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# Contract and Grant Awards Fiscal Year 2006

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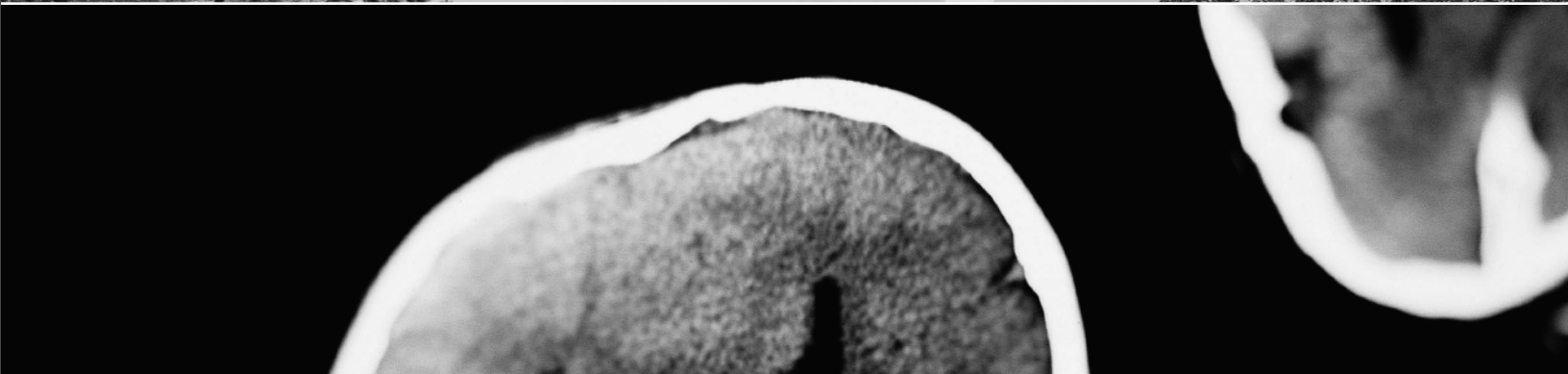
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The University of New Mexico  
Office of the Vice President for Research and Economic Development



CONTRACT AND GRANT AWARDS fiscal year 2006





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# MESSAGE

## From the Vice President for Research and Economic Development

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.

A handwritten signature in black ink that reads "Terry L. Yates". The signature is written in a cursive, flowing style.

Terry L. Yates  
Vice President for Research and Economic Development

# STATISTICS SUMMARY

## Contract and Grant Awards and Funding Sources FY06

Table 1a

<u>Total C&amp;G Awards</u>	<u>Percentage of Total C&amp;G Awards</u>
Total C&G Awards: UNM	\$298.6M
Total C&G Awards: Main Campus	\$165.4M (55%)
Total C&G Awards: HSC	\$133.2M (45%)

Table 1b

<u>Source of C&amp;G Awards (UNM)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$298.6M]
Foundations	2%
Federal	59%
Industry	6%
National Laboratories	2%
State of New Mexico	20%
Other	11%

Table 1c

<u>Source of C&amp;G Awards (Main Campus)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$165.4M]
Foundations	1%
Federal	60%
Industry	4%
National Laboratories	4%
State of New Mexico	22%
Other	9%

Table 1d

<u>Source of C&amp;G Awards (HSC)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$133.2M]
Foundations	2%
Federal	57%
Industry	9%
National Laboratories	<1%
State of New Mexico	18%
Other	14%

# SUPERSCRIPT

## 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

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## COLLEGES AND SCHOOLS

### 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

Suleiman Kassicieh  
Kauffman (Ewing Marion) Foundation \$30,000  
Surrogate Entrepreneurship

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

Andres Salazar  
National Collegiate Inventors and Innovators Alliance  
\$2,500  
Invention to Venture

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  
Santa Fe Institute \$328,067  
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 Austronesian 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*

Coenraad Adema  
University of Wyoming \$3,000  
Parasite Infection Status of *Potamopyrgus antipodarum*

Christopher Allen  
National Institute of General Medical Sciences/NIH/DHHS  
\$48,296  
Defining Emergence from Stationary Phase in Yeast-Year 2

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 Drago/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/DHHS  
\$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 Piñon-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  
National Science Foundation \$119,999  
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 (*Notropis simus pecocosensis*)

Thomas Turner/Wade Wilson  
National Science Foundation \$11,958  
Local Adaptation and Gene Flow in a Fragmented Host  
System: *Crepidostomum farionis* (Digenea) and  
*Oncorhynchus clarki virginalis* (Salmonidae) in NM

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 Science Foundation \$1,346,455  
Network Office of the US Long Term Ecological Research  
Network

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

Martin Kirk  
Los Alamos National Laboratory \$105,000  
Unusual Metal-Ligand Redox Interplay in 4f-Element  
Metallocene-Based Molecular Magnetic Materials

Martin Kirk  
Ohio State University \$75,000  
Mechanism and Inhibition of S-ribosylhomocysteine  
(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 CFo(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  
Distribution, Origins and Parent Body Processing of  
Carbonaceous Material in Chondritic Meteorites: Insights  
From In-Situ Characterization Using Energy Filtered  
Transmission Electron Microscopy

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: CO<sub>2</sub> 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

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

## 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

Stanley Morain  
NASA–Washington \$700,000  
Converging NASA Mission Measurements and Products with  
the Rapid Syndrome Validation Project (RSVP)

## Economics

Robert Berrens/Michael McKee  
Forest Service \$49,998  
A Research Agenda for Understanding Behavioral and  
Economic Responses to Forest Restoration Programs in the  
Southwest

Robert Berrens  
Forest Service/Department of Agriculture \$195,000  
Attitudes, Beliefs, and Values Towards National Forests and  
National Forest Management

Robert Berrens  
Forest Service/Department of Agriculture \$12,000  
Economic Analysis in Support of National Forest Planning

David Brookshire  
University of Arizona \$132,830  
Sustainability of Water Resources in Semi-Arid Regions

David Brookshire  
Sandia National Laboratories \$101,445  
Decision Support Modeling to Aid in Design of Water Banks  
for New Mexico

Janie Chermak/David S. Brookshire  
Sandia National Laboratories \$100,000  
Fully Integrated System Dynamics Toolbox for Water  
Resources Planning

Janie Chermak  
Department of Agriculture \$200,000  
Strategic Behavior, Informational Asymmetries, and Spatial  
Variations in Invasive Species Management on Ranching  
Lands: An Evaluation of Incentives for Russian Kanweed  
and Yellow Starthistle

Jennifer Thacher  
NM Water Resources Research Institute \$10,000  
Predicting Land Use Change and its Effect on Nonpoint  
Source Pollution

## English

Janet Yagoda-Shagam/Diana E. Northup  
Lockheed Martin Corporation \$5,000  
Communicating Science

## Geography

Olen Matthews  
National Geographic Society \$49,920  
New Mexico Geographic Alliance Infusion Network (GAIN)

## Institute for American Indian Research

Joanne McCloskey  
Southwestern Indian Polytechnic Institute \$15,000  
Developing a Health Curriculum at SIPI

## Institute for Medieval Studies

Timothy Graham  
NM Endowment for the Humanities \$7,702  
Spring Lecture Series 2006–Medieval Innovations: How the  
Middle Ages Changed the Western World

## Institute of Meteoritics

Carl Agee/David Draper  
NASA–Washington \$100,000  
Experimental Studies of Planetary Magmas at High Pressure

Carl Agee  
National Science Foundation \$165,275  
Static Compression of Hydrous Silicate Liquids

Carl Agee  
NASA–Houston \$24,000  
Graduate Student Research Program for An Isotopic Study of  
Lunar Mg-suite Rocks: Application of Sm-Nd, Rb-Sr, and U-  
Pb Techniques

Lars Borg  
NASA–Houston \$280,000  
Geochronology of Planetary Materials: A Petrologic  
Approach

Barbara Cohen  
NASA–Washington \$42,000  
Using Geochemistry and  $^{40}\text{Ar}$ - $^{39}\text{Ar}$  Geochronology of  
Granulitic Clasts in Lunar Meteorites to Constrain Lunar  
Bombardment

Barbara Cohen  
NASA–Washington \$42,000  
Using Geochemistry and  $^{40}\text{Ar}$ - $^{39}\text{Ar}$  Geochronology of  
Granulitic Clasts in Lunar Meteorites to Constrain Lunar  
Bombardment

Barbara Cohen  
Jet Propulsion Lab \$118,876  
Investigating the Nature and Origins of Martian Impact  
Material with the Mars Exploration Rovers

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 \$6,675  
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  
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

Deborah Sulsky/Howard L. Schreyer  
Northwest Research Associates \$85,000  
Oriented Fracture Patterns and Frazil/Pancake Ice Formation:  
A New Basin Scale Model of Sea Ice Dynamics

## **Maxwell Museum of Anthropology**

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

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

## **Office of Contract Archeology**

Richard Chapman/William Doleman  
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 for  
Arsenic 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

## **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

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

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  
Applied Research Association, Inc. \$19,247  
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/Amelia 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

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

Molly McCoy Brack  
NM Department of Health \$212,000  
Agora Crisis Line

Jane Ellen Smith  
Veterans Administration Medical Center \$15,322  
.50 FTE Funding for Psychology Student Monica Stump

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 on 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  
Sandia National Laboratories \$3,040  
Magnetically Driven Quasi-Spherical Implosions

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

*See also: Center for Micro-Engineered Materials*

## 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 Photonic 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  
Department of Energy \$162,000  
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

Marios Pattichis  
Orion International Technologies, Inc. \$20,000  
Signal and Image Processing for Modeling and Simulation in  
Biomedical Applications

Andres Salazar/Chaouki Abdallah  
Avistar, Inc. \$4,000  
Battery Technology for Vehicle Power

Balu Santhanam  
Miratek Corporation \$116,395  
Low Cost DRFM System Development

Balu Santhanam/Majeed Hayat  
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 Vadiie  
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*

## **Engineering Student Programs**

Ursula Bowie  
NM State University \$50,000  
Indian Resource Development

## **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 Superhydrophobic  
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**

Carlton 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

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

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

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

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

Suellyn 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

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

Catherine McClain  
 NM Commission for Deaf & Hard of Hearing Persons \$24,999  
 Supporting Deaf and Hard of Hearing Persons at the SW Disability Conference

Catherine McClain  
 NM Governor's Commission on Disability \$59,387  
 Health and Wellness for People with Disabilities

Catherine McClain  
 Utah State University \$115,621  
 Indian Children's Program

Catherine McClain  
 Utah State University \$163,805  
 Indian Children's Program

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

Catherine McClain  
 HRSA-Maternal and Child Health Bureau \$465,000  
 New Mexico LEND Program

Catherine McClain  
 New Mexico Department of Health \$6,249  
 Deaf-Blind Match

Catherine McClain  
 New Mexico Department of Health \$912,000  
 Early Childhood Evaluation Program

Catherine McClain  
 New Mexico Department of Health \$104,898  
 Early Childhood Network

Catherine McClain  
 New Mexico Department of Health \$67,047  
 Family and Community Education in ASD

Catherine McClain  
 New Mexico Department of Health \$23,115  
 New Mexico SAFE Program

Catherine McClain  
 New Mexico Department of Health \$34,500  
 Project Set

Catherine McClain  
 New Mexico Department of Health \$40,749  
 Self Directed Family Support Program

Catherine McClain  
 New Mexico Public Education Department \$150,000  
 Early Childhood Evaluation Program, Part B

Catherine McClain  
 New Mexico Public Education Department \$207,750  
 Early Childhood Evaluation Program, Part C

Catherine McClain  
 Utah State University \$59,283  
 Indian Children's Program

Patricia L. Osbourn  
 New Mexico Public Education Department \$32,500  
 Deaf-Blind PED

Patricia L. Osbourn  
 New Mexico Public Education Department \$138,000  
 Project SET PED

Patricia L. Osbourn  
 Tularosa Municipal Schools \$52,362  
 Tularosa Municipal Schools

Patricia L. Osbourn  
 US Department of Education \$100,912  
 Project for New Mexico Children and Youth Who Are Deaf/Blind

## **Center for Health Promotion and Disease Prevention**

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$51,510  
 Evaluation of NM Cancer Plan

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$70,853  
 Evaluation of NM Cancer Plan

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$22,000  
 Evaluation of NM Comprehensive Cancer Plan

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$78,500  
 Evaluation of NM Cancer Plan

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$15,000  
 Obesity, Arthritis and Osteoporosis Programs (OAO)

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$20,000  
 OPAN

Leslie Cunningham-Sabo  
 New Mexico Department of Health \$29,552  
 OPAN

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 \$34,437  
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  
Kesselman \$14,973  
SHEI

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  
\$1,890,737  
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

Michael Richards  
New Mexico Department of Health \$915,246  
State EMS/BHPP Medical Director, Preparedness and Trauma  
Assistance; Telemedicine Capability

Diane Rimple  
New Mexico Public Safety Department \$58,506  
EMS NM DPS Urban Search and Rescue

Robert E. Sapien  
HRSA-Maternal and Child Health Bureau \$200,000  
EMSC 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'nizhoozhi 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	Arthur Kaufman Albuquerque Technical and Vocational Institution \$26,626 Central NM Community College (TVI) Student Health Center
Bonnie M. Duran Navajo Nation \$153,737 Navajo Nation STD Screening Project (NNSSP)	Arthur Kaufman Albuquerque Technical and Vocational Institution \$25,359 TVI Student Health Services PSA
Deborah Helitzer DHHS–Centers for Disease Control and Prevention \$375,559 Computerized Risk Assessment in an Employee Population	Arthur Kaufman HRSA–Health Resources and Services Administration \$268,673 Academic Administrative Units in Primary Care
Deborah Helitzer New Mexico Department of Health \$20,813 Evaluation of Abstinence Programs	John A. Leggott Albuquerque Public Schools \$69,000 APS School-Based Health Center
Deborah Helitzer New Mexico Medical Society \$4,600 Colorectal Cancer Screening Provider Survey	John A. Leggott New Mexico Department of Health \$34,874 Albuquerque School-Based Health Centers
Deborah Helitzer NIH–National Institute of Child Health & Human Services \$62,591 Testing a Video to Improve Provider–Patient Interaction	John A. Leggott New Mexico Department of Health \$75,005 Albuquerque School-Based Health Centers
Deborah Helitzer University of Texas at Tyler \$99,225 Navajo Nation Evaluation	John A. Leggott New Mexico Department of Health \$60,000 RFK Charter School
Deborah Helitzer New Mexico Department of Health \$60,194 Abstinence Education Evaluation	John A. Leggott New Mexico Department of Health \$85,000 Roosevelt Middle School
Deborah Helitzer New Mexico Department of Health \$79,500 Evaluation of Abstinence Programs	John A. Leggott New Mexico Department of Health \$79,500 Roosevelt Middle School School-Based Health Center Project
Deborah Helitzer Sandoval County \$30,000 Sandoval County Evaluation	John A. Leggott New Mexico Department of Health \$43,369 Albuquerque School-Based Health Centers Projects
Nikki Katalanos National Institutes of Health \$151,661 Physician Assistant Training in Primary Care	John A. Leggott New Mexico Department of Health \$9,092 Office of School Health
Arthur Kaufman American Association of Medical Colleges (AAMC) \$50,000 Regional Public Health–Medicine Educational Center	John A. Leggott New Mexico Department of Health \$50,880 RFK Charter School School-Based Health Center Project
Arthur Kaufman Molina Healthcare of New Mexico \$76,800 Molina/Community Access Program	Toby B. Palley HRSA–Health Resources and Services Administration \$205,988 Predoctoral Training in Primary Care
Arthur Kaufman Coordinated Systems of Care Community Access Program \$130,985 24–Hour Statewide Health Advice Line	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

Sanjeev Arora  
DHHS-Agency for Healthcare Research & Quality \$481,506  
Project ECHO Extension for Community Healthcare  
Outcomes

Sanjeev Arora  
Exagen Corp. \$7,386  
Clinical Trial

Sanjeev Arora  
Intermune \$27,579  
Clinical Trial

Sanjeev Arora  
New Mexico Department of Health \$1,530,000  
Hepatitis C Project

Sanjeev Arora  
New Mexico Department of Health \$1,210,000  
Project ECHO-HEP C Initiative of Comprehensive Healthcare  
and Prevention Services

Sanjeev Arora  
Roche Laboratories \$25,000  
ECHO Project CME

Sanjeev Arora  
Roche Pharmaceuticals, Inc. \$20,000  
Hepatitis C Treatment in Department of Corrections  
Environment

Sanjeev Arora  
Idenix Pharmaceuticals \$111,119  
Clinical Trial

Sanjeev Arora  
Duke University \$161,547  
Clinical Trial

Sanjeev Arora  
Exagen Corp. \$587,208  
Research Agreement

Arthur D. Bankhurst  
Wyeth Pharmaceuticals \$62,390  
Clinical Trial

Arthur D. Bankhurst  
Amgen \$10,000  
5th Annual NM Rheumatic Disease Meeting

Arthur D. Bankhurst  
Amgen \$5,000  
Fourth Annual NM Rheumatic Disease Meeting

Arthur D. Bankhurst  
Tap Pharmaceutical Products \$12,810  
5th Annual New Mexico Rheumatic Disease Society Meeting

Arthur D. Bankhurst  
Hoffman La-Roche \$1,070,406  
Clinical Trial

Edgar Boedeker  
State University of New York at Buffalo \$49,947  
Effect of Zinc in Enteropathogenic E. coli Infection

Edgar Boedeker  
University of Texas Southwestern \$50,000  
Quorum Sensing Regulation of EHEC Virulence Genes

Edgar Boedeker  
Veterans Administration Medical Center \$176,529  
IPA for Chengru Zhu

Scott W. Burchiel  
NIH-National Institute of Environmental Health \$1,223,054  
New Mexico NIEHS Center

Mark R. Burge  
National Institutes of Health \$275,373  
The Effect of Ethanol on Overnight Glucose Regulation in  
Type 2 Diabetes Mellitus

Richard E. Crowell  
Lovelace Respiratory Research Institute \$229,066  
Risk Factors for Epigenetic Silencing of Lung Cancer Genes

Walter B. Forman  
Heritage Home Health Care \$30,000  
Medical Director Services

Walter B. Forman  
Laguna Pueblo School \$16,341  
Medical Director Services

David Garcia  
Bristol-Myers Squibb \$52,824  
Clinical Trial

Philip J. Garry  
Centre Hospitalier Universitaire de Toulouse \$9,638  
Data Analysis in the NM Aging Process Study

Melissa Gonzales  
NIH-National Institute of Environmental Health \$104,494  
Gene-Environment Cancer Risks in Melanoma

Carla J. Herman  
DHHS-Indian Health Service \$12,048  
Summer Diabetes Institute

Carla J. Herman  
Donald W. Reynolds Foundation \$499,989  
New Mexico Geriatric Training Grant-Year 3

Carla J. Herman  
NIH—National Institute of Diabetes and Digestive and Kidney Diseases \$335,488  
Family Centered Diabetes Project

Carla J. Herman  
Paloma Blanca Health and Rehabilitation \$33,841  
Medical Director

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

Patricia L. Kapsner  
Novo Nordisk Pharmaceuticals \$4,000  
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 \$895,759  
Hantavirus Ecology and Disease in Chile/Panama

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

Pope L. Moseley  
Veterans Administration Medical Center \$613,000  
VA Contract for Interventionalist Cardiologist

Karen B. Mulloy  
DHHS—Centers for Disease Control and Prevention \$125,480  
Occupational Health Surveillance in New Mexico

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

Karen B. Mulloy  
Association for Occupational and Env. Health Clinics \$20,000  
Database Analysis

Karen B. Mulloy  
DHHS—Centers for Disease Control and Prevention \$122,806  
New Mexico Occupational Health Surveillance

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

Dominic Raj  
NIH–National Institute on Aging \$33,609  
Mitochondrial FX and mtDNA

Dominic Raj  
Amgen \$53,660  
Clinical Trial

Dominic Raj  
Novartis Pharmaceuticals \$47,425  
Clinical Trial

Mark Rohrscheib  
InLight Solutions, Inc. \$22,302  
Medical Director

Mark Rohrscheib  
InLight Solutions, Inc. \$54,008  
Development of a Noninvasive Arterial Blood Gas Monitor,  
Consultative Support

Mark Rohrscheib  
InLight Solutions, Inc. \$54,008  
Development of a Noninvasive Arterial Blood Gas Monitor,  
Consultative Support

David S. Schade  
Case Western Reserve University \$130,787  
Epidemiology of Diabetes Intervention and Complications

David S. Schade  
NIH-National Institute of Diabetes and Digestive and Kidney  
Diseases \$295,674  
Diabetes Prevention Program Outcomes Study (DPPOS)

Mark R. Schuyler  
Lovelace Respiratory Research Institute \$46,759  
Regulation of Mucous Cell Metaplasia in Asthma

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  
LRR 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 \$3,300  
Evaluating Delays in HIV Testing

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

Philip G. Zager  
NIH—National Institute of Diabetes and Digestive & Kidney  
Diseases \$300,876  
Genetics of Kidney Disease in Zuni Indians

## 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

Vojo Deretic  
The New York Community Trust \$78,000  
The Role of Rab22a in *Mycobacterium Tuberculosis*

Vojo Deretic  
Cystic Fibrosis Foundation \$37,600  
Increased TGF-beta in Cystic Fibrosis Respiratory Epithelial  
Cells

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

Larry E. Davis  
Biomedical Research Institute of New Mexico \$29,000  
Long-term Consequences of West Nile Virus Infection

Corey C. Ford  
Scirex Corporation \$8,345  
Clinical Trial

Corey C. Ford  
Acorda Therapeutics Inc. \$51,000  
Clinical Trial

Corey C. Ford  
Genentech Inc. \$208,440  
Clinical Trial

Corey C. Ford  
Protein Design Labs, Inc. \$217,502  
Clinical Trial

Corey C. Ford  
Teva Neurosciences LLC \$3,576  
Clinical Trial

Corey C. Ford  
Teva Neurosciences LLC \$45,992  
Clinical Trial

Corey C. Ford  
Teva Neurosciences LLC \$240,120  
Clinical Trial

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

Leslie Morrison  
Muscular Dystrophy Association \$12,000  
Pediatric MDA Clinics

Leslie Morrison  
New Mexico Department of Health \$44,000  
Children's Medical Services

Leslie Morrison  
New Mexico Department of Health \$54,000  
Children's Medical Services

Shingo Murakami  
NIH—National Institute of Neurological Disorders and Strokes  
\$30,000  
Computational Analysis of Genesis of ERP and ERF

Shingo Murakami  
NIH—National Institute of Neurological Disorders and Strokes  
\$6,620  
Computational Analysis of Genesis of ERP and ERF

Yoshio Okada  
National Institutes of Health \$284,528  
Physiological Bases of Magnetoencephalography

Yoshio Okada  
NIH—National Center for Research Resources \$2,175,103  
Integrative Program in CNS Pathophysiology Research

Surojit Paul  
NARSAD \$46,302  
Disruption of Fear Conditioning by STEP, a Striatal Enriched  
Phosphatase

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  
NIH—National Institute of Neurological Disorders and Stroke  
\$313,898  
Pathobiology of Vascular Cognitive Impairment

Gary A. Rosenberg  
National Institutes of Health \$27,722  
Inflammation and Apoptosis in Intracerebral Hemorrhage  
Fellowship grant for Mark L. Grossetete

Gary A. Rosenberg  
National Institutes of Health \$313,091  
Matrix Metalloproteinases and the Blood Brain Barrier

Jennifer Ann Vickers  
University of California Los Angeles \$17,450  
Clinical Trial

## Neurosciences

Kevin K. Caldwell  
Biomedical Research Institute of New Mexico \$34,453  
Salary Support for Rodrigo Paz from VA BRINM



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  
Metalloproteinase Regulation of Neuronal Death

Lee Anna Cunningham  
NIH—National Institute of Neurological Disorders and Stroke  
\$48,679  
Metalloproteinase 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

## **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

## **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

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

## Pathology

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  
Sandia National Laboratories \$30,000  
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

Robert D. Annett  
Oregon Research Institute \$28,108  
Transitional Treatment for Adolescents in Family Therapy

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

Carol 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 \$5,001  
Dysmorphology Outreach Clinics

Jami Frost  
Cephalon, Inc \$4,610  
Clinical Trial

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/CB \$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

Prasad Mathew  
CureSearch—National Childhood Cancer Foundation  
\$12,452  
Subcontract No. 12960 under Grant No. U10 CA98543-02

Prasad Mathew  
Genzyme Corporation \$72,660  
Clinical Trial

Prasad Mathew  
Hemophilia and Thrombosis Research Society \$15,100  
HTRS Registry

Prasad Mathew  
Research Triangle Institute \$13,200  
Second Multicenter Hemophilia Cohort Study

Prasad Mathew  
University of Colorado Health Sciences Center \$14,524  
Hemophilia Diagnostic and Treatment Centers Region VIII

Prasad Mathew  
University of Colorado Health Sciences Center \$26,879  
Prevention of the Complications of Hemophilia Through HTC's

Jane W. McGrath  
NM Pediatric Society \$31,979  
Service Agreement

Jane W. McGrath  
NM/DOH \$220,540  
School-Based Health Center Evaluation

Jane W. McGrath  
NM/HSD \$197,243  
Envision New Mexico: The Initiative for Child Health Care Quality

Renee Rita Ornelas  
NM/Crime Victims Reparation Commission \$23,000  
ACCESS—Adolescent Community Continuity Clinic for Education on Self Safety

Renee Rita Ornelas  
NM/DOH \$84,700  
Para Los Niños

Renee Rita Ornelas  
NM/DOH/IPEMSD \$338,800  
Para Los Niños

Elizabeth Perkett  
NM/DOH \$20,000  
Asthma Program Outreach Clinics District II-SF

Elizabeth Perkett  
NM/DOH/CMS \$75,000  
Children's Medical Services—Outreach Pulmonary Clinics

Victor C. Strasburger  
NM/DOH \$60,217  
Sequoyah Adolescent Treatment Center

Stuart S. Winter  
NM/DOH \$13,000  
2005 Camp Enchantment

Craig Wong  
Children's Hospital and Regional Medical Center (Seattle)  
\$31,220  
Clinical Trial

Craig Wong  
Children's Mercy Hospital \$20,881  
CKiD

Craig Wong  
Children's Mercy Hospital \$27,685  
Steering Committee for U01 DK066143-02

## 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

## **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. Cuttrel  
Albuquerque Healthcare for the Homeless Inc. \$33,728  
Dental Services

Gary W. Cuttrel  
Albuquerque Healthcare for the Homeless Inc. \$33,729  
Albuquerque Healthcare for the Homeless

Gary W. Cuttrel  
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

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

## **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



## COLLEGE OF PHARMACY

Blaine Benson  
HRSA—Health Resources and Services Administration  
\$114,686  
Enhancing Poison Center Services In New Mexico

Scott W Burchiel  
University of Texas \$228,612  
UTEP-UNM ARCH Grant

Donald A. Godwin  
HRSA-Health Resources and Services Administration  
\$593,535  
Scholarship for Disadvantaged Students

Laurie Hudson  
Environmental Protection Agency \$34,077  
Mitogen-Activated Protein Kinase Signaling Alterations and  
Functional Consequences of UV Irradiation and Arsenite

Laurie Hudson  
American Cancer Society \$27,833  
EGFR Activation of PEA3 and FOXM1 in Ovarian Cancer  
Invasion

Laurie Hudson  
Ohio State University \$18,386  
Modulators of EMT in Skin Carcinogenesis

Laurie Hudson  
NIH—National Cancer Institute \$285,188  
Activated EGF Receptor in Ovarian Cancer

Laurie Hudson  
Ohio State University \$15,000  
Modulators of EMT in Skin Carcinogenesis

Alexis L. Kaminsky  
Bernalillo County \$6,000  
Evaluation of the South Valley Partners for Environmental  
Justice

Alexis L. Kaminsky  
New Mexico Department of Health \$8,800  
Environmental Public Health Tracking Project Meta-  
Evaluation

Alexis L. Kaminsky  
Bernalillo County Environmental Health Depart \$6,000  
South Valley Partners for Environmental Justice

Alexis L. Kaminsky  
New Mexico Department of Health \$5,300  
Evaluation Framework for Environmental Public Health  
Tracking

Johnnye L. Lewis  
Cheyenne River Sioux Tribe \$80,265  
Environmental Justice On Cheyenne River Sioux

Johnnye L. Lewis  
New Mexico Environment Department \$16,046  
Best Management Practices to Protect Water Quality and  
Human Health from Water and Airborne Contaminants at  
Dairies in NM

Johnnye L. Lewis  
Rio Grande Community Development Corporation \$51,263  
South Valley Partners In Environmental Justice

Johnnye L. Lewis  
Cheyenne River Sioux Tribe \$88,630  
Environmental Justice on the Cheyenne River

Jim Ke Jian Liu  
National Institutes of Health \$346,558  
Oxidative Mechanism of Arsenic-Induced Carcinogenesis

Craig Marcus  
University of Washington \$81,788  
Integrated Environmental Health Middle School Project

Jeffrey Paul Norenberg  
Bioscan, Inc. \$300,000  
SPECT/CT Imaging Research

Jeffrey Paul Norenberg  
Los Alamos National Laboratory \$20,000  
Subcontract NO. 25395-001-05

Jeffrey Norenberg  
Los Alamos National Laboratory \$84,100  
Radiopharmaceutical Development of Estrogen Derivatives  
for Diagnostic Imaging

Amy Pai  
Shire Development, Inc. \$52,250  
Clinical Trial, Phase 2

Manjunath Prakash Pai  
Fujisawa Healthcare \$7,500  
Comparison of Candida Susceptibility to Micafungin

Manjunath Prakash Pai  
Society of Infectious Diseases Pharmacist \$20,000  
Antifungals Against Candida Endocarditis

John Pieper  
Veterans Administration Medical Center \$55,550  
Good Clinical Practices

John Pieper  
Veterans Administration Medical Center \$8,501  
VA Cooperative Studies Program

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

## 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

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

## BRANCH CAMPUSES AND EDUCATION CENTERS

### Gallup Branch

Carol Bartlett  
Department of Education \$235,683  
UNM-Gallup Student Support Services/TRiO

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

Charles Kaplan  
NM Public Education Department \$20,057  
NM Public School Facilities Authority Middle College Lease Payment Assistance

Charles Kaplan  
NM Public Education Department \$721,287  
Middle College High School State Equalization Grant

Christine Marlow  
NM Public Education Department \$171,240  
Education to Careers

Christine Marlow  
Lumina Foundation for Education \$400,000  
Achieving the Dream (AtD)

Elsie Sanchez  
NM Small Business Development Center \$7,500  
UNM-Gallup Small Business Development Center—State

Elsie Sanchez  
NM Small Business Development Center \$140,471  
UNM-Gallup Small Business Development Center—State

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 Career Technical 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 Kitrow  
NM Public Education Department \$281,401  
Adult Education Center—State

Rosa Auletta/Tina Newby/Tina Kitrow  
NM Public Education Department \$108,658  
Adult Education Center—Federal

Rosa Auletta  
NM Public Education Department \$55,000  
Adult Basic Education—EL/Civics

Rosa Auletta  
NM Commission on Higher Education \$44,614  
P-16 Professional Development Bachelor of Arts Degree  
Grant

Rosa Auletta/Tina Newby  
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 \$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	Ian Rabinowitz New Mexico Cancer Care Alliance \$24,500 Clinical Trial
Fa-Chyi Lee New Mexico Cancer Care Alliance \$18,750 Clinical Trial	Ian Rabinowitz Southwest Oncology Group \$27,500 Purchase Service Agreement
Fa-Chyi Lee NM Alliance for Mental Illness \$125,515 Clinical Trial	Melanie E. Royce GlaxoSmithKline \$33,590 Clinical Trial
Fa-Chyi Lee New Mexico Cancer Care Alliance \$18,270 Clinical Trial	Melanie E. Royce New Mexico Cancer Care Alliance \$40,000 Clinical Trial
Aroop Mangalik NSABP Foundation \$9,000 Clinical Trial	Melanie E. Royce Baylor College of Medicine \$20,000 Clinical Trial
Aroop Mangalik NSABP Foundation \$40,000 Clinical Trial	Larry A. Sklar NIH–National Institute of Mental Health \$1,997,161 NM Molecular Libraries Screening Center
Aroop Mangalik NSABP Foundation \$8,400 Clinical Trial	Larry A. Sklar University of Virginia \$39,999 Cell Migration Consortium-Subproject: CMMA
Janet M. Oliver NIH–National Institute of General Medical Science \$245,527 Center for Spatiotemporal Modeling of Cell Signaling	Larry A. Sklar National Institutes of Health \$31,250 NM Molecular Libraries Screening Center-Outreach Program
Janet M. Oliver Sandia National Laboratories \$21,185 Extraction of Kinetic Information from Image Data	Larry A. Sklar Keck (W.M.) Foundation \$1,030,000 A Multidisciplinary Core Facility for Pre-Clinical Imaging and Diagnostics
Janet M. Oliver Sandia National Laboratories \$110,000 Fluorescent Ceramic Nanoprobes	Anthony Y. Smith Abbott Laboratories \$137,225 Clinical Trial
Yehuda Patt New Mexico Cancer Care Alliance \$25,000 Clinical Trial, Phase 2	Claire Verschraegen Eli Lilly \$17,625 Clinical Trial
Yehuda Patt New Mexico Cancer Care Alliance \$24,539 Clinical Trial, Phase 2	Claire Verschraegen New Mexico Cancer Care Alliance \$20,000 Clinical Trial
Ian Rabinowitz Amgen \$56,188 Clinical Trial	Claire Verschraegen New Mexico Cancer Care Alliance \$50,000 Clinical Trial
Ian Rabinowitz New Mexico Cancer Care Alliance \$28,750 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

## **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

## **Health Sciences Library and Informatics Center**

Erinn Aspinall  
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



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  
New Mexico Arts Division \$8,932  
Colores

Michael Kamins  
MacNeil/Lehrer Productions \$9,500  
By The People 05 Community Summit

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  $Ga_{1-x}(Mn,Cr)_xAs/GaAs$  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 Bogenschutz<sup>7</sup>  
National Institute on Drug Abuse/NIH/DHHS \$2,360,754  
Clinical Trials Network

Philip May<sup>8</sup>/Jerome Romero  
NM Department of Health \$125,484  
Statewide FAS/ARBD Prevention Program for NM

Philip May<sup>8</sup>/Tassy Parker  
National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS \$265,484  
Trial of FAS Prevention and Diagnosis Among Indians

Philip May<sup>8</sup>  
National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS \$312,827  
International Neuropsychological Study of FASD

Philip May<sup>8</sup>  
National Institute of Mental Health/NIH/DHHS \$273,666  
New Mexico Access to Research Careers in Mental Health

Philip May<sup>8</sup>  
National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS \$1,422,828  
A Trial of FAS Prevention in American Indian Communities

Robert Meyers<sup>8</sup>  
Ohio State University \$35,279  
Treatment Outcome with Runaway Adolescents II

William Miller<sup>7</sup>  
National Institute on Drug Abuse/NIH/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 Woodall<sup>3</sup>  
National Institute on Alcohol Abuse and  
Alcoholism/NIH/DHHS \$518,531  
Website Prevention of College Binge Drinking

W. Gill Woodall<sup>3</sup>  
National Institute on Alcohol Abuse and  
Alcoholism/NIH/DHHS \$448,521  
Web-based Responsible Beverage Service Training

W. Gill Woodall<sup>3</sup>  
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 Brueck<sup>4, 6</sup>  
Sandia National Laboratories \$60,000  
Growth of Direct Patterned Quantum Dots

Steven Brueck<sup>4, 6</sup>  
Air Force Office of Scientific Research \$150,000  
Optoelectronics Research Center

Steven Brueck<sup>4, 6</sup>  
Cornell University \$600,000  
National Nanotechnology Information Network (NNIN)

Steven Brueck<sup>4, 6</sup>  
Cornell University \$300,000  
National Nanotechnology Information Network (NNIN)

Steven Brueck<sup>4, 6</sup>  
Sandia National Laboratories \$30,000  
Interferometric Lithography of Photonic Crystals

Steven Brueck<sup>4, 6</sup>  
National Science Foundation \$141,950  
Tunable IR Lasers for Gas-Phase Sensing

Steven Brueck<sup>4, 6</sup>  
National Science Foundation \$68,000  
Chip-Scale Nanofluidics for Chemical and Biological  
Separation and Sensing

Steven Brueck<sup>4, 6</sup>  
Lockheed Martin Corporation \$209,332  
High Operating Temperature Mid-Wave Infrared Focal Plane  
Arrays (HOT MWIR)

Steven Brueck<sup>4, 6</sup>  
Lockheed Martin Corporation \$275,668  
High Operating Temperature Mid-Wave Infrared Focal Plane  
Arrays (HOT MWIR)

Steven Brueck<sup>4, 6</sup>  
Air Force Research Laboratory \$45,836  
IPA for Stanley Peplinski

Steven Brueck<sup>4, 6</sup>  
Air Force Office of Scientific Research \$600,000  
Optoelectronics Research Center

Steven Brueck<sup>4, 6</sup>  
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 Diels<sup>4, 6</sup>  
University of Colorado \$20,000  
Stabilize Femtosecond Lasers

Jean-Claude Diels<sup>4, 6</sup>  
University of Colorado \$70,000  
Stabilize Femtosecond Lasers

Jean-Claude Diels<sup>4, 6</sup>  
National Science Foundation \$240,000  
Intracavity Sensors and Spectroscopy with Mode-Locked Lasers

Sang Han<sup>1</sup>  
National Science Foundation \$50,000  
NIRT: Fundamental Understanding of Nanofluidics for Advanced Bioseparation and Analysis

Sang Han<sup>1</sup>  
Dynacs Military and Defense Industries, Inc. \$150,000  
Growing High-Quality Germanium on Silicon for Multi-Junction Solar Cells in Satellites

Diana Huffaker<sup>4</sup>  
Air Force Office of Scientific Research \$20,000  
HBCU/MI-Coupled Quantum Dots and Photonic Crystals for Nanophotonic Devices

Diana Huffaker<sup>4</sup>  
Clemson University \$200,000  
Laboratory for Advanced Photonic Composites

Diana Huffaker<sup>4</sup>  
Air Force Office of Scientific Research \$65,000  
Seed Project: Materials and Integration Issues: Monolithic Sb-Based Light Emitters with Si Circuitry

Diana Huffaker<sup>4</sup>  
Air Force Office of Scientific Research \$66,000  
Millimeter Wave Modulators Using Quantum Dots

Diana Huffaker<sup>4</sup>  
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<sup>4</sup>  
Army Research Office \$109,000  
Instrumentation for DoD-Relevant Research and Education on Nonlinear Optics in Novel Quantum Dot Materials

Sanjay Krishna<sup>4</sup>  
Air Force Office of Scientific Research \$36,664  
Polarimeter in a Pixel

Sanjay Krishna<sup>4</sup>/Majeed Hayat<sup>4</sup>/Scott Tyo<sup>4</sup>  
National Science Foundation \$152,970  
Spectrally Adaptive Infrared Photodectors for MASINT Applications

Sanjay Krishna<sup>4</sup>/Kevin Malloy<sup>4</sup>  
BAE Systems \$75,000  
Advanced Sensors

Sanjay Krishna<sup>4</sup>  
Missile Defense Agency \$300,000  
GaAs-Based Mid Wave Infrared Semiconductor Lasers

Sanjay Krishna<sup>4</sup>  
Army Research Office \$120,000  
Spectrally Adaptive Nanoscale Quantum Dot Sensors

Sanjay Krishna<sup>4</sup>  
Lockheed Martin Corporation \$393,466  
High Operating Temperature Mid-Wave Infrared Focal Plane Arrays (HOT MWIR)

Luke Lester<sup>4</sup>  
Air Force Office of Scientific Research \$67,500  
Quantum Dot Mode-Locked Lasers

Luke Lester<sup>4</sup>  
Air Force Research Laboratory \$40,000  
High-Power Quantum Dot Mode-Locked Lasers

Luke Lester<sup>4</sup>  
BAE Systems \$85,000  
Advanced Sensors

Kevin Malloy<sup>4</sup>  
BAE Systems \$115,000  
Advanced Sensors

Marek Osinski<sup>4, 6</sup>  
National Science Foundation \$240,000  
Dispersion and Optical Drag Effects in Rotating Semiconductor Ring Lasers

Paul Schwoebel<sup>6</sup>  
Sandia National Laboratories \$145,000  
An Advanced Neutron Generator for Field-Based Active Neutron Interrogation Systems

## Center for Micro-Engineered Materials

Plamen Atanasov<sup>1</sup>  
Army Research Office \$200,000  
Thermal Analysis and Particle Size Characterization Laboratory

Plamen Atanasov<sup>1</sup>  
Honeywell Corporation \$68,300  
Catalysts and Membrane Electrode Assemblies for Direct Methanol Fuel Cells

Plamen Atanasov<sup>1</sup>  
Toyota Technical Center, USA, Inc. \$50,000  
CCMC Membership

C. Jeffrey Brinker<sup>1</sup>  
Department of Energy \$167,000  
Novel Transport of Porous and Composite Nanostructures

C. Jeffrey Brinker<sup>1</sup>  
Department of Energy \$294,000  
Novel Dual-Functional Membrane for Controlling Carbon  
Dioxide Emissions from Fossil Fuel Power Plants

C. Jeffrey Brinker<sup>1</sup>  
Air Force Office of Scientific Research \$150,000  
Biocompatible and Biomimetic Self-Assembly of Functional  
Nanostructures

C. Jeffrey Brinker<sup>1</sup>  
Luna Innovations, Inc. \$29,999  
Ultrahydrophobic Coatings

C. Jeffrey Brinker<sup>1</sup>  
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<sup>1</sup>  
Sandia National Laboratories \$150,000  
Self-Assembled Nanocomposite Coatings

Abhaya Datye<sup>1</sup>  
Thermagon, Inc. \$10,000  
CMEM Membership

Abhaya Datye<sup>1</sup>  
Companhia Brasileira de Metalurgia e Mineracao \$35,000  
CCMC Membership

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$15,000  
Characterization of Self-Assembled Materials

Abhaya Datye<sup>1</sup>  
National Science Foundation \$100,000  
REU Site in Microengineered Materials

Abhaya Datye<sup>1</sup>  
Toyota Technical Center, USA, Inc. \$35,000  
CCMC Membership

Abhaya Datye<sup>1</sup>  
Cabot Superior MicroPowders \$35,000  
CCMC Membership

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$1,620  
SEM Training and Usage

Abhaya Datye<sup>1</sup>  
Intel \$85,000  
CCMC Membership

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$27,382  
Superhydrophobic Coatings

Abhaya Datye<sup>1</sup>  
National Science Foundation \$80,000  
Ceramic and Composite Materials Center

Abhaya Datye<sup>1</sup>  
National Science Foundation \$214,999  
GOALI–Fundamental Studies of Heterogeneous Catalyst  
Sintering

Abhaya Datye<sup>1</sup>  
Department of Energy \$243,000  
Nanostructured Catalysts for Hydrogen Generation from  
Renewable Feedstocks

Abhaya Datye<sup>1</sup>  
Ferro \$17,500  
CMEM Membership

Ronald Loehman<sup>1</sup>  
Sandia National Laboratories \$24,900  
R&D Support for Ceramic Research

Jiebin Pang<sup>1</sup>  
Imperial Chemical Industries PLC \$300,000  
New Chemistry and Physics in Non-Contract Printing

Timothy Ward<sup>1</sup>  
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  
Universal Technology Corporation \$178,347  
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