Laboratories  $110,000  
Fluorescent Ceramic Nanoprobes

Yehuda Patt  
New Mexico Cancer Care Alliance  $25,000  
Clinical Trial, Phase 2

Yehuda Patt  
New Mexico Cancer Care Alliance  $24,539  
Clinical Trial, Phase 2

Ian Rabinowitz  
Amgen  $56,188  
Clinical Trial

Ian Rabinowitz  
New Mexico Cancer Care Alliance  $28,750  
Clinical Trial

Ian Rabinowitz  
Southwest Oncology Group  $27,500  
Purchase Service Agreement

Melanie E. Royce  
GlaxoSmithKline  $33,590  
Clinical Trial

Melanie E. Royce  
New Mexico Cancer Care Alliance  $40,000  
Clinical Trial

Melanie E. Royce  
Baylor College of Medicine  $20,000  
Clinical Trial

Larry A. Sklar  
NIH—National Institute of Mental Health  $1,997,161  
NM Molecular Libraries Screening Center

Larry A. Sklar  
University of Virginia  $39,999  
Cell Migration Consortium-Subproject: CMMA

Larry A. Sklar  
National Institutes of Health  $31,250  
NM Molecular Libraries Screening Center-Outreach Program

Anthony Y. Smith  
Abbott Laboratories  $137,225  
Clinical Trial

Claire Verschraegen  
Eli Lilly  $17,625  
Clinical Trial

Claire Verschraegen  
New Mexico Cancer Care Alliance  $20,000  
Clinical Trial

Claire Verschraegen  
New Mexico Cancer Care Alliance  $50,000  
Clinical Trial

Claire Verschraegen  
Novartis Pharmaceuticals  $75,000  
Clinical Trial
Claire Verschraegen  
Pfizer Inc. $40,000  
Clinical Trial

Claire Verschraegen  
Praecis Pharmaceuticals $170,380  
Clinical trial

Cheryl L. Willman  
NIH—National Cancer Institute $1,487,293  
Leukemia Signatures for Risk Classification and Targeting

Charles L. Wiggins  
NIH—National Cancer Institute $2,400  
SEER—Surveillance, Epidemiology and End Results Program

Cheryl L. Willman  
National Childhood Cancer Foundation $222,014  
Children’s Oncology Group (COG) Human Specimen Banking

Cheryl L. Willman  
National Childhood Cancer Foundation $551,571  
Children’s Oncology Group-Chair Grant

Cheryl L. Willman  
The Leukemia & Lymphoma Society $1,247,000  
Specialized Center of Research in Acute Leukemia: From Comprehensive Molecular Technologies

Cheryl L. Willman  
University of Michigan $348,482  
Southwest Oncology Group Operations Office

Cheryl L. Willman  
University of Michigan $239,291  
Southwest Oncology Group Operations Office

Cheryl L. Willman  
National Institutes of Health $1,381,548  
University of New Mexico Cancer Center Support

Cheryl L. Willman  
NIH—National Cancer Institute $415,588  
NM Minority Based Community Clinical Oncology Program

Health Sciences Library and Informatics Center

Erinn Aspinal  
Houston Academy of Medicine $11,000  
Distance Services for New Mexico

Jonathan Eldredge  
Houston Academy of Medicine $25,000  
EBPH Informatics Training for Public Health Practitioners in New Mexico

Randall F. Stewart  
NIH—National Library of Medicine $66,117  
Electronic Psychiatric Charting on Patient Satisfaction

Janis B. Teal  
Houston Academy of Medicine $24,998  
New Mexico Go Local

Janis B. Teal  
New Mexico Medical Society $6,000  
New Mexico Medical Society

Janis B. Teal  
New Mexico Historical Records Advisory Board $3,000  
Valmora Industrial Sanatorium and Carl H. Gellenthien Collections: Preservation and Access

Janis B. Teal  
National Network of Libraries of Medicine $32,000  
Tribal Connections Four Corners

New Mexico Tumor Registry

Charles L. Wiggins  
NIH—National Cancer Institute $50,000  
Alaska/Cherokee Nation Supplement to SEER

Charles L. Wiggins  
NIH—National Cancer Institute $12,688  
Alaska, Cherokee Nation Supplement to SEER

Charles L. Wiggins  
NIH—National Cancer Institute $176,265  
Health, Eating, Activity and Lifestyle (HEAL)

Charles L. Wiggins  
NIH—National Cancer Institute $5,327  
SEER—Surveillance, Epidemiology and End Results—Field Studies

Charles L. Wiggins  
University of Louisville $16,020  
Ethnicity, Breast Cancer Recurrence and Long-Term Quality of Life

General Clinical Research Center

Paul B. Roth  
NIH—National Center for Research Resources $255,107  
General Clinic Research Center

Paul B. Roth  
NIH—National Center for Research Resources $3,084,022  
General Clinical Research Center
Charles L. Wiggins  
US Department of Justice  $3,000  
Radiation Exposure Compensation Program

Charles L. Wiggins  
NIH—National Cancer Institute  $25,313  
Patterns of Care-Diagnosis Year 2004

Charles L. Wiggins  
NIH—National Cancer Institute  $45,551  
Replication of Results Regarding Completeness of Melanoma Surveillance

Charles L. Wiggins  
St. Vincent Hospital/Richard M. Angle Cancer Treatment Center  $36,000  
Professional Services Agreement

Charles L. Wiggins  
DHHS—Indian Health Service  $25,000  
Technical Assistance to the IHS National Epidemiology Program

Undergraduate Medical Education
Summers Gof Kalishman  
FAIMER Institute  $49,560  
Evaluation Plan for the FAIMER Institute

Summers Gof Kalishman  
FAIMER Institute  $39,775  
Evaluation Plan for the FAIMER Institute

VICE PRESIDENT FOR INSTITUTIONAL ADVANCEMENT

KNME-TV
Tish Bravo  
New Mexico Medical Review Association  $10,000  
RAM (Remaking American Medicine)

Tish Bravo/Michael Kamins  
Corporation for Public Broadcasting  $7,500  
Age of Aids: Mini Grant

James M. Gale  
Department of Commerce  $183,250  
Rural Digital TV Conversion Project—Central and Northern New Mexico

Ted Garcia  
Corporation for Public Broadcasting  $33,000  
Television Distance Service Grant

Ted Garcia  
Corporation for Public Broadcasting  $21,738  
Television Interconnect Grant

Ted Garcia  
Corporation for Public Broadcasting  $1,089,923  
Television Community Service Grant

Michael Kamins  
City of Albuquerque  $15,000  
Villa de Albuquerque

Michael Kamins  
NM Museum of National History and Science  $45,000  
Earthshaker

Michael Kamins  
NM Museum of National History and Science  $44,833  
Volcanoes in New Mexico

Michael Kamins  
McCune Charitable Foundation  $25,000  
KNME Public Affairs Programming

Colleen Keane/Gilliam Gonda  
Corporation for Public Broadcasting  $1,500  
TeacherLine

Colleen Keane  
Bernalillo County  $25,000  
Ready To Learn

Colleen Keane  
Corporation for Public Broadcasting  $35,000  
Ready to Lead in Literacy

Colleen Keane  
Talaris Research Institute  $6,000  
Parenting Counts

Colleen Keane  
Independent Television Service  $10,000  
A Lion in the House—ITVS

Colleen Keane  
Corporation for Public Broadcasting  $25,000  
TeacherLine TeacherReach! Campaign
VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

Matthew Baca
NM Department of Health $32,902
Inventory Design, Assessment and Assistance Project (IDAAP)

Matthew Baca
NM Department of Health $37,000
Precautionary Principle Task Force

Matthew Baca
NM Environment Department $120,000
IDAAP

James Brown/Geoffrey West
Los Alamos National Laboratory $53,000
Joint Science and Technology Laboratory (JSTL) Proposal

Jim Brozik/Deborah Evans
Los Alamos National Laboratory $68,000
An Integrated Experimental/Theoretical Approach for Understanding and Controlling Electronic Communication in Nanoscale Molecular Assemblies

Thomas Caudell/Mahmoud Reda Taha
Defense Threat Reduction Agency $67,854
Distance Learning Courseware

Carlton Caves
Los Alamos National Laboratory $80,000
UNM-LANL Partnership in Quantum Information Science

Scott Collins
Los Alamos National Laboratory $40,000
Enabling Distributed Network Sensing of Arid Ecosystem Adaptation Resulting from Global Climate Change

Jerry Dragoo/Frank Gilfeather
Defense Advanced Research Projects Agency $94,875
Predictive Modeling, Visualization and Data Reduction

Bruce Edwards
Los Alamos National Laboratory $27,000
High Throughput Flow Cytometry and Protease Screening

Stephanie Forrest
Los Alamos National Laboratory $67,250
Realistic Modeling of the Immune Response in Tissue

Frank Gilfeather
Defense Threat Reduction Agency $1,220,249
DTRA: On-Site Collaborators for Cooperative Biological Research Projects in the Former Soviet Union

Frank Gilfeather/Walter H. Gerstle/Marcus Price
University of Texas, Austin $100,000
Design and Build a Prototype 74 MHz Array

Frank Gilfeather/Timothy Ross/Thomas Caudell/Mahmoud Reda Taha
Defense Threat Reduction Agency $1,398,615
Chemical and Biological Defense Multivariate Decision Support Tool

Paul Helman/Frank Gilfeather
Defense Advanced Research Projects Agency $103,148
Predictive Modeling, Visualization, and Data Reduction

Vasudev Kenkre/Frank Gilfeather
Defense Advanced Research Projects Agency $88,875
Predictive Modeling, Visualization and Data Reduction

Barbara Kimbell
National Science Foundation $2,250,000
NM EPSCoR RII (NM NEW) Proposal

Martin Kirk
Los Alamos National Laboratory $75,000
Unusual Metal Ligand Redox Interplay in 4f-Element Metallocene-Based Molecular Magnetic Materials

Gabriel Lopez
Los Alamos National Laboratory $40,000
New Nanofluidic Strategies for Efficient Biomolecular Separations

Terry Loring/Frank Gilfeather
Defense Advanced Research Projects Agency $70,331
Predictive Modeling, Visualization and Data Reduction

Craig Marcus
Los Alamos National Laboratory $55,500
Functional Genomics: Deciphering Systems Biology Via Unique UNM LANL Synergies for Stable Isotope Technology Enhanced Metabonomics

John McIver
Lockheed Martin Corporation $245,000
Support for the Office for Policy, Security and Technology

Yubin Miao
Los Alamos National Laboratory $90,000
Ga Labeled Peptides as PET Radiopharmaceuticals for Melanoma Imaging

Donald Natvig/Terry L. Yates
U.S. Fish & Wildlife Service/Department of the Interior $2,048,413
Research and Education Laboratory—Sevilleta (Design and Construction)
Tudor Oprea  
Los Alamos National Laboratory  $16,150  
Molecular Determinants and Inhibition of Protein-Protein Interactions

Daniel Ortega  
Iberdrola, S.A.  $86,857  
UNM-Iberdrola Collaboration Contract for the Elaboration of an Industrial Sponsored Project

Sudhakar Prasad/Frank Gilfeather  
Defense Advanced Research Projects Agency  $88,875  
Predictive Modeling, Visualization, and Data Reduction

Anil Prinja  
Los Alamos National Laboratory  $63,000  
Computational Methods for Radiation Transport on Stochastic Geometries

Mahmoud Reda Taha/Greg Mann/Arup K. Maji  
Defense Threat Reduction Agency  $277,058  
Distance Learning Courseware

Thomas Sigmon  
Los Alamos National Laboratory  $32,500  
Experimental and Theoretical Investigations of the Dependence of Electron/Hole Spin Dynamics and Transport on Specific Alloy Composition in the Ga1-x(mn,Cr)xAs/GaAs System

Herbert Tanner  
Los Alamos National Laboratory  $72,000  
Bayesian 3D Radiation Mapping with Distributed Sensors

Taro Ueki  
Los Alamos National Laboratory  $25,000  
Principal Components and Kolmogorov Complexity in Nuclear Reactor Simulations

Tim J. Ward  
U.S. Fish & Wildlife Service/Department of the Interior  $5,000  
Support for the Middle Rio Grande Collaborative Program Symposium

David Whitten/Frank Gilfeather/Gabriel P. Lopez  
Defense Threat Reduction Agency  $255,000  
Workshop and Developmental Roadmap on Advanced Biotechnology

Terry Yates/Frank Gilfeather  
Defense Advanced Research Projects Agency  $553,888  
Predictive Modeling, Visualization and Data Reduction

Terry Yates  
MIND Institute  $8,575  
300—MEG Research, UNM Main

Terry Yates  
MIND Institute  $6,625  
450—MIND MR Research

Terry Yates  
MIND Institute  $9,700  
453—MIND HFMRS Consortium

Terry Yates  
MIND Institute  $30,600  
400—MIND Neuroscience Research

Center on Alcohol, Substance Abuse, and Addictions

Catherine Baca  
NIH  $154,702  
Primary Care Intervention for Alcohol Problems

Michael Bogenschutz7  
National Institute on Drug Abuse/NH/DHHS  $2,360,754  
Clinical Trials Network

Philip May8/Jerome Romero  
NM Department of Health  $125,484  
Statewide FAS/ARBD Prevention Program for NM

Philip May8/Tassy Parker  
National Institute on Alcohol Abuse and Alcoholism/NH/DHHS  $265,484  
Trial of FAS Prevention and Diagnosis Among Indians

Philip May8  
National Institute on Alcohol Abuse and Alcoholism/NH/DHHS  $312,827  
International Neuropsychologial Study of FASD

Philip May8  
National Institute of Mental Health/NH/DHHS  $273,666  
New Mexico Access to Research Careers in Mental Health

Philip May8  
National Institute on Alcohol Abuse and Alcoholism/NH/DHHS  $1,422,828  
A Trial of FAS Prevention in American Indian Communities

Robert Meyers8  
Ohio State University  $35,279  
Treatment Outcome with Runaway Adolescents II

William Miller7  
National Institute on Drug Abuse/NH/DHHS  $801,391  
Clinical Trials Network: New Mexico Node

Jerome Romero  
NM Department of Health  $20,000  
(State of New Mexico Behavioral Services Division)  
Component 23 Outreach Services
John Steiner/Jill Anne
Sangre de Cristo Community Health Partnership $30,000
Healthy Lifeways

Scott Tonigan
National Institute on Alcohol Abuse and Alcoholism/NIH/ DHHS $114,834
Change Mechanisms in AA

Scott Tonigan
Research Triangle Institute $20,141
COMBINE Economic Study

Scott Tonigan
National Institute on Alcohol Abuse and Alcoholism/NIH/ DHHS $396,628
A Transtheoretical Model of AA-Related Behavior Change

Kamilla Venner
National Institute on Alcohol Abuse and
Alcoholism/NIH/DHHS $134,474
Culturally-Appropriate Treatment for Native Americans

Miguel Villanueva
National Institute on Drug Abuse/NIH/DHHS $119,193
Zuni Pueblo Veteran Project

W. Gill Woodall3
National Institute on Alcohol Abuse and
Alcoholism/NIH/DHHS $518,531
Website Prevention of College Binge Drinking

W. Gill Woodall3
National Institute on Alcohol Abuse and
Alcoholism/NIH/DHHS $448,521
Web-based Responsible Beverage Service Training

W. Gill Woodall3
Pacific Institute for Research and Evaluation $58,312
ALERT

Jill Anne Yeagley
NM Traffic Safety Bureau $54,600
Campus DWI Prevention

Jill Anne Yeagley
NM Department of Health $27,556
TUPAC

Jill Anne Yeagley
NM Department of Health $87,500
Higher Education Prevention Coalition

Center for High Technology Materials
Steven Brueck4, 6
Sandia National Laboratories $60,000
Growth of Direct Patterned Quantum Dots

Steven Brueck4, 6
Air Force Office of Scientific Research $150,000
Optoelectronics Research Center

Steven Brueck4, 6
Cornell University $600,000
National Nanotechnology Information Network (NNIN)

Steven Brueck4, 6
Cornell University $300,000
National Nanotechnology Information Network (NNIN)

Steven Brueck4, 6
Sandia National Laboratories $30,000
Interferometric Lithography of Photonic Crystals

Steven Brueck4, 6
National Science Foundation $141,950
Tunable IR Lasers for Gas-Phase Sensing

Steven Brueck4, 6
National Science Foundation $68,000
Chip-Scale Nanofluidics for Chemical and Biological
Separation and Sensing

Steven Brueck4, 6
Lockheed Martin Corporation $209,332
High Operating Temperature Mid-Wave Infrared Focal Plane
Arrays (HOT MWIR)

Steven Brueck4, 6
Lockheed Martin Corporation $275,668
High Operating Temperature Mid-Wave Infrared Focal Plane
Arrays (HOT MWIR)

Steven Brueck4, 6
Air Force Research Laboratory $45,836
IPA for Stanley Peplinski

Steven Brueck4, 6
Air Force Office of Scientific Research $600,000
Optoelectronics Research Center

Steven Brueck4, 6
Air Force Research Laboratory $282,835
IPA for Thomas Shay

Ralph Dawson
Sandia National Laboratories $40,000
MBE Growth of MidIR Detector Structures

Jean-Claude Diels4, 6
University of Colorado $20,000
Stabilize Femtosecond Lasers

Jean-Claude Diels4, 6
University of Colorado $70,000
Stabilize Femtosecond Lasers
Jean-Claude Diels
National Science Foundation $240,000
Intracavity Sensors and Spectroscopy with Mode-Locked Lasers

Sang Han
National Science Foundation $50,000
NIRT: Fundamental Understanding of Nanofluidics for Advanced Bioseparation and Analysis

Sang Han
Dynacs Military and Defense Industries, Inc. $150,000
Growing High-Quality Germanium on Silicon for Multi-Junction Solar Cells in Satellites

Diana Huffaker
Air Force Office of Scientific Research $20,000
HBCU/MI-Coupled Quantum Dots and Photonic Crystals for Nanophotonic Devices

Diana Huffaker
Clemson University $200,000
Laboratory for Advanced Photonic Composites

Diana Huffaker
Air Force Office of Scientific Research $65,000
Seed Project: Materials and Integration Issues: Monolithic Sb-Based Light Emitters with Si Circuitry

Diana Huffaker
Air Force Office of Scientific Research $66,000
Millimeter Wave Modulators Using Quantum Dots

Diana Huffaker
Air Force Office of Scientific Research $66,000
III-V Quantum Dot Solar Cells

Naz Islam
Air Force Office of Scientific Research $59,612
Model Development and Verification of the CRIPTE Code for Electromagnetic Coupling

Ravinder Jain
Army Research Office $109,000
Instrumentation for DoD-Relevant Research and Education on Nonlinear Optics in Novel Quantum Dot Materials

Sanjay Krishna
Air Force Office of Scientific Research $36,664
Polarimeter in a Pixel

Sanjay Krishna/Majeed Hayat/Scott Tyo
National Science Foundation $152,970
Spectrally Adaptive Infrared Photodectors for MASINT Applications

Sanjay Krishna/Kevin Malloy
BAE Systems $75,000
Advanced Sensors

Sanjay Krishna
Missile Defense Agency $300,000
GaAs-Based Mid Wave Infrared Semiconductor Lasers

Sanjay Krishna
Army Research Office $120,000
Spectrally Adaptive Nanoscale Quantum Dot Sensors

Sanjay Krishna
Lockheed Martin Corporation $393,466
High Operating Temperature Mid-Wave Infrared Focal Plane Arrays (HOT MWIR)

Luke Lester
Air Force Office of Scientific Research $67,500
Quantum Dot Mode-Locked Lasers

Luke Lester
Air Force Research Laboratory $40,000
High-Power Quantum Dot Mode-Locked Lasers

Luke Lester
BAE Systems $85,000
Advanced Sensors

Kevin Malloy
BAE Systems $115,000
Advanced Sensors

Marek Osinski
National Science Foundation $240,000
Dispersion and Optical Drag Effects in Rotating Semiconductor Ring Lasers

Paul Schwoebel
Sandia National Laboratories $145,000
An Advanced Neutron Generator for Field-Based Active Neutron Interrogation Systems

Center for Micro-Engineered Materials
Plamen Atanasov
Army Research Office $200,000
Thermal Analysis and Particle Size Characterization Laboratory

Plamen Atanasov
Honeywell Corporation $68,300
Catalysts and Membrane Electrode Assemblies for Direct Methanol Fuel Cells

Plamen Atanasov
Toyota Technical Center, USA, Inc. $50,000
CCMC Membership

C. Jeffrey Brinker
Department of Energy $167,000
Novel Transport of Porous and Composite Nanostructures
C. Jeffrey Brinker$^{1}$  
Department of Energy  $294,000  
Novel Dual-Functional Membrane for Controlling Carbon Dioxide Emissions from Fossil Fuel Power Plants

C. Jeffrey Brinker$^{1}$  
Air Force Office of Scientific Research  $150,000  
Biocompatible and Biomimetic Self-Assembly of Functional Nanostructures

C. Jeffrey Brinker$^{1}$  
Luna Innovations, Inc.  $29,999  
Ultrahydrophobic Coatings

C. Jeffrey Brinker$^{1}$  
University of Illinois at Urbana-Champaign  $149,882  
National Center for Design of Biomimetic Nanoconductors

Sivakumar Challa  
Sandia National Laboratories  $50,000  
Molecular Modeling of Interfacial Phenomena

Sivakumar Challa  
Sandia National Laboratories  $149,788  
Porphyrin-Based Nanomaterials Synthesis, Characterization and Modeling

Min Chen$^{1}$  
Sandia National Laboratories  $150,000  
Self-Assembled Nanocomposite Coatings

Abhaya Datye$^{1}$  
Thermagon, Inc.  $10,000  
CMEM Membership

Abhaya Datye$^{1}$  
Companhia Brasileira de Metalurgia e Mineracao  $35,000  
CCMC Membership

Abhaya Datye$^{1}$  
Sandia National Laboratories  $15,000  
Characterization of Self-Assembled Materials

Abhaya Datye$^{1}$  
National Science Foundation  $100,000  
REU Site in Microengineered Materials

Abhaya Datye$^{1}$  
Toyota Technical Center, USA, Inc.  $35,000  
CCMC Membership

Abhaya Datye$^{1}$  
Cabot Superior MicroPowders  $35,000  
CCMC Membership

Abhaya Datye$^{1}$  
Sandia National Laboratories  $1,620  
SEM Training and Usage

Abhaya Datye$^{1}$  
Intel  $85,000  
CCMC Membership

Abhaya Datye$^{1}$  
Sandia National Laboratories  $27,382  
Superhydrophobic Coatings

Abhaya Datye$^{1}$  
National Science Foundation  $80,000  
Ceramic and Composite Materials Center

Abhaya Datye$^{1}$  
National Science Foundation  $214,999  
GOALI—Fundamental Studies of Heterogeneous Catalyst Sintering

Abhaya Datye$^{1}$  
Department of Energy  $243,000  
Nanostructured Catalysts for Hydrogen Generation from Renewable Feedstocks

Abhaya Datye$^{1}$  
Ferro  $17,500  
CMEM Membership

Ronald Loehman$^{1}$  
Sandia National Laboratories  $24,900  
R&D Support for Ceramic Research

Jiebin Pang$^{1}$  
Imperial Chemical Industries PLC  $300,000  
New Chemistry and Physics in Non-Contract Printing

Timothy Ward$^{1}$  
MesoFuel, Inc.  $10,000  
CCMC Membership

George Xomeritakis  
Sandia National Laboratories  $24,000  
Interfacial Water

**Industrial Security Department**  
Gregory Hallstrom  
Air Force Research Laboratory  $5,904  
HEL-JTO Security Support

**Institute for Applied Research Service:**  
**Bureau of Business and Economic Research & Division of Government Research**  
James Davis  
NM Traffic Safety Bureau  $36,000  
Traffic Safety Problem Identification
James Davis
NM Administrative Office of the New Mexico Courts $10,000
DWI Data Analysis for Court Data

James Davis
NM Traffic Safety Bureau $473,400
Traffic Safety Problem Identification

James Davis
Cambridge Systematics, Inc. $5,000
NM Comprehensive Transportation Safety Plan

James Davis
Cambridge Systematics, Inc. $7,000
NM Comprehensive Transportation Safety Plan

James Davis
Albuquerque Police Department $9,000
Albuquerque Traffic Records

James Davis
NM Taxation and Revenue Department $9,000
Administrative Hearing Data Analysis

James Davis/Bich-Hanh Nguyen
Carfax, Inc. $2,740
NMDOT 2004 Crash Files

Larry Layne
NM Health Policy Commission $1,500
Data Installation for HIDD

Jeffrey Mitchel
Department of Agriculture $25,000
Socio-Economic Assessment of National Forest and Grasslands in the New Mexico Region

Jeffrey Mitchel
NM Economic Development Dept. $80,000
Mainstreet Program—Economic Restructuring Market Analysis

Lee Reynis
NM Department of Finance & Administration $86,870
State and Regional Forecasting Services

Lee Reynis
City of Santa Fe $98,000
Santa Fe Living Wage Study: Phase II

Lee Reynis
Universal Technology Corporation $28,892
UNM Research Financial Support to AFRL—Space Vehicles Directorate

Lee Reynis
Historic Hotel, LLC $7,600
Economic Impact of La Posada Renovation

New Mexico Science Fair
Karen Kinsman
Intel Foundation $10,500
NWNM Regional Science and Engineering Fair

SW Hispanic Research Institute
Margaret Montoya/Manuel Garcia y Griego
Albuquerque Public Schools $500,000
ENLACE—Albuquerque Family Centers

VICE PRESIDENT FOR STUDENT AFFAIRS
Tim Gutierrez
LA Works $65,000
LA Works—UNM College Prep Program

Tim Gutierrez
HUB Cities Consortium $39,000
UNM College Prep Program—HUB 2005

Tim Gutierrez
Department of the Air Force $47,784
US Air Force JROTC Honors Program

Tim Gutierrez/Deborah Baness
Department of the Air Force $26,657
Honors Camp 1

Tim Gutierrez/Deborah Baness
Department of the Air Force $26,657
Honors Camp 2

Tim Gutierrez
HUB Cities Consortium $39,000
UNM College Prep Program

Tim Gutierrez
LA Works $65,000
LA Works/UNM College Prep Program
**Financial Aid**

- **Ron Martinez**  
  U.S. Department of Education  $23,071,658  
  PELL

- **Ron Martinez**  
  U.S. Department of Education  $3,314,713  
  Work Study

- **Ron Martinez**  
  U.S. Department of Education  $1,022,351  
  SEOG

- **Ron Martinez**  
  State of New Mexico  $2,706,741  
  Work Study

- **Ron Martinez**  
  State of New Mexico  $3,200,166  
  SSIG

- **Ron Martinez**  
  State of New Mexico  $18,983,232  
  State Lottery/Success Scholarship

**Special Programs**

- **Tim Gutierrez**  
  Department of Education  $7,000  
  High School Equivalency Program (HEP)

- **Tim Gutierrez**  
  Department of Education  $231,490  
  High School Equivalency Program (HEP)

- **Tim Gutierrez**  
  Department of Education  $232,521  
  College Assistance Migrant Program (CAMP)

- **Tim Gutierrez**  
  Department of Education  $220,427  
  Ronald E. McNair Post-Baccalaureate Achievement

- **Tim Gutierrez**  
  Department of Education  $204,000  
  Educational Opportunity Center

- **Tim Gutierrez**  
  Department of Education  $235,689  
  Student Support Services

- **Tim Gutierrez**  
  Department of Education  $431,068  
  UNM Upward Bound

- **Michael Morris**  
  Corporation for National and Community Service  $24,000  
  The UNM Service Corps

- **Eliseo Torres**  
  Department of Agriculture  $14,140  
  Nutritional/Medicinal Product Sharing Between Communities in Mexico and U.S.

**Student Health Center**

- **Shirlee James-Johnson**  
  McFarland & Associates, Inc.  $63,175.00  
  HIV Substance Abuse Prevention Among American Indians

**UNM Children's Campus for Early Care and Education**

- **Elena Aguirre**  
  NM Children, Youth and Family Department  $127,613  
  Pre-Kindergarten Initiative

- **Elena Aguirre**  
  NM Children, Youth and Family Department  $147,504  
  Pre-Kindergarten Initiative

- **Elena Aguirre**  
  Department of Education  $248,763  
  Child Care Access Means Parents in School Program