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# Contract and Grant Awards Fiscal Year 2005

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**CONTRACT & GRANT AWARDS**  
fiscal year 2005

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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 2005*, which lists contract and grant (C&G) awards received by the University of New Mexico (UNM) during the period from July 1, 2004 - June 30, 2005 (FY05). These awards represent new funds that were acquired during FY05 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 FY05 total \$295.4M, of which \$167.6M is attributed to the main campus and \$127.8M 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, and Denise Wallen of the Office of the Vice President for Research and Economic Development, and Paul Jones and Rena Vinyard of the Health Sciences Center Financial Services Division.

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



Terry L. Yates  
Vice President for Research and Economic Development

# STATISTICS SUMMARY

## Contract and Grant Awards and Funding Sources FY05

Table 1a

<u>Total C&amp;G Awards</u>	<u>Percentage of Total C&amp;G Awards</u>
Total C&G Awards: UNM	\$295.4M
Total C&G Awards: Main Campus	\$167.6M (62%)
Total C&G Awards: HSC	\$127.8M (38%)

Table 1b

<u>Source of C&amp;G Awards (UNM)</u>	<u>Percentage of Total C&amp;G Awards</u>
	[Total: \$295.4M]
Foundations	1%
Federal	59%
Industry	5%
National Laboratories	2%
State of New Mexico	18%
Other	15%

Table 1c

<u>Source of C&amp;G Awards (Main Campus)</u>	<u>Percentage of Total C&amp;G Awards</u>
	[Total: \$167.6M]
Foundations	1%
Federal	58%
Industry	2%
National Laboratories	4%
State of New Mexico	23%
Other	12%

Table 1d

<u>Source of C&amp;G Awards (HSC)</u>	<u>Percentage of Total C&amp;G Awards</u>
	[Total: \$127.8M]
Foundations	1%
Federal	60%
Industry	9%
National Laboratories	<1%
State of New Mexico	12%
Other	18%

# 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

Dante DiGregorio  
City of Albuquerque \$5,500  
International Trade and Investment Survey

Jana Hranaiova  
Commodity Futures Trading Commission \$162,404  
Public Policy Research on Futures Markets for CFTC

Suleiman Kassicieh  
Sandia National Laboratories \$85,003  
Technological Entrepreneurship Program Contract

Craig White  
New Mexico Economic Development Partnership \$6,000  
Economic Impact of an Aviation Facility in New Mexico

John Young  
AT&T Government Solutions Inc. \$36,891  
Mentor Protege Program

### Center for Entrepreneurship and Innovation

Andres Salazar  
Regional Development Center \$25,000  
SATOP Program at UNM

Andres Salazar  
Lemelson Foundation \$16,400  
Entrepreneurial Engineering Course Enhancement

Andres Salazar  
Los Alamos National Laboratory \$27,012  
LANL Commercialization Projects

### SCHOOL OF ARCHITECTURE AND PLANNING

Mark Childs  
NM Economic Development Department \$20,000  
Main Street Projects

Teresa Cordova  
Bernalillo County \$75,000  
Isleta Boulevard Sector Development Plan

David Henkel  
U.S. Agency for International Development \$64,289  
Academic and Professional Training for Natural Resources Planning and Management

## COLLEGE OF ARTS AND SCIENCES

Reed Dasenbrock  
Sandia National Laboratories \$50,000  
Sandia National Labs/UNM Excellence in Science Fellowship

Douglas Earick  
National Science Foundation \$55,400  
Improved Recruitment, Mentoring, and Retention of Science and Math Educators Through the Noyce Scholarship Program

Kristin Umland  
Department of Education \$398,608  
La Meta: Mathematics Educators Targeting Achievement

### Anthropology

James Boone  
National Science Foundation \$7,953  
REU Supplement for Land Use and Sustainability on a Mediterranean Landscape

Jane Buikstra  
Smithsonian Institution \$60,000  
Ancient Biomolecules: Tuberculosis

Patricia Crown/Kari L. Schleher  
National Science Foundation \$11,800  
The Role of Standardization in Specialization of Ceramic Production at San Marcos Pueblo, New Mexico

Patricia Crown/C. Kathleen Helton  
National Science Foundation \$6,865  
Doctoral Dissertation Improvement Grant: Why Pointed Pots? An Examination of the Relationship Between Ceramic Form, Subsistence, and Mobility

Patricia Crown/Marianne Tyndall  
National Science Foundation \$11,468  
Doctoral Dissertation Improvement Grant: The Technological Organization and Thermal Efficiency of Grayware Ceramics from Chaco Canyon, New Mexico

Bruce Huckell/Robert P. Powers  
National Science Foundation \$11,998  
Doctoral Dissertation Improvement Grant: Impermanent vs. Intensive Agriculture: Population, Mobility, and Village

Hillard Kaplan  
Santa Fe Institute \$277,541  
The Human Life Course and the Biodermography of Aging

Hillard Kaplan  
University of California, Santa Barbara \$121,204  
Grandparenting and the Evolution of Post-Reproductive Lifespans

Jane Lancaster  
Leakey (Louis S.B.) Foundation \$11,438  
Electroencephalography and Cognition Across the Lifespan  
Among the Ache

Joanne McCloskey  
University of Arizona \$42,000  
The Impact of the WIC Program on the Nutritional Status of  
Navajo Women and Their Children

Marian Nagengast/Gabriel A. Torres  
National Science Foundation \$9,466  
Dissertation Research: Convivencia, Politics, and Identity in  
Ceuta, Spain

Osbjorn Pearson/Timothy R. Peterson  
National Science Foundation \$8,665  
Doctoral Dissertation Improvement: Taxonomic Implications  
of Basicranial Variation in Australopithecus Africanus

Wirt Wills  
National Science Foundation \$219,995  
Archaeological Investigations at Chaco Canyon, New Mexico

Wirt Wills  
National Geographic Society \$25,000  
Reinvestigation of Archaeological Trenches Excavated by the  
National Geographic Society in Chaco Canyon, New Mexico

## Biology

Coenraad Adema  
National Institute of Allergy and Infectious Diseases/NIH/DH  
\$262,500  
Anti-Pathogen Responses in Biomphalaria Glabrata

J. Scott Altenbach  
NM Energy, Minerals and Natural Resources Department  
\$28,000  
Evaluation of Bat Habitat and Habit Potential in Abandoned  
Mines in New Mexico

Larry Barton  
NM Environment Department \$20,000  
Nutrient Impairment of Streams

James Brown  
National Science Foundation \$74,999  
LTREB: Experimental Manipulation and Monitoring of the  
Chihuahuan Desert Ecosystem at Portal, AZ

James Cleverly  
Bureau of Reclamation/Department of the Interior \$319,240  
Riparian Evapotranspiration: Evaluating the Effectiveness of  
Restoration Projects Through Improved Depletions  
Predictions

Scott Collins/Robert Parmentor/James Gosz/Terry Yates/  
Blair Wolf  
National Science Foundation \$700,000  
Sevilleta LTER: Long-Term Ecological Research in a Biome  
Transition Zone

Scott Collins  
National Science Foundation \$99,071  
LTER: Long-Term Ecological Research in a Biome Transition  
Zone, Research Experience for Teachers and Research  
Experience for Undergraduates

Scott Collins  
Forest Service \$20,900  
Effects of Fire on Shrub Establishment at the Sevilleta LTER

Scott Collins  
T & E Inc. \$2,171  
Restoration of Degraded Chihuahuan Desert Grassland in the  
Southwestern United States

Joseph Cook/William Gannon  
U.S. Fish and Wildlife Service/Department of the Interior  
\$4,500  
Molecular Perspectives on Tongass

Joseph Cook  
National Science Foundation \$334,976  
Beringian Coevolution Project II

Joseph Cook  
University of Alaska \$17,000  
Nongame Statewide Database Review

Clifford Crawford  
U.S. Fish and Wildlife Service/Department of the Interior  
\$23,000  
Bosque Ecosystem Monitoring Program (BEMP)

Richard Cripps  
National Institute of General Medical Sciences/NIH/DHHS  
\$218,127  
Genetic Regulation of Muscle Fiber Diversity

Richard Cripps  
NIH \$285,000  
Genetic Regulation of Cell Fate in the Drosophila Heart

Richard Cripps  
American Heart Association \$42,000  
Hox Genes and the Patterning of the Drosophila Dorsal Vessels

Clifford Dahm  
Environmental Protection Agency \$7,186  
Effects on Flooding and Nitrogen Availability on Riparian  
Vegetation in Arid Ecosystems: Mechanisms Driving Non-  
native Species Invasions

Clifford Dahm  
Forest Service \$15,310  
Hyporheic Metabolism and Processing of Salmon Derived  
Organic Matter

Clifford Dahm/Chelsea Crenshaw  
NM State University \$5,000  
Human Impacts on Nitrate Dynamics in Hyporheic Sediments  
Using a Stable Isotope Tracer

Clifford Dahm  
NM State University \$5,000  
Water Quality Along the Middle Rio Grande, New Mexico

Clifford Dahm  
NM State University \$3,000  
Mycorrhizal Colonization in Cottonwood and Salt Cedar  
Stands Along the Middle Rio Grande: Implications for Water  
Consumption

Clifford Dahm  
Valles Caldera Trust \$16,027  
The Effects of Grazing on Nutrient Cycling and  
Geomorphology in Valles Caldera Streams

William Dunmire  
Texas Council for the Humanities \$1,500  
Public Lectures—Plantways from Spain: The Agricultural  
Heritage of Colonial Texas

Christopher Frazier  
University of California, Berkeley \$141,357  
Biogeomancer

Mike Friggens  
T & E Inc. \$2,500  
Reestablishment of Gunnison's Prairie Dogs to the Sevilleta  
National Wildlife Refuge

Mike Friggens  
NM Game and Fish Department \$5,000  
Reestablishment of Gunnison's Prairie Dogs to the Sevilleta  
National Wildlife Refuge

William Gannon/Robert Parmenter  
National Science Foundation \$100,000  
UMEB: Undergraduate Career Enhancement and Training in  
Ecological Studies in New Mexico

William Gannon  
U.S. Fish and Wildlife Service/Department of the Interior  
\$5,000  
Improved Housing and Maintenance of Canis Lupus Baileyi  
in the MSB Division of Mammals

James Gosz  
National Science Foundation \$610,461  
Preparing the LTER Network for Collaborative Science,  
Education and Synthesis: A Planning Activity

Sara Gottlieb  
Bureau of Reclamation/Department of the Interior \$7,993  
Upper Colorado River Basin Ichthyofaunal Research

Sara Gottlieb  
Bureau of Reclamation/Department of the Interior \$58,489  
San Juan River Larval Razorback Sucker Survey

Sara Gottlieb  
Bureau of Reclamation/Department of the Interior \$63,089  
San Juan River Larval Colorado Pikeminnow Survey

Sara Gottlieb  
Bureau of Reclamation/Department of the Interior \$40,411  
Update and Maintenance of San Juan River Basin RIP GIS  
Database and Development of a Web-Based Interactive  
Interface

David Hanson  
Sandia National Laboratories \$40,000  
Carboxysome Function in the Marine Cyanobacterium  
Synechococcus

Kristine Johnson  
Bureau of Land Management/Department of the Interior  
\$45,000  
Prairie Dog Survey and iNet Database

Kristine Johnson  
NM State Land Office \$4,061  
State Land Office Lesser Prairie Chicken Habitat Map

Kristine Johnson  
Isleta Pueblo \$7,500  
Willow Flycatcher Habitat Enhancement at Pueblo of Isleta

Kristine Johnson  
NM Game and Fish Department \$12,000  
Remote Sensing Survey of Gunnison's Prairie Dogs

Kristine Johnson  
Department of Defense \$50,000  
Interdependence of Pinyon Pines and Pinyon Jays

Kristine Johnson  
Department of Defense \$30,000  
Pinyon Pine-Pinyon Jay Interdependence

Kristine Johnson  
NM Game and Fish Department \$85,639  
Database and GIS Habitat Analysis: Lesser Prairie Chicken  
and Sand Dune Lizard

Kristine Johnson  
NM Game and Fish Department \$20,000  
Black-Tailed Prairie Dog Remote Sensing

Astrid Kodric-Brown  
National Science Foundation \$189,450  
Evolution of Reproduction Isolation in Cyprinodon

Astrid Kodric-Brown  
NM Game and Fish Department \$12,000  
Co-Existence Between Two Species of Gambusia

Astrid Kodric-Brown  
T & E Inc. \$2,500  
Temporal Variations in Banner-Tailed Kangaroo Rat Mounds

J. David Ligon  
University of Kansas Center for Research \$2,500  
ORNIS – A Community Effort to Build an Integrated,  
Distributed, Enriched, and Error-Checked Ornithological  
Information System

Eric Loker/Robert Miller/Stephanie Forrest/Terran Lane  
National Center for Research Resources/NIH/DHHS  
\$1,791,160  
COBRE: Center for Evolutionary and Theoretical Immunology

Eric Loker/Stephanie Forrest  
National Center for Research Resources/NIH/DHHS  
\$311,279  
COBRE: Center for Evolutionary and Theoretical Immunology

Eric Loker  
National Institute of Allergy and Infectious Diseases/  
NIH/DHHS \$259,671  
Evo-Epidemiology of Schistosoma Mansoni in Western  
Kenya

Eric Loker/John VandeCastle  
Brown University \$52,836  
ILTER Coordinator

Timothy Lowrey  
Natural History Museum \$17,186  
The Phylogeography of Ocotillos

Diane Marshall/Kathryn Watkins/Wanda Martin/  
Douglas Earick  
National Science Foundation \$444,600  
Improved Recruitment, Mentoring, and Retention of Science  
and Math Educators Through the Noyce Scholarship Program

Charles McCollough  
NatureServe \$6,819  
NatureServe MJD-BML

Charles McCollough  
NatureServe \$10,000  
NatureServe FESTF

William Michener  
National Science Foundation \$100,000  
Resource Discovery Initiative for Field Station

William Michener  
National Science Foundation \$889,623  
Enabling the Knowledge Web for Biodiversity and Ecological  
Informatics

William Michener  
University of California, Santa Barbara \$150,000  
Ecoinformatics Postdoctoral Associate

William Michener  
American Institute of Biological Sciences \$314,351  
National Ecological Observatory Network (NEON):  
Development of NEON Coordinating Consortium and Project  
Office

William Michener/James Brunt  
U.S. Geological Survey/Department of the Interior \$120,000  
National Biological Information Infrastructure (NBII) & UNM  
Metadata Standardization Project

William Michener  
Organization of Biological Field Stations \$500  
OBFS Administrative Database

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

Bruce Milne  
National Science Foundation \$63,359  
Testing a Dynamical-Hortonian Scaling Theory for Flood  
Events on Whitewater Basin, Kansas

Manuel Molles/Teresa Tibbets  
National Institute of General Medical Sciences/NIH/DHHS  
\$25,679  
Riparian Nutrients and Food Webs on a Regulated River

Esteban Muldavin  
U.S. Fish and Wildlife Service/Department of the Interior  
\$30,000  
River Bar Biodiversity Studies

Esteban Muldavin  
Bureau of Land Management/Department of the Interior  
\$15,000  
Santa Fe River Vegetation Analysis

Esteban Muldavin  
National Park Service/Department of the Interior \$224,097  
A Vegetation Map for El Malpais National Monument

Esteban Muldavin  
Bureau of Land Management/Department of the Interior  
\$10,000  
Carlsbad Playas Survey

Donald Natvig  
Mycological Society of America \$208,539  
Funding for Mycologia

Mary Anne Nelson/Terry Yates/Kathryn Vogel  
National Institute of General Medical Sciences/NIH/DHHS  
\$64,849  
Undergraduate Biomedical Research Training at the  
University of New Mexico

Mary Anne Nelson  
Dartmouth College \$175,619  
Functional Analysis of a Model Filamentous Fungus: ESTs

Diana Northup  
T & E Inc. \$1,964  
Genetic Bacteria as Indicators of Human Impact in Caves

William Pockman  
Los Alamos National Laboratory \$45,000  
Biosphere-Atmosphere CO<sub>2</sub> Exchange of Terrestrial  
Ecosystems: Combining High Resolution Measurements and  
Advanced Models

William Pockman  
Tulane University \$99,000  
Impact of Rainfall Variability and Woody Encroachment on  
Productivity in a Semiarid Grassland in New Mexico

Robert Sinsabaugh  
Department of Energy \$215,540  
Mechanics of Soil Carbon Sequestration by Nitrogen  
Deposition

Felisa Smith  
National Science Foundation \$6,000  
The Influence of Climate Change on Mammals

Howard Snell  
T & E Inc. \$2,500  
Consequences of Restoration Activity: Herpetofaunal  
Responses to Exotic Plant and Ruels Removal Along the  
Middle Rio Grande, New Mexico

Peter Stacey  
U.S. Fish and Wildlife Service/Department of the Interior  
\$14,000  
Habitat Requirements of the Southwestern Willow Flycatcher

Philip Tonne  
NM Energy, Minerals and Natural Resources Department  
\$19,106  
Holy Ghost Ipomopsis Greenhouse Studies

Philip Tonne  
Department of Agriculture \$12,000  
Holy Ghost Ipomopsis Greenhouse Propagation

Philip Tonne  
National Park Service/Department of the Interior \$11,623  
Rare, Threatened, and Endangered Plant Species Survey  
Along Rattlesnake Trail

Andreas Wagner/Margaret Werner-Washburne  
National Institute of General Medical Sciences/NIH/DHHS  
\$236,800  
Structural, Functional and Evolutionary Characterization

Robert Waide/William Michener/John VandeCastle/  
James Brunt  
National Science Foundation \$1,373,645  
Network Office of the US Long Term Ecological Research  
Network

Robert Waide  
University of Puerto Rico, Rio Piedras \$18,898  
Luquillo LTER Program

Margaret Werner-Washburne  
National Institute of General Medical Sciences/NIH/DHHS  
\$318,270  
A Compendium of Gene Expression in Stationary Phase

Margaret Werner-Washburne  
National Science Foundation \$10,000  
PAESMEM: Demystifying Genomics—Opening Doors

Margaret Werner-Washburne  
National Institute of General Medical Sciences/NIH/DHHS  
\$130,500  
A Compendium of Gene Expression in Stationary Phase:  
Supplement for Underrepresented Minorities

Margaret Werner-Washburne  
National Institute of General Medical Sciences/NIH/DHHS  
\$522,067  
Initiative for Minority Student Development

Carleton White  
Forest Service \$7,257  
Ecology of Fire in Semi-Arid Grasslands

Carleton White  
Forest Service/Department of Agriculture \$17,728  
Management of Soil Organic Matter in a Semi-Arid  
Grassland

Blair Wolf  
National Science Foundation \$6,000  
REU Supplement—Columnar Cacti: A Critical Resource for  
Avian Community Responses and Nutrient Fluxes in Natural  
and Experimental Settings

Blair Wolf  
National Science Foundation \$6,000  
REU-SGER—Using Portable Ultrasound to Quantify Life  
History Traits and Energetic Status

Terry Yates/Vasudev Kenkre/Robert Parmenter  
National Science Foundation \$12,000  
REU to EID—Ecological Drivers of Rodent-Borne Disease  
Outbreaks: Trophic Cascades and Dispersal Waves

Terry Yates  
Centers for Disease Control and Prevention/DHHS \$302,633  
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in  
the Southwestern United States

## Center for Advanced Studies

Stuart Jefferies  
National Science Foundation \$585,537  
Tomographic Imaging of the Velocity and Magnetic Fields in  
the Sun's Atmosphere

Stuart Jefferies  
Boeing Company \$58,000  
MSSS-RDOM

Stuart Jefferies  
Boeing Company \$80,000  
The Information Theoretic Imaging Application (ITIA) Project,  
Task Order 27

Stuart Jefferies  
Stanford University \$49,451  
Global Helioseismic Metrology

Stuart Jefferies  
Air Force Office of Scientific Research \$459,500  
DURIP: Advanced Space Surveillance Simulator

David Tyler/Sudhakar Prasad/Stuart Jefferies  
Air Force Office of Scientific Research \$558,262  
Advanced Concepts in Space Situational Awareness

## Chemistry

Jim Brozik  
Sandia National Laboratories \$9,145  
Spectroscopic Characterization of Transmembrane Protein  
Reactivity/Restructuring Within Lipid Layers and/or Whole Cells

Jim Brozik  
Air Force Research Laboratory \$85,680  
IPA

Lorraine Deck  
Arizona State University \$756  
Synthesis of Inhibitors for Breast Cancer Treatment

Lorraine Deck  
Arizona State University \$756  
Synthesis of Substituted Tetralones as Inhibitors of NFkB and  
LDH

Debra Dunaway Mariano  
Boston University \$100,320  
Structural and Mechanistic Studies of Phosphonate

Debra Dunaway Mariano  
National Institute of General Medical Sciences/NIH/DHHS  
\$225,000  
Mechanism and Inhibition of Pyruvate Phosphate Dikinase

Debra Dunaway Mariano  
National Institute of General Medical Sciences/NIH/DHHS  
\$675,000  
Mechanisms of Enzyme Catalysis

John Engen  
National Institute of General Medical Sciences/NIH/DHHS  
\$299,154  
Structural Dynamics of Src-Family Kinase Activation

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

Hua Guo  
National Science Foundation \$63,118  
Collaborative Research of Proton Transfers in Enzymes:  
A Synergetic Theory - Experiment Approach

Hua Guo  
National Science Foundation \$135,000  
Theoretical Studies of Spectroscopy and Dynamics of  
Molecular Systems

David Keller/Jim Brozik  
National Institute of General Medical Sciences/NIH/DHHS  
\$263,111  
Mechanics and Mechanisms of HIV Reverse Transcriptase

Richard Kemp  
Sandia National Laboratories \$70,000  
Sulfur Management for Automotive Catalysts

Richard Kemp  
National Science Foundation \$30,000  
NSF Inorganic Chemistry Workshops

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

Martin Kirk  
American Chemical Society \$8,000  
Metal-Ligand Redox Interplay and Molecular Bistability in  
Quinoxaline-Based Complexes

Patrick Mariano  
National Science Foundation \$122,000  
Preparative Electron Transfer Photochemistry

Patrick Mariano  
National Institute of General Medical Sciences/NIH/DHHS  
\$241,733  
Novel Approaches to Alkaloid Synthesis

Thomas Niemczyk  
Sandia National Laboratories \$59,294  
Determination of Type III Absorption Isotherms

Robert Paine  
PG Research Foundation, Incorporated \$15,000  
Development of New Imidophosphonanes

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

Robert Paine  
UT-Battelle, LLC \$13,890  
BN Composite Materials for Hydrogen Storage

David Tierney  
American Chemical Society \$35,000  
A Comprehensive Spectroscopic Approach to Structure and  
Bonding in High-Spin Co (II) Systems

*See also: Center for Micro-Engineered Materials*

## Earth and Planetary Sciences

Yemane Asmerom  
National Science Foundation \$30,244  
A Holocene History of the El Nino/Southern Oscillation:  
Solar Variability, and the Central American Monsoon from  
Speleothem Calcite

Yemane Asmerom  
National Science Foundation \$200,000  
Acquisition of a MC-ICPMS for Earth Sciences in New  
Mexico

Adrian Brearley  
NASA–Washington \$96,000  
Formation and Alteration Behavior of Chondritic Materials

Adrian Brearley  
NASA \$46,000  
Mechanisms and Kinetics of Aqueous Alteration Reactions in  
Chondritic Meteorites

Laura Crossey  
NM State University \$49,931  
New Mexico Alliance for Minority Participation (Federal Funds)

Maya Elrick  
National Science Foundation \$79,461  
Using Oxygen Isotopes of Apatitic Conodonts to Understand  
Origins of Paleozoic Triassic Third Sea Level Change

Peter Fawcett/John Geissman  
Los Alamos National Laboratory \$35,000  
Deep Coring of the Valles Caldera: Obtaining a Long-Term  
Paleoclimate Record for Northern New Mexico

John Geissman  
National Science Foundation \$12,600  
REU Supplement Request to Collaborative Research:  
Deformation Rates and Kinematics of Ancient and Active  
Displacement

Ying-Bing Jiang  
Sandia National Laboratories \$12,000  
Structural Investigaton of Nanostructured Composite  
Materials

Ying-Bing Jiang  
Sandia National Laboratories \$5,000  
Pore Blocking Ion-Channels

Grant Meyer  
National Park Service/Department of the Interior \$11,989  
Beavers, Climate, and Environmental Change over Millennial  
Timescales in the Northern Range of Yellowstone National  
Park

Frans Rietmeijer  
NASA–Washington \$128,880  
Metastable Eutectics: Do They Really Control the Composition  
of Silicate Vapor Condensates?

Frans Rietmeijer  
NASA–Houston \$150,000  
Petrology of Aggregate and Cluster IDP's: Hierarchical Dust  
Accretion

Frans Rietmeijer  
SETI Institute \$10,582  
Transmission Electron Microscope Characterization of  
Chemical Vapor Deposits on the Returned GENESIS Heat  
Shield

Elizabeth Ritchie-Tyo/David Gutzler  
National Oceanic & Atmospheric Administration \$98,437  
Tropical Cyclone Activity Associated with the North  
American Monsoon Season

Mousumi Roy  
National Science Foundation \$47,034  
Quantifying the Exhumation of the Colorado Plateau and  
Implications for Tectonics and Landscape Evolution

Jane Selverstone  
National Science Foundation \$131,740  
Metamorphic Fluid Evolution and Crustal Rheology

Louis Scuderi  
NASA \$1,496,000  
Center for Rapid Environmental Assessment and Terrain  
Evaluation (CREATE)

Zachary Sharp/Jane Selverstone/Adrian Brearley  
National Science Foundation \$24,826  
Tectonic and Metamorphic Implications for High Cl-Contents  
in Serpentinites

Gary Smith/John Geissman  
National Science Foundation \$66,596  
Integrated Stratigraphic, Geomorphic, Sedimentologic,  
Numeric, and Experimental Study of Hangingwall Ramp  
Architecture

## **Earth Data Analysis Center**

Shirley Baros  
NM Department of Health \$24,046  
Geocoding of Birth and Death Records

Shirley Baros  
Centers for Disease Control and Prevention/DHHS \$24,797  
Interactive Web Mapping Support – Mapping a Vision

Thomas Budge  
Sandia National Laboratories \$2,000  
CPA – Commercial Satellite Imagery

Thomas Budge  
Sandia National Laboratories \$90,000  
Technical Assistance – SNL Cooperative Monitoring Center

Thomas Budge  
NM State Land Office \$5,942  
State Land Office Lesser Prairie Chicken Habitat Mapping  
Proposal

Thomas Budge  
National Park Service/Department of the Interior \$1,000  
Ortho-Connection of Quick Bird Satellite Images – Bandelier  
National Monument

Thomas Budge  
National Park Service/Department of the Interior \$37,900  
A Vegetation Map for El Malpais National Monument

Thomas Budge  
Los Alamos National Laboratory \$20,291  
Orthorectification of Color Aerial Photographs

Thomas Budge  
Sandia National Laboratories \$7,500  
Preparation of a 3D Terrain Model

Michael Inglis  
NM Department of Health \$99,950  
Development of the Environmental Public Health Tracking  
System Plan

Michael Inglis  
NM Department of Health \$95,934  
Environmental and Public Health Mapping System: Arsenic  
Data Linkage Application

Stanley Morain  
NASA-Washington \$599,886  
Converging NASA Mission Measurements and Products with  
the Rapid Syndrome Validation Project

## **Economics**

Robert Berrens/Michael McKee  
US Forest Service \$73,896  
A Research Agenda for Understanding Behavioral and  
Economic Responses to Forest Restoration Programs in the  
Southwest

David Brookshire  
University of Arizona \$177,589  
Sustainability of Water Resources in Semi-Arid Regions

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

Janie Chermak  
Los Alamos National Laboratory \$58,000  
ZeroNet Project: Converging NASA Mission Measurements  
and Products with the Rapid Syndrome Validation Project  
(RSVP)

## **English**

Jesse Aleman  
New Mexico Endowment for the Humanities \$2,000  
Robert Rodriguez' South-Westerns: A Film Festival



## Foreign Languages and Literatures

Warren Smith  
Department of Education \$24,675  
Voices from the Mountains: Modern Dagestani Literature in Russian and Multicultural Contexts

## Geography

Olen Matthews  
Pueblo of Laguna \$191,057  
Utilizing GIT in Indian Schools and Communities

## History

Melissa Bokovoy  
New Mexico Endowment for the Humanities \$2,000  
Islam and Europe: A Lecture Series

Barbara Reyes  
Ford Foundation \$2,500  
Private Women/Public Lives: Women and the 19th Century California Missions

Samuel Truett  
Huntington Library \$40,000  
Old New Worlds: Ruins, Nations, and Antiquity in the Borderlands

## Institute of Meteoritics

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

Carl Agee  
NASA-Houston \$24,000  
Sm-Nd, Rb-Sr, and U-Pb Geochemistry of the Lunar Mg-Suite

Lars Borg  
NASA-Washington \$63,785  
Chronological and Mineralogical Studies of Shocked Terrestrial Basalts: A Martian Analogue

Lars Borg  
NASA-Houston \$140,000  
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

Rhian Jones  
NASA-Washington \$44,950  
Meteorite Museum Renovation and Associated Outreach Activities at the University of New Mexico

Horton Newsom  
University Space Research Association \$18,192  
A Broker/Facilitator Partnership to Serve Central Southwest Region and Hawai'i

Horton Newsom  
University Space Research Association \$15,504  
Sky Tellers: A Resource for Smaller Community and School Planetariums

Horton Newsom  
University of California, Los Angeles \$7,981  
Dawn Mission Educational Activities

James Papike/Rhian Jones  
NASA-Houston \$304,402  
Microbeam Studies of Planetary Materials

Robert Reedy  
University of Arizona \$70,077  
Mapping Martian Elemental Compositions Using Gamma Rays and Neutrons

Robert Reedy  
NASA-Washington \$63,000  
Extraterrestrial Studies of Nuclear Interactions

Robert Reedy  
National Science Foundation \$10,001  
A Proposal for the Cosmic-Ray Produced Nuclide Systematics on Earth (CRONUS-Earth) Project

Charles Shearer  
Los Alamos National Laboratory \$32,500  
Behavior of Th and Sm in Planetary Magmatic and Surface Environments: Extending Remotely-Sensed Chemical Data to Better Understand Planetary Evolution

## Linguistics

Phyllis Wilcox  
University of Arkansas \$3,500  
RSA Region VI Interpreter Education Project

## Mathematics and Statistics

Alejandro Aceves  
National Science Foundation \$100,000  
Nonlinear Optics in Photonic Micro and Nanostructures

James Ellison  
Department of Energy \$191,758  
Investigations of Beam Dynamics Issues at Current and  
Future Accelerations

Thomas Hagstrom  
Lawrence Livermore National Laboratory \$38,431  
High-Order Structured Grid Methods for Wave Propagation  
on Complex Unbounded Domains

Gabriel Huerta  
National Science Foundation \$140,842  
CMG Collaborative Research: Stochastic Representation of  
Parameter Uncertainty Within Model Predictions of Future  
Climate

Monika Nitsche  
National Science Foundation \$8,484  
REU: On the Limiting Behavior of Regulations of Euler  
Equations with Vortex Sheet Initial Data

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

Laura Salter  
National Center for Genome Resources \$28,474  
Methods to Compare Multivariate Arrays

Deborah Sulsky/Howard Schreyer  
Northwest Research Associates \$50,000  
Oriented Fracture Patterns and Frazil/Pancake Ice Formation:  
A New Basin Scale Model of Sea Ice Dynamics

## Maxwell Museum of Anthropology

Bruce Huckell  
Public Service Company of New Mexico \$19,650  
Archaeological and Geological Test Investigations

## Office of Contract Archeology

Richard Chapman  
Army Corps of Engineers \$262,895  
Archeological Excavation and Report: Alamogordo Flood  
Control Projects: South Channel

Richard Chapman  
Forerunner Corporation \$27,536  
Class III Inventory of Enterprise Western Expansion Project

Richard Chapman  
Army Corps of Engineers \$61,232  
Archeological Data Gathering, Survey, and Report, Rio  
Grande Bosque Wildlife Prevention, Bernalillo County, NM

Richard Chapman  
Army Corps of Engineers \$73,261  
Archeological Survey, Site Testing and Reporting: Fishing  
Pier Access Road, Relocation, Cochiti Reservoir

Richard Chapman  
City of Alamogordo \$1,032  
Relocation for Emergency Sewer Line Repair

Richard Chapman  
Bureau of Land Management/Department of the Interior  
\$2,500  
Additional Test Excavations at LA 139830 on Kasha-Katuwe  
Tent Rocks National Monument

Richard Chapman  
Bureau of Land Management/Department of the Interior  
\$41,053  
Armijo Socorro Watershed Project

Richard Chapman  
Albuquerque Public Schools \$5,020  
Assessment of Cultural Resources for Proposed West Side  
School Site

Richard Chapman  
Zia Engineering and Environmental Consultants \$2,930  
Independent Field Supervision of Archaeological Data  
Recovery, Alamogordo, NM

Patrick Hogan  
NM Military Affairs Department \$20,307  
Identification of Training Area Management Units for  
Roswell WETS and Black Mountain Training Area

Patrick Hogan  
NM Military Affairs Department \$259,544  
Archaeological Data Recovery for Training Area  
Management Units in the Camel Tracks Training Area

Patrick Hogan  
Bureau of Land Management/Department of the Interior  
\$71,817  
Development of Southeast New Mexico Regional Research  
Design and Resource Management Strategy

Patrick Hogan  
Bureau of Land Management/Department of the Interior  
\$17,766  
Mesa Portales Area CDNST Class III Inventory

Patrick Hogan  
C.H. Guernsey & Company \$17,319  
Archeological Survey and Report, US Highway 64

Patrick Hogan  
Escondida Research Group LLC \$1,151  
Flotation of Bulk Soil Samples

## Philosophy

Russell Goodman  
National Endowment for the Humanities/National Foundation  
on the Arts and the Humanities \$103,320  
Reading Emerson's Essays

## Physics and Astronomy

Paul Alsing  
Air Force Research Laboratory \$7,873  
IPA

Bernd Bassalleck  
Air Force Research Laboratory \$22,500  
Laboratory Support for Experimental Studies of Electronic  
Transport of Chalcogenide-glass Electrical Switches

Bernd Bassalleck  
Department of Energy \$380,000/Douglas Fields  
Strange Particles and Heavy Ion Physics

John Brandt  
Jet Propulsion Lab \$11,379  
The Planetary Astronomy Program/Management Operations  
Working Group

Carlton Caves/Ivan Deutsch  
Office of Naval Research \$170,000  
Quantum Entanglement and High-Precision Measurements

Carlton Caves  
Army Research Office \$121,355  
Entanglement and the Power of Quantum Computation

Ivan Deutsch  
Office of Naval Research \$102,000  
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  
Army Research Office \$20,000  
SQuInT Workshops

Ivan Deutsch  
National Institute of Standards & Technology/Technology  
\$100,000  
Quantum Control of Atoms in Optical Traps for High Fidelity  
Quantum Logic

Ivan Deutsch  
Army Research Office \$17,500  
Quantum Computing Graduate Fellowship

Robert Duncan  
Jet Propulsion Lab \$742,242  
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 \$128,243  
IPA

David Emin  
Sandia National Laboratories \$1,000  
Laboratory Support for LDRD Measurements

Douglas Fields  
Brookhaven National Laboratory \$46,693  
RHIC Physics Fellow Program Agreement

Douglas Fields  
Brookhaven National Laboratory \$15,000  
Testing the Silicon Strip Detectors for the PHENIX Upgrade  
Vertex Tracker

Michael Gold  
Department of Energy \$130,000  
NM Center for Particle Physics: Task A2: Collider Physics

Vasudev Kenkre  
National Science Foundation \$348,730  
The Consortium of the Americas for Interdisciplinary Science

John Matthews  
Fermi Laboratory \$29,300  
Construction of Equipment Items

John Matthews  
Department of Energy \$150,000  
New Mexico Center for Particle Physics – Particle Astrophysics

John McGraw  
National Science Foundation \$456,238  
Development of an Atmospheric Extinction LIDAR for the  
CCD/Transit Instrument

John McGraw  
Air Force Research Laboratory \$276,488  
Air Force Space Surveillance Telescope (AFSST): Extremely  
Wide Field of View Telescope Optics for Blind Satellite Search

John McGraw  
University of Texas, Austin \$5,152,000  
Near Earth Space Surveillance Initiative (NESSI)

John McIver  
Air Force Research Laboratory \$62,790  
IPA for Ahmed Lobad

John McIver  
Air Force Office of Scientific Research \$25,966  
Non-optical Applications of Photonic Crystal Concepts

John McIver/Alexander Glass  
Air Force Office of Scientific Research \$89,002  
IPA for Alexander Glass

John McIver  
Air Force Research Laboratory \$67,190  
Nanotechnology, Solid State Thin Films and Ultrashort (fs)  
Lasers

Richard Rand  
National Science Foundation \$122,193  
Measuring Robust Pattern Speeds in a Large Sample of Spiral  
Galaxies

Wolfgang Rudolph/Jim Brozik/Stephen Stricker/  
Mansoor Sheik-Bahae/Gabriel Lopez  
National Science Foundation \$233,280  
IGERT Cross-Disciplinary Optics Research and Education (CORE)

Darryl Sanchez  
Air Force Research Laboratory \$71,591  
IPA

Sally Seidel  
Brookhaven National Laboratory \$118,100  
Electrical Engineering for the ATLAS Experiment

Sally Seidel  
Department of Energy \$165,000  
Collider Physics

Sally Seidel/Timothy Thomas  
National Science Foundation \$70,233  
REU: The Los Alamos Summer School

Sally Seidel  
Brookhaven National Laboratory \$63,500  
Engineering for the ATLAS Laboratory

Mohinder Paul Sharma  
Air Force Research Laboratory \$60,477  
IPA

Mansoor Sheik-Bahae  
Air Force Office of Scientific Research \$765,658  
Consortium for Laser-Induced Cooling in Solids

James Welch  
Air Force Research Laboratory \$105,692  
IPA

## **Political Science/Institute for Public Policy**

Amy Goodin  
Texas A&M University \$48,000  
Texas Air Quality

Amy Goodin  
NM Division of Vocational Rehabilitation \$10,000  
Customer Satisfaction Survey

Amy Goodin  
Twelfth Judicial District \$6,200  
Change of Venue Study

Amelia Rouse  
Sandia National Laboratories \$437,219  
CMC Visiting Research Scholars Program

Amelia Rouse  
Sandia National Laboratories \$117,999  
National Security Survey

Amelia Rouse  
NM Department of Finance & Administration \$32,000  
Education Reform Telephone Survey

## **Psychology**

Vincent Clark  
National Institute on Drug Abuse/NIH/DHHS \$300,000  
Clinical Neuroscience of Drug Abuse and Addiction

Timothy Goldsmith/Peder Johnson  
Federal Aviation Administration \$374,000  
Training and Assessing Aircrew Skills: Methods to Achieve  
Reliable and Valid Performance Data

Dan Matthews  
Second Judicial District Court \$64,000  
Graduate Students Will Conduct Intake Interviews to Assess  
Families Referred to the FAIR Program by the Judges

Robert Meyers  
Ohio State University \$35,367  
Treatment Outcome with Runaway Adolescents

William Miller  
National Institute on Alcohol Abuse and Alcoholism/NIH/  
DHHS \$100,440  
Programmatic Treatment Innovation Research

Jane Ellen Smith/Robert Meyers  
National Institute on Alcohol Abuse and Alcoholism/NIH/  
DHHS \$199,917  
CRA and Enhanced Job Training for Homeless Women

Claudia Tesche  
MIND Institute \$133,826  
Magnetoencephalographic Studies of Information Processing  
in Normal Subjects

*See also: Center on Alcoholism, Substance Abuse, and  
Addictions*

## **Religious Studies**

Mozafar Banihashemi/Richard Wood  
Sandia National Laboratories \$58,079  
Middle East Program at the Cooperative Monitoring Center

## **Sociology/Institute for Social Research**

Richard Boyle  
City of Albuquerque \$34,998  
Evaluation of Child Development Programs

Paul Guerin  
NM Department of Health \$50,000  
Transitional Reporting Centers Evaluation

Paul Guerin  
NM Corrections Department \$70,004  
Community Corrections Program Research Evaluation

Paul Guerin  
NM Corrections Department \$47,974  
Serious Violent Offender Reentry Program Evaluation

Paul Guerin  
City of Albuquerque \$30,000  
Information System Development and Technical Assistance

Paul Guerin  
City of Albuquerque \$23,022  
Targeted Capacity Expansion-AMCI

Paul Guerin  
City of Albuquerque \$10,800  
Albuquerque Metropolitan Central Intake Criminal Histories

Paul Guerin  
City of Albuquerque \$10,000  
Addiction Treatment Programs (ATP) Evaluation

Paul Guerin  
New Mexico CASA Network \$5,099  
New Mexico Child Abuse and Neglect Citizen Review Board

Aki Roberts  
Guggenheim (Harry Frank) Foundation \$20,881  
Violence in Urban America, 1990-2000: Impact of Changing  
Economic and Social Conditions, and Police Resources

Paul Steele  
City of Albuquerque \$10,000  
Evaluation of Project Weed and Seed

Paul Steele  
NM Public Safety Department \$39,235  
Project Safe Neighborhoods Expansion

*See also: Center on Alcoholism, Substance Abuse, and  
Addictions*

## **Speech and Hearing Sciences**

Barbara Rodriguez  
Penn State University \$90,958  
Bilingual Preschoolers: Precursors to Literacy

Amy Wohlert  
Albuquerque Public Schools \$62,391  
APS/UNM Collaborative Program in Speech-Language  
Pathology

## **DIVISION OF CONTINUING EDUCATION AND COMMUNITY SERVICES**

Rita Martinez-Purson  
NM Human Services Department \$1,697,878  
UNM CAREER WORKS

## **COLLEGE OF EDUCATION**

William Bramble/Garth Bawden  
National Endowment for the Humanities \$157,497  
Interpreting the American Image Through the Photographs  
of John Collier Jr: A Virtual Experience

William Bramble  
Gallup-McKinley County Public Schools \$214,072  
The TECHShare Project

William Bramble  
Gallup-McKinley County Public Schools \$73,813  
Education Technology Improvement Plan

Philip Duryea/Charles Fleddermann  
National Science Foundation \$34,686  
Graduate Teaching Fellows in K-12 Optics and Photonics  
Education

Viola Florez  
Albuquerque Public Schools \$3,961,019  
Albuquerque Public Schools/UNM COE Partnership Agreement

Viola Florez  
Los Lunas Public Schools \$100,566  
Los Lunas Public Schools/UNM Teacher Enhancement Program

Viola Florez  
Robert F. Kennedy Charter School \$24,321  
RFKCS/UNM Professional Development Agreement/Robert F. Kennedy Charter School

Viola Florez  
Belen Consolidated Schools \$30,416  
Belen/UNM Collaborative Teacher Enhancement Program

Viola Florez  
Albuquerque Public Schools \$632,915  
APS/UNM Pilot ESC Mental Retardation and Severe Disabilities Professional Development Agreement

Viola Florez  
Santa Fe Public Schools \$902,846  
Santa Fe/UNM Teacher Intern Exchange and Professional Development Programs

Viola Florez  
Frost Foundation \$15,000  
Mind in the Making: New Mexico

Viola Florez  
Rio Rancho Public Schools \$78,270  
Rio Rancho/UNM Resident Teacher Program

Viola Florez  
Belen Consolidated Schools \$104,968  
Belen/UNM Resident Teacher Program

Richard Kitchen/Sylvia Celedon-Pattichis  
University of Arizona \$195,964  
Center of Mathematics Education for Latino/as (CEMELA)

Rosalita Mitchell  
NM Public Education Department \$78,000  
Transition to Teaching

Rosalita Mitchell  
NM Public Education Department \$525,000  
Implementation of The Three-Tiered Teacher Licensure System

Suzanna Murphy  
NM Public Education Department \$54,000  
Professional Development Framework

Suzanna Murphy  
NM Public Education Department \$125,000  
Career Technical Education System Assessment

Carol Westby  
Department of Education \$200,000  
Project BRIDGE (Building Reading Instruction in Diverse Groups in Education)

## **Educational Leadership and Organizational Learning**

Patricia Boverie  
New Mexico Institute of Mining and Technology \$23,286  
National Optics Consortium Project

Charlotte Gunawardena  
Oklahoma State University \$186,649  
Star Schools Evaluation Project Subcontract

Michael Morris  
Albuquerque Public Schools \$88,595  
Albuquerque Community Learning Centers Project (ACLCP)

Michael Morris  
Albuquerque Public Schools \$16,905  
Albuquerque Community Schools Project (ACSP)

Vita Saavedra  
Bernalillo Public Schools \$30,924  
Bernalillo Public Schools/UNM Administrative Internship Program

Vita Saavedra  
Belen Consolidated Schools \$61,848  
Belen Consolidated Schools/UNM Administrative Internship Program

Vita Saavedra  
Nuestros Valores Charter School \$30,924  
Nuestros Valores Charter School/UNM Administrative Internship Program

## **Educational Specialties**

Virginia Blalock  
NM Public Education Department \$213,408  
Statewide Transition Initiatives

Virginia Blalock  
University of Northern Colorado \$2,990  
Project TRAC (Transition Reaching Across Communities)

Virginia Blalock  
NM Public Education Department \$10,837  
DCDT Conference Planning for Statewide Transition Initiatives

Virginia Blalock  
NM Public Education Department \$21,600  
Statewide Transition Initiatives

Elizabeth Keefe  
NM Public Education Department \$96,213  
Teacher Training on Inclusive Practices

Ruth Luckasson  
NM Public Education Department \$20,000  
Leadership Academy III: Leadership for Inclusive Schools

Ruth Luckasson  
Albuquerque Public Schools \$100,000  
Project M.O.R.E.

Michael Morris  
Albuquerque Public Schools \$88,595  
Albuquerque Community Learning Centers Project (ACLCP)

Michael Morris  
Albuquerque Public Schools \$16,905  
Albuquerque Community Schools Project (ACSP)

Michael Morris  
NM State University \$28,000  
The New Mexico Civic Engagement Initiative

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

Diane Velasquez  
University of South Florida \$24,995  
PRISMS: Pupils' Reflections on Introduction in School Math  
and Science

## **Family Development Program**

Lois Vermilya Weslowski  
NM Public Education Department \$16,365  
TANF On-Site Professional Development

## **Individual, Family, and Community Education**

Karen Heller/Donna Lockner  
Maternal and Child Health Bureau/Health Resources and  
Service \$130,000  
Nutrition Leadership Education Excellence in Pediatrics

Roxana Moreno  
National Science Foundation \$166,441  
Guided Interactive Virtual Environments (GIVEs) For Case-  
Based Learning

Roxana Moreno  
National Science Foundation \$418,761  
Assessing Cognitive Diversity: Implications for Hispanic  
Native American and White Children's Mathematics Learning

David Olguin  
NM Public Education Department \$37,500  
Next Step Plan Implementation Support

Pauline Turner  
NM Children, Youth and Family Department \$33,000  
Task Force Support

## **Language, Literacy, and Sociocultural Studies**

Rebecca Blum-Martinez  
NM Public Education Department \$8,000  
Spanish Language Immersion Institute

Joseph Suina  
NM Public Education Department \$100,000  
American Indian Educational Services

## **Multicultural Education Center**

Leroy Ortiz  
Department of Education \$238,774  
APS Career Ladder

Leroy Ortiz  
Department of Education \$239,723  
University of New Mexico—Gallup Site Title VII: Training for  
all Teachers

## **Physical Performance and Development**

Mary Campbell  
National Collegiate Athletic Association \$95,000  
National Youth Sports Program

Elba Saavedra  
Komen (Susan G.) Breast Cancer Foundation \$49,996  
Comadre a Comadre: Supporting Hispanic Women Through  
Breast Cancer Diagnosis

Debra Thrall/Paul Miko  
NM State University \$5,011  
WERC EE Administrative Support

## **Teacher Education**

Lynette Oshima  
Intel Foundation \$50,000  
Continuing Tomorrow's Teachers

Joseph Suina  
Department of Education \$899,614  
Providing Support Services to Increase American Indian  
Teachers and Administrators

Kathryn Watkins  
Army Research Office \$23,000  
Southwest Region Junior Humanities and Science Symposium

## SCHOOL OF ENGINEERING

### Alliance for Transportation Research

Judith Espinosa  
NM Environment Department \$14,155  
Environmental Justice Listening Sessions

Judith Espinosa  
NM Cultural Affairs Office \$5,000  
Engineering Assessments

Judith Espinosa  
Modoc County Transportation Commission \$5,000  
CRRRAFT Concept of Operations

Judith Espinosa  
NM Department of Transportation \$106,271  
NM Rural ITS

Judith Espinosa  
NM Department of Transportation \$52,000  
North Central Regional Transit District Organizing Pilot  
Project, Year 2

Judith Espinosa  
NM Department of Transportation \$118,000  
New Mexico Regional Transit District Technical Assistance

Judith Espinosa  
NM Public Safety Department \$20,000  
Support for Native American Homeland Security Conference

Judith Espinosa  
NM Department of Transportation \$25,000  
Establishing Freight Corridors in New Mexico

Judith Espinosa  
NM Department of Transportation \$30,000  
Wildlife Road Fatalities Project

Judith Espinosa  
NM Department of Transportation \$70,000  
Context Sensitive Design Guidance and Case Study

Judith Espinosa  
NM Department of Transportation \$50,000  
National Transportation Modeling and Analysis Program  
(NATMAP) – New Mexico

Judith Espinosa  
NM Department of Transportation \$75,000  
National Infrastructure Resource Center on Safety and  
Security (NIRCOSS), Phase I

R. Gordon McKeen  
NM Department of Transportation \$45,000  
US 64 Performance Evaluation

### Chemical and Nuclear Engineering

Plamen Atanasov  
Sandia National Laboratories \$35,000  
Renewable Biosensors Using Fluorescently-Labeled  
Siderophores

Plamen Atanasov  
Los Alamos National Laboratory \$10,000  
Growth and Utilization of Self-Assembled Protein Structures  
to Access Ordered Arrays of Magnetic Nanoclusters

C. Jeffrey Brinker  
University of Virginia \$110,000  
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 \$105,334  
Self-Assembly of Multifunctional Ceramic 3-D Photonic  
Structures for Integrated Sensors

Robert Busch  
Texas A&M Research Foundation \$55,085  
Extended Education with UNM's AGN-201 M Reactor

Gary Cooper  
Sandia National Laboratories \$149,369  
Neutron Diagnostic for Z and NIF

Julia Fulghum  
Sandia National Laboratories \$27,695  
Molecular Dynamics Simulation

Julia Fulghum  
Sandia National Laboratories \$80,000  
Support for Advanced Materials Lab

Julia Fulghum  
Sandia National Laboratories \$10,125  
XPS Analysis



Julia Fulghum  
Micron Technology, Inc. \$31,000  
ARXPS of Gate Oxides

Sang Han  
National Science Foundation \$84,999  
In Situ Monitoring of Surface Phenomena During Silicon  
Germanium Deposition and Etching

Ronald Loehman  
Sandia National Laboratories \$24,000  
Advanced Material Lab Support

Gabriel Lopez/Steven Brueck/Jim Brozik  
National Science Foundation \$175,000  
SENSOR: Multi-Analyte Affinity Micro-Columns with  
Amplified Multi-Parameter Fluorescence Detection

Gabriel Lopez  
Keck (W. M.) Foundation \$500,000  
A Laboratory and Research Program to Explore and Exploit  
Complex Fluid Dynamics at Nanoscale Dimensions

Gabriel Lopez  
Office of Naval Research \$100,000  
Smart Coatings for the Prevention and Release of Biofouling

H. Eric Nuttall  
University of Georgia \$8,820  
Growth of Metal & Semiconductor Nanostructures Using  
Localized Photocatalysts

Anil Prinja  
Los Alamos National Laboratory \$200,485  
Stochastic Radiation Transport

Norman Roderick  
Air Force Research Laboratory \$48,277  
IPA

Norman Roderick  
Sandia National Laboratories \$19,754  
Magnetically Driven Quasi-Spherical Implosions

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

*See also: Center for Micro-Engineered Materials*

## Civil Engineering

James Brogan  
NM Department of Transportation \$9,168  
Traffic Studies Workshop

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

Deborah Fisher  
Sandia National Laboratories \$122,736  
Capital Investment Planning in a Mission-Driven Environment

Walter Gerstle  
UniRac, Inc. \$11,037  
Solar Rack Design Software

Walter Gerstle/Timothy Ross  
Sandia National Laboratories \$54,113  
Analysis of Surface Vibrations Resulting from Machinery in  
Buildings

Jerome Hall  
NM Department of Transportation \$25,000  
Road Life Cycle Innovative Financing Evaluation (Road Life)

Kerry Howe/Arup Maji  
Los Alamos National Laboratory \$248,000  
Debris Head Loss and Chemical Effects Testing

Kerry Howe/Arup Maji  
Los Alamos National Laboratory \$75,000  
High Pressure Safety Injection Throttle Valve Testing and  
Sump Screen Penetration Testing

Kerry Howe  
MWH Americas, Inc. \$35,000  
Rio Rancho Water Reuse Study

Kerry Howe  
Sandia National Laboratories \$15,271  
Physical Modeling of Scaled Water Distribution System  
Networks

Kerry Howe  
Sandia National Laboratories \$92,000  
Controlled Precipitation and Beneficial Use of RO  
Concentrate

Kerry Howe  
Carollo Engineers \$5,000  
Membrane Flux Experiments and Fouling Assessment for the  
City of Appleton, Wisconsin

Lary Lenke  
NM Department of Transportation \$50,000  
Settlement Issues—Bridge Approach Slabs

Lary Lenke  
NM Department of Transportation \$105,100  
Field R-Value Correlation Method Development  
Transportation Contract

Lary Lenke  
Los Alamos National Laboratory \$34,500  
Syntactic Foam Testing

Arup Maji  
Air Force Research Laboratory \$3,024  
Composite Space Structures Research

Tang-Tat Ng  
Air Force Research Laboratory \$96,798  
IPA

Mahmoud Reda Taha  
Sandia National Laboratories \$40,000  
Intelligent Damage Detection for Structural Health  
Monitoring

Mahmoud Reda Taha  
NM Department of Transportation \$50,000  
Life Cycle Cost Analysis of Bridges

Mahmoud Reda Taha  
Sandia National Laboratories \$18,000  
Exploratory Investigations for Developing a Multi-  
Dimensional Fuzzy Damage Recognition Approach for  
Structural Health Monitor

Mahmoud Reda Taha  
Sandia National Laboratories \$40,000  
Intelligent Damage Detection for Structural Health

Timothy Ross  
Los Alamos National Laboratory \$133,420  
Developing of Algorithms

Timothy Ross  
Defense Threat Reduction Agency \$125,900  
Subproject

John Stormont/Julie Coonrod  
National Science Foundation \$71,730  
Research Experiences for Undergraduates in Water Resources  
Engineering

John Stormont  
Sandia National Laboratories \$1,608  
Soil Testing

Bruce Thomson  
Navajo Engineering and Construction Authority \$77,000  
Evaluating Absorption Process for Arsenic Removal of  
Drinking Water Within the NM and AZ Navajo Nation

Bruce Thomson  
Sandia National Laboratories \$25,000  
Technical Assistance for Arsenic Water Treatment Pilot Scale  
Field Testing Program

Bruce Thomson  
Kemiron Companies, Inc. \$7,000  
Evaluation of Absorption Media for Arsenic Removal

Bruce Thomson/Kerry Howe  
Sandia National Laboratories \$39,600  
Development of a Methodology to Assess the Stability of  
Arsenic Residuals from Pilot Studies

Tim Ward  
NM State University \$81,093  
WERC Administration

Tim Ward  
NM State University \$21,000  
WERC

Tim Ward/Michael Campana/Bruce Thomson  
Eurasia Foundation \$9,659  
Feasibility Study for MSEM Degree at Eurasian University,  
Astana, Kazakhstan

## Computer Science

Patrick Bridges  
Sandia National Laboratories \$40,000  
Enabling Custom Protocol Support for Scalable, High-  
Performance Applications

Patrick Bridges  
Lawrence Berkeley National Laboratory \$75,000  
High-End Computing with K42

Stephanie Forrest  
National Science Foundation \$99,999  
Automated and Adaptive Diversity for Improving Computer  
Systems Security

Deepak Kapur  
Sandia National Laboratories \$79,000  
Membership on Executive Board of CSRI

Deepak Kapur/Edward Angel/Arthur Maccabe  
Rice University \$200,000  
High Performance Networks and Data Visualization

Deepak Kapur  
National Science Foundation \$12,000  
REU Supplement: Polynomial Manipulation Using Dixon  
Resultant Formulation

Terran Lane  
Sandia National Laboratories \$40,000  
Machine Learning Methods for Parameter Acquisition in  
Cognitive Models of Human Decision-Makers

Terran Lane  
University of Oklahoma \$69,937  
Research Experiences for Undergraduates

Arthur Maccabe  
Sandia National Laboratories \$512,000  
Scalable Systems Software Research

Arthur Maccabe  
Los Alamos National Laboratory \$21,689  
Operating System and Networking for Distributed Sensor Networks

Arthur Maccabe/Patrick Bridges  
Department of Energy \$243,656  
A Framework for Adaptable Operating and Runtime Systems

Christopher Moore  
National Science Foundation \$50,000  
Phase Transitions and Critical Phenomena in NP-Complete Problems

Christopher Moore  
Army Research Office \$140,000  
Quantum Algorithms for Algebraic Problems

Bernard Moret/David Bader  
National Science Foundation \$275,480  
ITR/AP New Methods for Inferring Complex Evolutionary Histories

Bernard Moret  
National Science Foundation \$571,597  
Building the Tree of Life: A Natural Resource for Phyloinformatics and Computational Phylogenetics

Jared Saia  
Sandia National Laboratories \$40,000  
Robust and Scalable Peer to Peer Networks

Darko Stefanovic  
University of Massachusetts \$56,990  
Dynamic Cooperative Performance Optimization

Darko Stefanovic  
National Science Foundation \$191,419  
CAREER: Deoxyribozyme-Deoxyribozyme Logic, A New Computational Substrate

Darko Stefanovic  
Sandia National Laboratories \$10,000  
DNA-Based Intelligent Microsensors for Genetically Modified Organisms

Robert Veroff  
Dynamics Technology Inc. \$99,473  
Data Mining and Information Prioritization for an Attention Focusing Filter

Robert Veroff/Paul Helman  
Los Alamos National Laboratory \$75,000  
Software for Export Control

## Dean's Office

Charles Fleddermann/Philip Duryea  
National Science Foundation \$565,312  
Graduate Teaching Fellows in K-12 Optics and Photonics Education

Kevin Malloy  
Sandia National Laboratories \$25,000  
Sandia Graduate Research Fellowship

## Electrical and Computer Engineering

Chaouki Abdallah  
National Science Foundation \$57,499  
Teleautonomy in Networked Robotic Systems

Chaouki Abdallah  
Sandia National Laboratories \$14,000  
Wireless Sensor Networks

David Bader  
National Science Foundation \$89,270  
CAREER: High Performance Algorithms for Scientific Applications

David Bader  
Sandia National Laboratories \$59,003  
Designing Parallel Graph Algorithms for Multi-Threaded Architectures

David Bader  
Los Alamos National Laboratory \$40,001  
LinuxBIOS Support on Advanced 64-Bit Systems

Thomas Caudell  
Los Alamos National Laboratory \$60,000  
Critical Infrastructure Protection: Visualization of the Structure of Interdependent Networks

Thomas Caudell  
Los Alamos National Laboratory \$140,000  
Graphics Processing Unit Research for Simulation, Rendering, and Online Network Monitoring

Thomas Caudell  
Defense Threat Reduction Agency \$123,330  
Subproject for Institution

Christos Christodoulou  
Air Force Research Laboratory \$98,597  
Assessing Performance and Dysfunction of Computer Networks

John Gaudet  
Air Force Research Laboratory \$61,945  
IPA

Mark Gilmore  
National Science Foundation \$141,314  
Complex Dynamics of Turbulence and Structure in  
Magnetized Plasmas

Mark Gilmore  
Department of Energy \$186,344  
Experimental Investigation of Active Feedback Control of  
Turbulent Transport in a Magnetized Plasma

Mark Gilmore  
Air Force Research Laboratory \$45,000  
ICEPIC Modeling of Secondary Emission

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 \$211,909  
State of the Art Research on Large Ethernet Novell/Windows  
NT

Majeed Hayat  
National Science Foundation \$126,663  
Modeling and Mitigation of Communication-Delay Effects  
on Load Balancing in Large-Scale Distributed Systems

Gregory Heileman  
Honeywell Corporation \$38,375  
Machine Intelligence and Simulation Applications

Gregory Heileman  
NumerEx \$35,000  
User-Safe Virtual Laboratory Environment for High Voltage  
Radiation Source Experiments

Mohammad Jamshidi  
Air Force Research Laboratory \$71,159  
IPA

Marios Pattichis  
Kestrel Corporation \$20,000  
Spatiotemporal Video Analysis for Biomedical Imaging

L. Howard Pollard  
SAIC \$17,973  
Development of Fault Tolerant Modules for JTRS Radio

Balu Santhanam  
Miratek Corporation \$64,663  
Low Cost DRFM System Development

Edl Schamiloglu/Christos Christodoulou  
Air Force Office of Scientific Research \$1,000,000  
Compact, Portable Pulse-Power

Edl Schamiloglu/Mark Gilmore  
Air Force Office of Scientific Research \$145,000  
Measurements of Secondary Electron Yield from Materials  
with Application to Depressed Collectors

Edl Schamiloglu  
Air Force Office of Scientific Research \$346,008  
MiPRI Collaboration on High Power Microwave and Vacuum  
Electronics Source Research

Walter Shedd  
Air Force Research Laboratory \$63,890  
IPA

Scott Tyo  
National Science Foundation \$93,159  
CAREER: Polarimetry in Remote Sensing, Communications,  
and Biological Sciences

Scott Tyo  
Farr Research, Inc. \$30,000  
Electromagnetic Modeling Support

Scott Tyo  
General Dynamics Advanced Information Systems, Inc  
\$50,000  
Development of Rigorous Calibration Procedures for  
Polarimeters

Scott Tyo  
Air Force Office of Scientific Research \$108,390  
Calibration and Compensation of Instrumental Errors in  
Imaging Polarimeters

Scott Tyo/Majeed Hayat  
Air Force Office of Scientific Research \$175,485  
Infrared Imaging Polarimeter Testbed

Nader Vadiee  
NM State University \$14,000  
A Mobile Robot STEM (Science, Technology, Math and  
Engineering) on a Plate

Nader Vadiee  
NM Highlands University \$23,410  
Minority Science and Engineering Improvement Program  
(MSEIP)

*See also: Center for High Technology Materials*

## **Institute for Space Nuclear Power Studies**

Mohamed El-Genk  
South Carolina State University \$375,000  
HBCU/MEI Nuclear Engineering and Health Physics  
Education Award Program

## **Manufacturing Engineering and Industrial Relations**

Ronald Lumia  
National Science Foundation \$120,000  
Micromanipulation of Flexible and Rigid Objects

John Wood/Harry Weaver  
Economic Development Administration/Department of  
Commerce \$1,300,000  
MTTC Cleanroom Project

John Wood  
Albuquerque Technical and Vocational Institute \$107,000  
Southwest Center for Microsystems Education

John Wood  
Intel \$6,000  
Intel gift for support of MTTC Cleanroom

John Wood  
Journal Publishing Co. \$5,000  
ABQ J Fellowship

## **Mechanical Engineering**

Marc Ingber  
Sandia National Laboratories \$21,500  
Boundary Element Analysis of Suspension Flows

Marc Ingber  
Los Alamos National Laboratory \$103,332  
Nano-Scale Physics and Near-Contact Hydrodynamics

Ronald Lumia/Hy Tran  
Sandia National Laboratories \$3,207  
Support for Development of Manufacturing Technologies

Andrea Mammoli/Peter Vorobieff  
Sandia National Laboratories \$50,000  
Experimental and Modeling Studies of Superhydrophobic  
Surfaces

Paul Merritt  
Air Force Research Laboratory \$86,551  
IPA

Jonathan Phillips  
Toyota Technical Center, USA, Inc. \$120,000  
Plasma Generated Catalysts for Catalytic Converters:  
Synthesis and Testing

Arsalan Razani  
Air Force Research Laboratory \$6,696  
IPA

Yu-Lin Shen  
MesoFuel, Inc. \$11,250  
Characterization of Materials for Resistance to High-  
Temperature Hydrogen Attack

Yu-Lin Shen  
Air Force Office of Scientific Research \$100,000  
A Framework of Multiscale Modeling of Deformation in  
Crystalline Solids

Herbert Tanner  
Sandia National Laboratories \$40,000  
Cooperative Control of Tactical UGVs and UAVs for ISR

Herbert Tanner  
Los Alamos National Laboratory \$28,526  
Bayesian Radiation Maps for Detection of Weak Radiation  
Sources by Mobile Robots

C. Randall Truman/Peter Vorobieff  
Air Force Office of Scientific Research \$125,000  
Predictions of Chemical Laser Flow

C. Randall Truman  
Air Force Research Laboratory \$41,241  
IPA

C. Randall Truman  
Boeing Company \$100,000  
Technical Oversight for High Energy Laser Research

Peter Vorobieff  
Los Alamos National Laboratory \$52,000  
Experimental Analysis in Support of Physics-Based  
Validation

*See also: Center for High Performance Computing*

## **Multicultural Engineering Program**

Carlton Ami  
Arizona State University \$25,000  
WAESO: Summer Introduction to Mathematics, Engineering  
and Science

Carlton Ami  
Arizona State University \$24,440  
MEP 2005 Summer Bridge Program

Ursula Bowie  
South Carolina State University \$43,000  
UNM Summer Transportation Institute

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

Elsa Castillo/Steven Peralta  
National Action Council for Minorities in Engineering  
(NACME) \$400  
NASA/NACME Scholarship Program

Elsa Castillo/Steven Peralta  
University of Notre Dame \$1,867  
GEM Fellowship

Elsa Castillo  
DCES Educational Services \$12,216  
NASA URSP: Undergraduate Research Scholars Program

Christos Christodoulou/Steven Peralta/Elsa Castillo  
National Science Foundation \$394,268  
NSF Computer Science, Engineering, and Mathematics  
Scholarships (CSEM)

Larissa Gorbatikh/Steven Peralta  
Arizona State University \$315  
Undergraduate Peer Study Group—Dynamics

Jeanine Ingber/Steven Peralta  
Arizona State University \$315  
Undergraduate Peer Study Group—Computer Programming

Steven Peralta  
NASA-Houston \$395,000  
NASA Training Project

Steven Peralta  
Modern Technology Systems, Inc. \$65,342  
NASA Summer High School Apprenticeship Research  
Program (NASA SHARP)

Ebtisam Wilkins/Steven Peralta  
Arizona State University \$315  
Undergraduate Peer Study Group—Thermodynamics

## **New Mexico Engineering Research Institute**

Edward Barth  
Air Force Research Laboratory \$143,004  
IPA

Peter Jones  
Air Force Research Laboratory \$183,453  
IPA

## **COLLEGE OF FINE ARTS**

### **Arts of the Americas Institute**

Dorothy Baca  
New Mexico Endowment for the Humanities \$2,000  
Latina/o Film Conference

## **SCHOOL OF LAW**

Eva Caldera  
Sandia National Laboratories \$12,285  
Cognitive Systems Ethics Review

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

Marilyn O'Leary  
NM State Engineer's Office \$3,000  
Rio San Jose Adjudication

Marilyn O'Leary  
NM State Engineer's Office \$25,000  
Statutory Review

Suellyn Scarnecchia/Leo Romero  
Southwestern University School of Law \$106,250  
Teaching Services of Professor Leo M. Romero

### **Institute of Public Law**

Paul Nathanson  
NM Crime Victims Reparation Commission \$35,000  
S.T.O.P. Violence Against Women Formula Grant

Paul Nathanson  
International Association of Fish and Wildlife Agencies  
\$16,700  
Wildlife Law News Quarterly and Online Services

Paul Nathanson  
Humane Society of the United States \$30,000  
Wildlife Law News Quarterly

Paul Nathanson  
NM Public Regulation Commission \$30,000  
Assist the Commission in the Development of Utility  
Division and Other Rules

Paul Nathanson  
NM Public Regulation Commission \$20,000  
Assist the Commission in the Development of Transportation  
and Other Rules

Paul Nathanson  
NM Traffic Safety Bureau \$30,000  
Monitoring Program—State Sites

Paul Nathanson  
NM Traffic Safety Bureau \$30,000  
Judicial Education

Paul Nathanson  
NM Administrative Office of the New Mexico Courts  
\$30,000  
Alternative Dispute Resolution Seminars

Paul Nathanson  
NM Public Regulation Commission \$13,000  
Development of Corporations Bureau Rules and Other  
Related Work

Paul Nathanson  
NM Traffic Safety Bureau \$654,000  
TSB State Division Projects

Paul Nathanson  
NM Traffic Safety Bureau \$290,500  
TSB Federal Division Projects

Paul Nathanson  
NM Environment Department \$20,000  
Regulation Development and Other Related Works

Paul Nathanson  
NM Conference of Churches \$60,000  
Anti-Racism Training Institute

Paul Nathanson  
Legal Momentum \$45,876  
Web-Based Judicial Education Curriculum on Sexual Assault

Paul Nathanson  
Frances Seebe Trust \$10,000  
Conservation of Wildlife through Youth Education

Paul Nathanson  
NM Children, Youth and Family Department \$85,080  
District Attorneys and Public Defenders Training for Juvenile  
Justice Clients

## SCHOOL OF MEDICINE

### Biochemistry and Molecular Biology

Steve F. Abcouwer  
DHHS/PHS/NIH/NEI \$27,240  
VEGF Expression and ER Stress in Diabetic Retinopathy

Jeffrey K. Griffith  
NM State University \$675,890  
NM INBRE

Jeffrey K. Griffith  
U.S. Department of Defense \$112,422  
Prognostic Value of Allelic Imbalance in Prostate Biopsy

Jeffrey K. Griffith  
U.S. Department of the Army \$562,102  
Prognostic Significance of Telomere Attrition in DCIS

Jeffrey K. Griffith  
U.S. Department of the Army \$89,982  
Evaluation of Genomic Instability as an Early Event in the  
Progression of Breast Cancer

Chien-An Andy Hu  
DHHS/PHS/NIH/NCI \$221,068  
Novel Proapoptotic BH3-Only Proteins in Cancer Apoptosis

Chien-An Andy Hu  
U.S. Department of the Army \$92,723  
Mutations in PUMA Gene Cause Prostate Cancer  
Development and Aggressiveness

Tudor I. Oprea  
Givaudan Flavors Corp. \$36,332  
Compound Selection for Acquisition

Robert Orlando  
American Heart Association \$198,000  
Intracellular Lipid Accumulation in Adipocytes: Role of  
Heparan Sulfate Proteoglycans

Laurel O. Sillerud  
DHHS/PHS/NIH/NRSA \$28,148  
Cytochrome P450C24 Regulation in Prostate Cancer

Laurel O. Sillerud  
Sandia National Laboratory \$15,000  
Bioagent Detection Using Miniaturized NMR and  
Nanoparticle Amplification

David L Vanderjagt  
U.S. Department of Defense \$450,000  
Inhibition of the Pro-survival State in Breast Cancer Cells

### Cell Biology and Physiology

Oscar A. Bizzozero  
DHHS/PHS/NIH/NINDS \$277,500  
Mechanisms of No-Mediated Protein S-Nitrosylation in EAE

James M. Gale  
Ohio State University \$10,000  
Modulators of EMT in Skin Carcinogenesis

Laura V. Gonzalez Bosc  
American Heart Association \$260,000  
Transcriptional Regulation of Cardiovascular Remodeling in  
an Animal Model of Sleep Apnea

Rebecca Hartley  
DHHS/PHS/NIH/NCI \$300,375  
Novel Ways of Regulating Cyclin E in Cancer

Helen J. Hathaway  
U.S. Department of the Army \$112,500  
Functional Characterization of a Novel Estrogen-Dependent Signaling Pathway in the Mammary Gland

Nancy L. Kanagy  
Environmental Protection Agency \$1,500,000  
Diesel-Induced Vascular Dysfunction: Role of Endothelin

Nancy L. Kanagy  
QLT Inc. \$45,000  
Performance Verification

Stuart Kauffman  
National Science Foundation \$60,000  
Collaborative Research: Dynamics of Boolean Networks and Gene Expression

Stuart Kauffman  
University of Texas MD Anderson Cancer Center \$45,000  
Genomic Characterization of Cellular Differentiation and Homeostasis

Eric Prossnitz  
DHHS/PHS/NIH/NIAID \$336,600  
Regulation of Chemoattractant Receptor Activation

Eric Prossnitz  
DHHS/PHS/NIH/NIGMS \$283,500  
Arrestin Activation Probed with Mass Spectrometry

Tom Resta  
DHHS/PHS/NIH/NHLBI \$337,500  
NO-Mediated Pulmonary Vasodilation After Chronic Hypoxia

## **Center for Developmental Disabilities**

Judith E. Liddell  
Developmental Disabilities Planning Council \$25,000  
DD Parent Project

Judith E. Liddell  
DHHS/ACF/ADD \$249,999  
Pueblo Connections Implementation

Judith E. Liddell  
Northern Area Local Workforce Development Board \$19,898  
Project Go

Catherine McClain  
Bureau of Indian Affairs \$85,000  
Assessing the Feasibility of Establishing a Student Performance Information System

Catherine McClain  
Bureau of Indian Affairs \$150,000  
BIA Native American Early Learning Project

Catherine McClain  
Bureau of Indian Affairs \$14,888  
BIA Summer Institute Project Achieve

Catherine McClain  
Bureau of Indian Affairs \$270,000  
Improving Communities of Practice, Moving Forward

Catherine McClain  
Bureau of Indian Affairs \$450,000  
Improving Communities of Practice, Regional Trainings

Catherine McClain  
Developmental Disabilities Planning Council \$20,000  
Information Center for New Mexicans with Disabilities

Catherine McClain  
DHHS/HRSA \$254,978  
Rural and Early Access for Children's Healthcare (REACH)

Catherine McClain  
DHHS/HRSA/MCHB \$465,000  
New Mexico LEND Program

Catherine McClain  
NM/Department of Education \$150,000  
Early Childhood Evaluation Program – Part B

Catherine McClain  
NM/Department of Education \$35,160  
Preschool Network – AIM High

Catherine McClain  
NM/Department of Education \$326,786  
The Preschool Network for 2004-05

Catherine McClain  
NM/Devel Disabilities Planning Council \$62,000  
Information Center for New Mexicans with Disabilities/BABYNET

Catherine McClain  
NM/Devel Disabilities Planning Council \$45,000  
LINC: Library and Information Network for the Community

Catherine McClain  
NM/DOH \$912,800  
Early Childhood Evaluation Program

Catherine McClain  
NM/DOH \$277,000  
Early Childhood Evaluation Program – Part C



Catherine McClain  
NM/DOH \$18,931  
Phase One Oral Health Surveillance System Feasibility and Medicaid

Catherine McClain  
NM/DOH \$35,805  
Tip Sheets for First Responders

Catherine McClain  
NM/DOH/CDPCD \$52,568  
Health Promotion and Disease Prevention for People with Disabilities

Catherine McClain  
NM/DOH/CMS \$2,350  
CMS

Catherine McClain  
NM/DOH/CMS \$7,337  
CMS Professional Services – Cleft Lip/Cleft Palate

Catherine McClain  
NM/DOH/LTSD \$25,000  
Deaf-Blind Match

Catherine McClain  
NM/DOH/LTSD \$419,594  
Early Childhood Network

Catherine McClain  
NM/DOH/LTSD \$268,184  
Family and Community Education in Autism Spectrum Disorders

Catherine McClain  
NM/DOH/LTSD \$116,282  
Increasing Retention Rates of NM Direct Support Professionals

Catherine McClain  
NM/DOH/LTSD \$93,206  
LTSD Statewide Training Database

Catherine McClain  
NM/DOH/LTSD \$1,577,914  
Medically Fragile Case Management Program

Catherine McClain  
NM/DOH/LTSD \$92,459  
New Mexico SAFE Program

Catherine McClain  
NM/DOH/LTSD \$100,000  
Project SET

Catherine McClain  
NM/DOH/LTSD \$78,000  
Self-Directed Family Support Program

Catherine McClain  
NM/DOH/LTSD \$89,100  
Self-Directed Family Support Program

Catherine McClain  
U.S. Department of Education \$175,000  
SELF Outreach Project

Catherine McClain  
Utah State University \$68,019  
Indian Children's Program

Catherine McClain  
Utah State University \$277,813  
Indian Children's Program

Patricia L. Osbourn  
Alamogordo Public School District \$7,967  
Alamogordo Evaluations

Patricia L. Osbourn  
Albuquerque Public Schools \$7,344  
APS-ADOS Training

Patricia L. Osbourn  
Albuquerque Public Schools \$20,000  
APS-Consultation/Training on Autism

Patricia L. Osbourn  
Albuquerque Public Schools \$10,200  
APS-Friendship Making Skills

Patricia L. Osbourn  
Moriarty Municipal Schools \$8,352  
Moriarty Consultation and Training

Patricia L. Osbourn  
NM/Department of Education \$32,500  
Deaf-Blind Online

Patricia L. Osbourn  
NM/Department of Education \$100,000  
Project Set

Patricia L. Osbourn  
U.S. Department of Education \$100,912  
Project for NM Children and Youth who are Deaf-Blind

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

Leslie Cunningham-Sabo  
New Mexico State University \$38,465  
Healthy Body Awareness

Leslie Cunningham-Sabo  
NM State University \$56,928  
Healthy Path Project Development

Leslie Cunningham-Sabo NM/DOH \$57,000 Evaluation of NM Comprehensive Cancer Plan	Sally M. Davis NM/DOH/BHD \$24,000 Teen Center Prevention Services: 12-17 Youth
Leslie Cunningham-Sabo NM/DOH \$73,958 Obesity Prevention Through Physical Activity and Nutrition Program (OPPAN)	Sally M. Davis NM/DOH/BHSD \$113,750 Teen Center Prevention Services: 12-17 Youth
Leslie Cunningham-Sabo NM/DOH/PHD/CDB \$44,301 Obesity Prevention Through Physical Activity and Nutrition (OPPAN)	Sally M. Davis NM/DOH/BHSD \$97,750 Teen Center Prevention Services: Pre-K-6
Sally M. Davis DHHS/CDC \$45,000 Health Promotion and Disease Prevention Research Centers	Sally M. Davis NM/PED \$39,450 Circle of Life
Sally M. Davis DHHS/CDC \$720,000 Health Promotion and Disease Prevention Research Centers	Jessica Goodkind NM/HSD \$75,000 School-Based Trauma Services
Sally M. Davis DHHS/CDC \$465,926 Participatory Research on Dissemination of PATHWAYS (PAHL)	Jessica Goodkind NM/HSD \$60,000 THRIVE-TRAUMA - Amendment
Sally M. Davis DHHS/CDC \$5,500 Travel to Chronic Disease Conference and Director's Meeting	Linda J. Penaloza Kesselman-Jones, Inc. \$11,912 SHEI Evaluation
Sally M. Davis DHHS/IHS \$65,780 IHS ACL Teen Center Program	Linda J. Penaloza NM/DOH \$72,149 HEART (TERT)
Sally M. Davis Kellogg Foundation \$21,600 4 Youth: Native American School-Based Health Care Initiative	Linda J. Penaloza NM/DOH \$84,913 YRRS (Youth Risk and Resiliency Survey) FY05
Sally M. Davis Laguna Pueblo \$26,032 Laguna Middle School Prevention Services	Linda J. Penaloza NM/DOH \$48,000 YRRS (Youth Risk and Resiliency Survey) FY06
Sally M. Davis National Indian Youth Leadership Development Project \$71,141 Venturing Beyond Prevention	Linda J. Penaloza NM/DOH/PHD/CDPCB \$255,000 Tobacco Evaluation Resources Team
Sally M. Davis New Mexico State University \$12,500 Facilitate Funding & Monitoring BIA Elementary Schools in the Dissemination of Pathways	Linda J. Penaloza NM/PED \$6,008 Youth Risk and Resiliency Survey (YRRS) Amendment
Sally M. Davis NM/DOH \$40,000 ACL Teen Center: School-Based Health Center	Gilbert Quintero Behavioral Health Research Center SW \$28,545 Youth Drug Use and Long Term Change Projects
Sally M. Davis NM/DOH/BHD \$100,275 Exemplary Practices in School-Based Behavioral Health Service Delivery	Gilbert Quintero DHHS/PHS/NIH/NIDA \$150,000 Social Context of Collegiate Prescription Drug Abuse (SCCP-DA) Year 2
	Gilbert Quintero NM/PED \$45,806 Family and Youth Research Act and Evaluation

## **Clinical and Magnetic Resonance Research Center**

Paul B. Roth  
The MIND Institute \$3,119,893  
CMRRC and Proposed Addition

## **Continuing Medical Education**

Ellen M. Cosgrove  
NM/DOH \$4,983  
3rd Annual UNM Obesity Symposium, "Overweight in Children: It's a Family Affair"

Ellen M. Cosgrove  
NM/DOH \$104,400  
Regional Health Preparedness Conferences

## **Dental Hygiene**

Charles Tatlock  
NM/DOH/PHD/FHB \$54,728  
Dental Services

## **Emergency Medical Services**

Darren Braude  
NM/DOH \$24,745  
WIPP EMS Medical Preparedness

## **Emergency Medicine**

Paul R. Cheney  
Bernalillo County Fire Department \$57,185  
Medical Director

Paul R. Cheney  
Bernalillo County Fire Department \$54,462  
Medical Director

Paul R. Cheney  
City of Albuquerque \$116,481  
Medical Director for EMS

Paul R. Cheney  
Olive View Medical Center-UCLA \$10,000  
EMERGENCY ID NET

Paul R. Cheney  
Olive View Medical Center-UCLA \$7,500  
EMERGENCY ID NET

Cameron S. Crandall  
University of California at San Francisco \$18,000  
IMPAACT Trial

Cameron S. Crandall  
University of Nevada at Reno \$594  
Suicide Surveillance in New Mexico

David Doezema  
Boston University School of Medicine  
\$3,500  
Alcohol Education Project R25

Kevin Nufer  
DHHS/PHS/OPHS/OSG \$50,001  
Medical Reserve Corps Continuation

Michael Richards  
DHHS/HRSA \$1,103,424  
Bioterrorism Training for NM Health Professionals

Michael Richards  
NM/DOH/IPEMSD \$359,700  
Bioterrorism Hospital Preparedness

Michael Richards  
NM/DOH/IPEMSD \$215,550  
Bioterrorism Hospital Preparedness

Michael Richards  
NM/DOH/IPEMSD \$20,000  
State EMS Amendment 1 EMT-Paramedic Legislature Session

Michael Richards  
NM/DOH/IPEMSD \$48,600  
State EMS Medical Director

Michael Richards  
State of New Mexico \$51,940  
EMS Expo NM State Fair

Michael Richards  
University of Oklahoma \$159,599  
Academic Center for Public Health

Diane Rimple  
State of New Mexico \$40,810  
EMS NM DPS Urban Search and Rescue

Robert E. Sapien  
DHHS/HRSA/MCHB \$114,996  
EMSC Partnership Program

Robert E. Sapien  
DHHS/HRSA/MCHB \$200,000  
EMSC Targeted Issue Continuation

Robert E. Sapien  
Merck & Company, Inc. \$29,911  
Clinical Trial

David P. Sklar  
Albuquerque Job Corps Center \$82,358  
Emergency Medical Services

David P. Sklar  
City of Rio Rancho \$17,700  
Emergency Medical Services

David P. Sklar  
Federal Emergency Management Agency \$44,587  
Lease for NM-1 DMAT Team

David P. Sklar  
Federal Emergency Management Agency \$22,002  
NM-1 DMAT Team Lease

David P. Sklar  
NM State Fair \$54,038  
NM State Fair EMS Coverage

David P. Sklar  
NM/DOT/SHTD/TSB \$60,000  
The New Mexico Pedestrian Safety Project

David P. Sklar  
Torrance County \$13,650  
Medical Director

David P. Sklar  
Torrance County \$13,000  
Medical Director

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

## Family and Community Medicine

William Athas  
NM/DOH \$32,120  
Environmental Health Data Linkage

William Athas  
NM/DOH/EHEB \$100,650  
Environmental Health Data Linkage

Daniel J. Derksen  
American Legacy Foundation \$201,507  
Tobacco Use Cessation & Prevention

Daniel J. Derksen  
DHHS/HRSA \$92,228  
Health Education and Training Centers

Daniel J. Derksen  
DHHS/HRSA \$173,086  
Model State Supported AHEC

Daniel J. Derksen  
DHHS/IHS \$407,340  
Family Practice Urgent Care Coverage

Lily Ann Dow Velarde  
Choctaw Nation of Oklahoma \$49,999  
Healthy Native Community Fellowship

Lily Ann Dow Velarde  
University of Arizona \$8,645  
Public Health Training in Maternal and Child Health

Bonnie M. Duran  
DHHS/PHS/NIH/NIMH \$137,942  
Pathways to Mental Health Services Among Native Women

Bonnie M. Duran  
Na'nizhoozhi Center, Inc. \$53,000  
Four Corners American Indian Circle of Services  
Collaborative (4CC)

Deborah Helitzer  
DHHS/CDC \$370,404  
Computerized Risk Assessment in an Employee Population

Deborah Helitzer  
Southwestern Indian Polytechnic Institute \$6,400  
SIPI Diabetes Prevention Initiative

Deborah Helitzer  
University of Texas at Tyler \$88,713  
A Program to Prevent and Reduce Agricultural Injuries on  
the Navajo Nation

Alexis L. Kaminsky  
NM/Department of Education \$40,000  
Evaluation of the Governor's Truancy Prevention Program

Nikki Katalanos  
DHHS/HRSA/BHP \$162,907  
Physician Assistant Training in Primary Care and Physician  
Assistant Faculty Development in Primary Care

Arthur Kaufman  
Albuquerque Technical Vocational Institute \$24,151  
Professional Services Agreement

Arthur Kaufman  
Bernalillo County Juvenile Detention Center \$36,663  
Bernalillo County Juvenile Detention Center Professional  
Services Agreement

Arthur Kaufman  
DHHS/HRSA \$106,038  
Academic Administrative Units in Primary Care

Arthur Kaufman  
DHHS/HRSA \$204,932  
Academic Units in Primary Care

John A. Leggott  
Albuquerque Public Schools \$67,680  
School-Based Health

John A. Leggott  
First Choice Community Health Care \$152,716  
School-Based Health Clinic: Rio Grande HS

John A. Leggott  
NM/DOH \$50,006  
Office of School Health

Lorraine Halinka Malcoe  
Emory University \$9,999  
A Social Network-Based Intervention to Reduce Lead and  
Other Heavy Metal Exposure Among Native American

Lorraine Halinka Malcoe  
Oklahoma State DOH \$12,500  
Understanding Intimate Partner Violence Against Oklahoma  
Women

Lorraine Halinka Malcoe  
Oklahoma State DOH \$12,500  
Understanding Intimate Partner Violence Against Oklahoma  
Women

Melissa Martinez  
DHHS/HRSA/BHP \$224,959  
Training in Primary Care Medicine and Dentistry

Melvina L. McCabe  
DHHS/HRSA/BHP \$323,917  
New Mexico Geriatric Education Center

Melvina L. McCabe  
DHHS/PHS/NIH/AHRQ \$460,508  
Effect of Navajo Interpreters on Diabetes Outcomes

Melvina L. McCabe  
Novo Nordisk Pharmaceuticals, Inc. \$20,004  
Impact of an Educational Audiocassette on Insulin  
Knowledge in an American Indian Group—A Pilot Study

Michael Rosenblatt  
American Osteopathic Foundation \$10,000  
Pediatric and Adult Asthma Education and Management at  
UNM Family Health Clinic: Partnering with the Community

Kerrie R. Seeger  
NM/DOH/LTSD \$156,255  
PASRR

Kerrie R. Seeger  
NM/DOH/LTSD \$438,740  
Transdisciplinary Evaluation and Support Clinic

Kristine Tollestrup  
Association of Teachers of Preventive Medicine \$199,961  
Public Health Impacts of Onsite Wastewater Disposal  
Systems

Kristine Tollestrup  
Hidalgo Medical Services \$93,798  
La Vida

Michael H. Trujillo  
DHHS/IHS \$60,000  
IHS/HSC Partnership Expansion

Betsy Vanleit  
DHHS/HRSA \$326,998  
Grants for Interdisciplinary Training for Rural Areas

Betsy Vanleit  
DHHS/HRSA/BHP \$339,742  
Rural Health Interdisciplinary Program (Q.N. Burdick)

Howard B. Waitzkin  
DHHS/PHS/NIH/NIMH \$63,000  
Mental Health Services and Global Trade

Nina B. Wallerstein  
Albuquerque Area Indian Health Board \$9,000  
Native American Research Centers for Health

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

Nina B. Wallerstein  
DHHS/IHS \$85,000  
Native American Research Centers for Health (NARCH)

Nina B. Wallerstein  
NM/DOH \$25,000  
Native Youth Tobacco Prevention Project

Teddy D. Warner  
Medical College of Wisconsin \$169,227  
Developing Ethical Practices for Genetics Testing in the  
Workplace

Teddy D. Warner  
Medical College of Wisconsin \$380,625  
Stigma and Rurality: Drug Abuse, HIV/STDs and Mental  
Illness

Robert Williams  
DHHS/PHS/NIH/NCCAM \$224,100  
Toward a Clinical Trial of Care Integration

Robert Williams  
DHHS/PHS/NIH/NHLBI \$3,263,275  
Integrating and Expanding Clinical Research Networks: RIOS  
Net and Underrepresented Population

## **Institute for Public Health**

Sarah Kotchian  
DHHS/CDC \$94,684  
IPA

Karla A. Thornton  
NM/DOH \$118,577  
NM Emerging Infections Program

Karla A. Thornton  
NM/DOH \$140,875  
NM Emerging Infections Program

Karla A. Thornton  
NM/DOH \$55,000  
NM Emerging Infections Program

Nina B. Wallerstein  
1,000 Friends of New Mexico \$17,000  
Albuquerque Alliance for Active Living

Nina B. Wallerstein  
DHHS/IHS \$74,533  
Shiprock Masters in Public Health Program

Nina B. Wallerstein  
DHHS/IHS \$90,000  
Shiprock MPH Program

Nina B. Wallerstein  
DHHS/IHS \$99,999  
Shiprock Outreach of Masters Public Health Program

Nina B. Wallerstein  
DHHS/PHS/NIH/NIAAA \$375,000  
Southwest Alcohol Research Group

William H. Wiese  
NM/DOH \$224,545  
NM Emerging Infections Program

## **Internal Medicine**

Sarah E. Allen  
Genentech, Inc. \$14,401  
Clinical Trial

Sarah E. Allen  
Genentech, Inc. \$1,224  
Clinical Trial

Sarah E. Allen  
University of Utah \$7,500  
Improving Performance Detection and Management of CFRD

Sanjeev Arora  
DHHS/AHRQ \$474,958  
Transforming Healthcare Quality through Information  
Technology (THQIT)

Sanjeev Arora  
InterMune, Inc. \$317,459  
Clinical Trial

Sanjeev Arora  
Rigel Pharmaceuticals, Inc. \$204,838  
Clinical Trial

Arthur D. Bankhurst  
Hoffman La-Roche, Inc. \$265,012  
Clinical Trial

Arthur D. Bankhurst  
Parexel, Inc. \$31,375  
Clinical Trial

Patrick J. Boyle  
DexCom \$118,205  
Clinical Trial

Patrick J. Boyle  
Eli Lilly & Company \$37,130  
Clinical Trial Agreement

Patrick J. Boyle  
Novo Nordisk Pharmaceuticals, Inc. \$1,200  
Endocrinology Journal Club

Lee K. Brown  
ResMed, Inc. \$55,500  
Clinical Trial

Scott W. Burchiel  
DHHS/PHS/NIH/NIEHS \$1,093,317  
New Mexico NIEHS Center

Mark R. Burge  
DHHS/PHS/NIH/NIDDK \$282,000  
The Effect of Ethanol on Overnight Glucose Regulation in  
Patients with Type 2 Diabetes

Thomas F. Byrd  
American Lung Association \$100,000  
The Role of Mycobacterium Abscessus Glycopeptidolipid in  
Colonization and Invasion

Kathleen M. Colleran  
Kos Pharmaceuticals, Inc. \$56,163  
Clinical Trial

Richard E. Crowell  
Lovelace Respiratory Research Institute \$229,503  
Risk Factors for Epigenetic Silencing of Lung Cancer Genes

Terry W. Duclos  
DHHS/PHS/NIH/NIAID \$250,000  
C-reactive Protein: Receptors, Ligands and Autoimmunity

Terry W. Duclos  
Veterans Administration Medical Center \$4,491  
IPA for Carol Morris

Walter B. Forman  
Harmony Home Health Services, LLC \$35,999  
Harmony Medical Director

Walter B. Forman  
Laguna Pueblo \$16,400  
Laguna Pueblo Medical Director

David Garcia  
Bayer Pharmaceutical \$67,100  
Clinical Trial Agreement

David Garcia  
McMaster University (CEBA) \$8,000  
Clinical Trial Agreement – Phase IV

Diane Wassil Goade  
DHHS/PHS/NIH/NIDCR \$300,000  
Reactivated HSV-1 Disease in Immune Compromised Hosts

Melissa Gonzales  
Colorado State University \$25,700  
Contemporary Risk Assessment

Melissa Gonzales  
Colorado State University \$12,713  
Contemporary Risk Assessment (CRA)

Carla J. Herman  
DHHS/PHS/NIH/NIDDK \$372,588  
Family Centered Diabetes Project

Carla J. Herman  
DHHS/PHS/NIH/NIDDK \$37,370  
Sharing Wisdom Minority Supplement

Carla J. Herman  
Donald W. Reynolds Foundation \$500,000  
Geriatrics Training Grant (Year 02)

Denece Kesler  
Lovelace Respiratory Research Institute \$285,082  
Occupational Health and Safety Services

Denece Kesler  
Lovelace Respiratory Research Institute \$12,548  
Safety and Health Consulting

Denece Kesler  
NM/Department of Public Safety \$40,000  
Federal Emergency Management Agency

Denece Kesler  
QTL Biosystems LLC \$26,620  
Occupational Health and Safety Services

Sue Y. Kimm  
DHHS/PHS/NIH/NHLBI \$337,361  
Genetic Epidemiology of Energy Metabolism in Black Girls

Sue Y. Kimm  
DHHS/PHS/NIH/NHLBI \$528,705  
Genetic Epidemiology of Energy Metabolism in Black Girls

Judith Kitzes  
Alaska Native Tribal Health Consortium \$1,015  
Indian Health Services Palliative Care Training

Judith Kitzes  
Arthur Vining Davis Foundation \$200,000  
A Time to Live—A Time to Die

Diane J. Klepper  
Albuquerque Technical Vocational Institute \$35,020  
Respiratory Therapy Education Program

Clifford R. Lyons  
Baylor College of Medicine \$206,265  
Dendritic Cell Response to Category A Biothreats Susceptible  
and Resistant Mice

Clifford R. Lyons  
Baylor Institute for Immunological Research \$216,578  
Dendritic Cell Response to Category A Biothreats

Clifford R. Lyons  
BIOPORT Corp. \$7,500  
Bioport Consulting and Research Services

Clifford R. Lyons  
Coley Pharmaceuticals Group \$116,978  
Pulmonary Innate Immune Activation for Bioterrorism  
Defense

Clifford R. Lyons  
deCODE Genetics, Inc. \$4,634,997  
Population Genetics Analysis Program: Immunity to  
Vaccines/Infections

Clifford R. Lyons  
Duke University Medical Center \$63,750  
Evaluation of Poxvirus Vaccine Candidates

Clifford R. Lyons  
Ligocyte \$18,770  
Ligocyte SRA

Clifford R. Lyons Sandia National Laboratory \$12,000 Consortium for Bioresearch	Gregory J. Mertz DHHS/PHS/NIH/NIAID \$705,735 Hantavirus Ecology and Disease in Chile
Clifford R. Lyons University of Louisville \$134,195 Determining Age Dependant Biowarfare Pathogen Susceptible and Resistant Mice	Gregory J. Mertz DHHS/PHS/NIH/NIAID \$300,000 Modeling for Detection of Bioterrorism and Human Hantavirus Immune Plasma for Sin Nombre Virus and Andes Virus
Clifford R. Lyons University of Nevada at Reno \$142,092 B. Anthracis: Passive Immunization with Anticapsular mAb	Gregory J. Mertz St. Louis University \$529,113 Herpes Simplex Prophalactic
Clifford R. Lyons University of Nevada at Reno \$232,953 Polypeptide Antigenemia for Early Diagnosis of Anthrax	Pope L. Moseley DHHS/PHS/NIH/NIAMS \$317,250 Heat Stroke and Hyperthermia: Applied Molecular Mechanisms
Clifford R. Lyons University of Texas HSC at Houston \$121,093 Regional Center of Excellence Anthrax Host-Pathogen	Pope L. Moseley Veterans Administration Medical Center \$613,200 VA – Contract for Interventionalist Cardiologist
Clifford R. Lyons University of Texas Medical Branch at Galveston \$923,793 RCE Small Animal Core	Pope L. Moseley Veterans Administration Medical Center \$554,198 VA – Contract for Interventionalist Cardiologist
Thomas Ma AstraZeneca Pharmaceuticals LP \$3,000 NM Gut Club	Karen B. Mulloy Association for Occupational & Env. Health Clinics \$20,000 AOEC Database Analysis
Thomas Ma Schering, Inc. \$3,500 Schering Fellowship Support for DDW 2005	Karen B. Mulloy DHHS/HRSA \$210,000 New Mexico Radiation Exposure Screening and Education Program
Thomas Ma TAP Pharmaceuticals \$15,000 Gastroenterology Grand Rounds	Karen B. Mulloy NM/DOH \$71,456 Development of Worker Health Surveillance
Thomas Ma TAP Pharmaceuticals \$30,000 GI Division Educational & Research Conferences	Karen B. Mulloy State of New Mexico \$3,398 NM Livestock
Thomas Ma Veterans Administration Medical Center \$112,238 IPA for Dongmei Ye	Karen B. Mulloy University of Texas at Tyler \$5,000 Pediatric Environmental Health Education for Healthcare Providers
Thomas Ma Veterans Administration Medical Center \$83,870 IPA for John C. Kennedy	Karen B. Mulloy University of Washington \$5,803 Former Hanford Worker Medical Monitoring Program
Thomas Ma Veterans Administration Medical Center \$70,008 VAMC On-Call Contract	Karen B. Mulloy Zenith Administrators, Inc. \$6,436 Yucca Mountain Silicosis Screening Program
Gregory J. Mertz DHHS/PHS/NIH/FIC \$49,999 Postdoctoral Training in the Hantavirus Project Ecology and Disease in Chile	Robert J. Munk Boehringer Ingelheim Pharmaceuticals \$10,000 NM AIDS InfoNet Support



Robert J. Munk Bristol Myers Squibb, Inc. \$32,000 NM AIDS InfoNet	Dominic Raj Hoffman La-Roche, Inc. \$197,455 Clinical Trial
Robert J. Munk DHHS/PHS/NIH/NLM \$49,283 NM AIDS InfoNet	Dominic Raj Hoffman La-Roche, Inc. \$73,721 Clinical Trial
Robert J. Munk Gilead Sciences, Inc. \$10,000 AIDS InfoNet – Gilead	David S. Schade Case Western Reserve University \$141,103 Epidemiology of Diabetes Intervention and Complications (EDIC)
Robert J. Munk Gilead Sciences, Inc. \$10,000 NM AIDS InfoNet	David S. Schade DHHS/PHS/NIH/NIDDK \$205,196 Diabetes Prevention Program Outcomes Study
Robert J. Munk GlaxoSmithKline \$15,000 AIDS InfoNet – GlaxoSmithKline	David S. Schade George Washington University \$48,240 Clinical Trial
Robert J. Munk GlaxoSmithKline \$10,000 NM AIDS InfoNet – GlaxoSmithKline	Mark R. Schuyler Lovelace Biomedical and Environmental Research \$40,000 Regulation of Mucous Cell Metaplasia in Asthma
Robert J. Munk Serono Laboratories, Inc. \$5,000 AIDS InfoNet	Karen Servilla Amgen, Inc. \$4,600 Educational Travel Grant
Robert J. Munk Social and Scientific Systems \$52,500 NM AIDS InfoNet – OAR	Brian Shelley McCune Charitable Foundation \$8,000 Grant Support
Robert J. Munk TIBOTEC Pharmaceuticals Limited \$7,500 NM AIDS InfoNet	David P. Sklar NM/DOT/SHTD/TSB \$151,812 Comprehensive Pedestrian Safety Program for New Mexico
Orrin B. Myers Bernalillo County \$9,500 Bernalillo County Health Council, Health Data Analyses	Christine Ail Stidley NM/DOH \$75,000 NM Environment and Health Effects Tracking Project: Biostatistical and Epidemiologic
Arti Prasad University of Maryland \$4,800 Implementing a Peer-Led Stress Management Program for Medical Students	Robert A. Taylor Duke University Medical Center \$199,500 HF Action
Dominic Raj Amgen, Inc. \$50,538 Clinical Trial	Robert A. Taylor Scios, Inc. \$110,250 ADHERE Longitudinal Module
Dominic Raj Amgen, Inc. \$282,950 Clinical Trial Agreement	Elaine Thomas GlaxoSmithKline \$3,000 NM Health Alliance 2005 Annual Meeting
Dominic Raj DHHS/PHS/NIH/NIA \$182,578 Mitochondrial Fx and mtDNA Deletion in Sarcopenia	Elaine Thomas NM/DOH/PHD/IDPCB \$19,950 STD Faculty Expansion

Elaine Thomas  
NM/DOH/PHD/IDPCB \$16,357  
STD Faculty Expansion Project

Elaine Thomas  
University of Colorado \$181,000  
Mountain Plains Regional AIDS Education and Training  
Center (MPAETC)

Elaine Thomas  
University of Colorado Health Sciences Ctr \$50,000  
AIDS Education and Training Center Title IV Border Project

Janice L. Thompson  
DHHS/CDC \$15,750  
Dissemination Plan for Revised SBS and PIC Curricula

Janice L. Thompson  
DHHS/CDC \$98,000  
Revision of SBS and PIC – NDPC Partnership

Karla A Thornton  
NM/DOH \$7,730  
Research on HIV Testing Behaviors and Related Outcomes

Debra Waters  
DHHS/PHS/NIH/NIA \$10,000  
Mitochondrial Function and Sarcopenia Supplement

S. Bruce Williams  
DHHS/HRSA \$750,193  
Title III Outpatient Early Intervention Services with Respect  
to HIV Disease

S. Bruce Williams  
DHHS/HRSA/HIV-AIDS Bureau \$337,189  
Coordinated HIV Services and Access to Research for  
Children, Youth, Women and Families

S. Bruce Williams  
NM/DOH \$6,708  
Health Management Alliance

S. Bruce Williams  
NM/DOH \$235,900  
Health Management Alliance

S. Bruce Williams  
NM/DOH/IDB \$354,331  
HIV/AIDS Regional Health Management Alliance

S. Bruce Williams  
Quintiles, Inc. \$57,752  
Clinical Trial

S. Bruce Williams  
Quintiles, Inc. \$50,525  
Clinical Trial

S. Bruce Williams  
Quintiles, Inc. \$73,352  
Clinical Trial

Philip G. Zager  
DHHS/PHS/NIH/NIDDK \$75,000  
Environmental Exposure and Kidney Disease in Zuni Indians

Philip G. Zager  
Dialysis Clinic, Inc. \$390,000  
Biostatistician Services at DCI

Philip G. Zager  
Dialysis Clinic, Inc. \$473,625  
Clinical Support Services

Philip G. Zager  
Dialysis Clinic, Inc. \$11,964  
Educational Grant – Research Fellow

## Medical Laboratory Sciences

Leslie Danielson  
DHHS/PHS/NIH/NHLBI \$25,000  
Mechanisms of Vasodilation in Pregnancy

## Molecular Genetics and Microbiology

Vojo Deretic  
Cystic Fibrosis Foundation \$74,100  
Increased TGF-Beta in CF Respiratory Epithelial Cells

Vojo Deretic  
DHHS/PHS/NIH \$360,500  
Mechanism of M. Tuberculosis Phagosomes Maturation  
Arrest

Vojo Deretic  
DHHS/PHS/NIH/FIC \$40,320  
Tuberculosis and Autophagy

Vojo Deretic  
DHHS/PHS/NIH/NIAID \$370,000  
M. Tuberculosis Defenses Against Host Oxidant Systems

Vojo Deretic  
DHHS/PHS/NIH/NIAID \$362,500  
Organelle Hyperacidification and Pseudomonas Infections in  
CF

Vojo Deretic  
DHHS/PHS/NIH/NIAID \$369,796  
Pseudomonas in Cystic Fibrosis Regulation of Mucoidy

Vojo Deretic  
Philip Morris \$184,727  
Weak Bases in Treatment of Chronic Respiratory  
Inflammation

Hattie Gresham  
DHHS/PHS/NIH/NIAID \$318,750  
Innate Immunity and Bacterial Quorum Sensing

Jac A. Nickoloff  
DHHS \$270,000  
Mammalian DSB and Recombinational Repair

Jac A. Nickoloff  
DHHS/PHS/NIH/NCI \$236,250  
Mammalian DSB and Recombinational Repair

Mary Ann Osley  
DHHS/PHS/NIH \$367,500  
Genetic Analysis of Cell Cycle Dependent Transcription

Mary Ann Osley  
Leukemia and Lymphoma Society \$55,000  
Role of Histone H2B Ubiquity in Gene Expression and Histone Methylation

Michelle A. Ozbun  
American Cancer Society \$718,333  
Nitric Oxide and Tobacco as Co-Factors with HPV in Cervical Carcinogenesis

Michelle A. Ozbun  
DHHS/PHS/NIH \$65,638  
Human Papillomavirus Synthesis and Early Infection Events (Supplement)

Michelle A. Ozbun  
DHHS/PHS/NIH/NCI \$227,718  
Human Papillomavirus Synthesis and Early Infection Events

Michelle A. Ozbun  
University of Texas Medical Branch at Galveston \$150,000  
RhPV1: A Model of HPV-Induced Anogenital Malignancies

Michelle A. Ozbun  
University of Wisconsin \$73,017  
Microbicidal Peptides to Prevent Viral STD Infection

Antonito Panganiban  
DHHS/PHS/NIH/NIAID \$225,000  
Hantavirus RNA Encapsidation

David S. Peabody  
DHHS/PHS/NIH/NIGMS \$262,500  
Genetic Analysis of a Translational Repressor

Robert Rubin  
DHHS/PHS/NIH \$287,500  
Autoimmunity Induced by Xenobiotic Action in the Thymus

Stephanie W. Ruby  
National Science Foundation \$54,771  
Identifying the Target of Spliceosomal DEAD-Box Protein Prp5

Stephanie W. Ruby  
National Science Foundation \$110,000  
Interactions in Yeast Pre-mRNA Splicing

Zhiyuan Shen  
DHHS/PHS/NIH/NCI \$266,625  
Protection of Genomic Integrity by BCCIP

Zhiyuan Shen  
DHHS/PHS/NIH/NIEHS \$262,500  
Transcription Enhanced Recombination I Mammalian Cells

Cosette M. Wheeler  
GlaxoSmithKline \$2,079,000  
Phase III HPV Vaccine Study

## Neurology

John Chapin  
Allergan \$153,100  
Clinical Trial

John Chapin  
Columbia University \$19,012  
Clinical Trial

Corey C. Ford  
Genentech, Inc. \$278,588  
Clinical Trial

Corey C. Ford  
Mt. Sinai School of Medicine \$208,620  
Clinical Trial

Glenn D. Graham  
Biomedical Research Institute – New Mexico \$34,105  
BRINM PO2904

Glenn D. Graham  
Pfizer, Inc. \$22,500  
Clinical Trial

Glenn D. Graham  
Yale University \$32,116  
Insulin Intervention After Stroke (IRIS) Trial

Mary Johnson  
DHHS/PHS/NIH/NIAAA \$75,000  
Effect on Schwann Cells and Motoneurons

Rex Jung  
The MIND Institute \$19,800  
White Matter Correlates of Higher Cognitive Functioning in Normals

Leslie Morrison  
DHHS/IHS \$1,800  
Pediatric Neurology Outreach Clinics – Gallup

Leslie Morrison  
NM/DOH \$17,500  
Amendment to CMS

Leslie Morrison  
NM/DOH/PHD/CMS \$34,000  
Outreach Pediatric Neurology Clinics

Leslie Morrison  
NM/DOH/PHD/FHB \$13,200  
Children's Medical Services

Shingo Murakami  
DHHS/PHS/NIH/NINDS \$37,500  
Computational Analysis of Genesis of ERP and ERF

Yoshio Okada  
DHHS/PHS/NIH/NCRR \$1,951,898  
Integrative Program in CNS Pathophysiology Research

Yoshio Okada  
DHHS/PHS/NIH/NCRR \$31,838  
Integrative Program in CNS Pathophysiology Research

Yoshio Okada  
DHHS/PHS/NIH/NCRR \$97,715  
Integrative Program in CNS Pathophysiology Research

Yoshio Okada  
DHHS/PHS/NIH/NINDS \$291,375  
Physiological Bases of Magnetoencephalography

Gary A. Rosenberg  
DHHS/PHS/NIH \$320,625  
Matrix Metalloproteinases and the Blood Brain Barrier

Gary A. Rosenberg  
Johnson & Johnson \$200,000  
MMP Inhibitors in Stroke

Gary A. Rosenberg  
Maxygen \$4,500  
Consulting Agreement

Gary A. Rosenberg  
The MIND Institute \$38,592  
Mind Salary for Rex Jung

Gary A. Rosenberg  
Veterans Administration Medical Center \$12,530  
IPA for Joann Harnar

Gary A. Rosenberg  
Veterans Administration Medical Center \$887  
PADRECC IPA

Jerry J. Shih  
Scirex Corporation \$282,735  
Clinical Trial

Jerry J. Shih  
University of California at Los Angeles \$56,418  
Clinical Trial

## Neurosciences

Lee Anna Cunningham  
DHHS/PHS/NIH/NINDS \$275,865  
Metalloproteinase Regulation of Neuronal Death

John Guzowski  
DHHS/PHS/NIH/NIMH \$337,500  
Memory Consolidation: Hippocampus and Gene Expression

John Guzowski  
University of Colorado \$51,597  
Conjunctive Representations in Cortex and Hippocampus

Donald Partridge  
DHHS/PHS/NIH/NIMH \$331,566  
Age-Dependent Presynaptic Action of Pregnenolone Sulfate

Nora Perrone-Bizzozero  
Biomedical Research Institute-New Mexico \$29,531  
Cortical Basic of Schizophrenia Sensory Gaiting Deficit

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NIAAA \$119,445  
Alcohol Research Training in Neurosciences

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NINDS \$257,250  
Mechanisms of Control of the GAP-43 Gene

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NINDS \$19,131  
Mechanisms of Control of the GAP-43 Gene (Research Supplement for Minority Student)

Nora Perrone-Bizzozero  
The MIND Institute \$15,475  
NMDA Receptor Dysfunction in Schizophrenia: From Human Post-Mortem to Animal Models

Nora Perrone-Bizzozero  
The MIND Institute \$200,000  
NMDA Receptor Dysfunction in Schizophrenia: From Human Post-Mortem to Animals Models

C. William Shuttleworth  
DHHS/PHS/NIH/NINDS \$247,933  
Secondary Calcium Responses and Excitotoxicity

Daniel P. Theele  
Veterans Administration Medical Center \$10,542  
Veterinary Consultation

C. Fernando Valenzuela  
DHHS/PHS/NIH/NIAAAA \$243,750  
Alcohol and Cerebellar Circuits

C. Fernando Valenzuela  
DHHS/PHS/NIH/NIAAAA \$262,500  
Alcohol and Developing Neuronal Circuits

Michael C. Wilson  
DHHS/PHS/NIH/NIMH \$335,636  
Regulation of Neurotransmission and Behavior

## **Obstetrics and Gynecology**

Laurence A. Cole  
Church & Dwight Co., Inc. \$174,338  
Collection and Evaluation of Early Pregnancy Urine Samples

Laurence A. Cole  
Church & Dwight Co., Inc. \$110,939  
Collection and Evaluation of Early Pregnancy Urine Samples

Laurence A. Cole  
Quest Diagnostics, Inc. \$39,000  
ITA and hCG and Other Glycoconjugates in Screening for  
Pregnancy Disorders

Maxine H. Dorin  
Berlex Foundation \$40,150  
Clinical Trial Agreement

Maxine H. Dorin  
Wyeth-Ayerst Research \$129,170  
Clinical Trial

Eve Espey  
American College of Obstetricians and Gynecologists  
\$25,000  
Comparison of Progestin-Only Oral Contraceptives to  
Combined Oral Contraceptives for Postpartum Breastfeeding

Kimberly Leslie  
DHHS/PHS/NIH/NCI \$319,955  
EGFR Blockade in Endometrial Cancer

Kimberly Leslie  
Gynecologic Oncology Group \$14,000  
Clinical Trial

Kimberly Leslie  
Gynecologic Oncology Group \$41,500  
GOG Clinical Trials in Gynecologic Oncology: Core Lab for  
Hormone Receptors

Sharon Phelan  
NM/DOH \$66,780  
Maternity and Infant Care

William Rayburn  
NM/DOH \$46,987  
Family Planning Program – Title X

William Rayburn  
NM/DOH \$65,002  
High Risk Prenatal Care

William Rayburn  
NM/DOH \$35,000  
High-Risk Prenatal Care

Rebecca G. Rogers  
MEDTAP International \$5,500  
Clinical Trial Agreement

Rebecca G. Rogers  
Pfizer, Inc. \$18,000  
Consultant Agreement – Detrol Study

Harriet O. Smith  
Los Alamos National Laboratory \$237,687  
Non-Invasive, Real-Time Technology for Diagnosis of  
Cervical Tissue

Harriet O. Smith  
University of California at Irvine \$13,913  
Clinical Trial Project

Harriet O. Smith  
University of California at Irvine \$69,565  
Gynecologic Oncology Group Collaborative Clinical Trial  
Project

Elizabeth Tarrant  
March of Dimes Birth Defects Foundation \$6,234  
Young Mother's Group

## **Occupational Therapy Program**

Patricia A. Burtner  
U.S. Department of Education \$200,000  
Project Escuela: Educating Students for Cultural  
Understanding, Evidence-Based Practice, Leadership  
and Advocacy

## **Office of The Dean**

Paul B. Roth  
DHHS/PHS/NIH/NCRR/CR \$2,923,133  
General Clinical Research Center

Paul B. Roth  
U.S. Department of Education \$74,400  
Establishing Oral Health Institute

## Office of the Medical Investigator

Sarah L. Lathrop  
DHHS/CDC \$96,640  
New Mexico Violent Death Reporting System

Sarah L. Lathrop  
NM/Department of Public Safety \$19,016  
National Forensic Sciences Improvement Act

Patricia J. McFeeley  
NM/Crime Victims Reparation Commission \$23,000  
A Model Intervention Project for Survivors of Homicide

Patricia J. McFeeley  
NM/Crime Victims Reparation Commission \$23,000  
A Model Intervention Project for Survivors of Homicide

Kurt B. Nolte  
DHHS/CDC \$27,601  
Infectious Disease Pathology Activity

Kurt B. Nolte  
DHHS/CDC \$44,410  
IPA

Kurt B. Nolte  
NM/DOH \$300,003  
NMDOH Bioterrorism

Ross E. Zumwalt  
NM/DOH \$6,000  
TB Autopsy Services on the Navajo Reservation

Ross E. Zumwalt  
NM/DOH/SLD \$99,000  
Professional and Technical Services

Ross E. Zumwalt  
Veterans Administration Medical Center \$323,064  
VA Autopsy Services

## Orthopaedics

Moheb S. Moneim  
Veterans Administration Medical Center \$777,552  
Orthopaedics

Moheb S. Moneim  
Veterans Administration Medical Center \$876,405  
Orthopaedics

## Pathology

Therese J. Bocklage  
Lovelace Respiratory Research Institute \$24,871  
Gene Methylation and Therapeutic Response in Lung Cancer

Therese J. Bocklage  
Lovelace Respiratory Research Institute \$25,617  
Gene Methylation and Therapeutic Response in Lung Cancer

Kendall Crookston  
Blood Systems Foundation \$49,785  
Transfusion Medicine Fellowship Program at the University  
of New Mexico

Brian L. Hjelle  
Chiron Corporation \$327,129  
Development/Rapid Diagnostic Tests for Hantaviruses

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID \$247,632  
Replicative and Cell Entry Inhibitors for Hantaviruses

Richard S. Larson  
DHHS/PHS/NIH/NCI \$237,000  
Microenvironmental Mechanisms of Leukemia Cell Survival  
and Patient Prognosis

Richard S. Larson  
National Science Foundation \$91,000  
Biologic Ligand-Based Detection Systems for Biodefense

Richard S. Larson  
National Science Foundation \$242,243  
Biologic Ligand-Based Detection Systems for Biodefense

Richard S. Larson  
University of Virginia \$95,985  
Selectin, Chemokine and Integrin Control of Vascular  
Leukocyte Targeting

Mary F. Lipscomb  
DHHS/PHS/NIH/NHLBI \$1,508,900  
Immune Dysregulation in Allergic Asthma

Mary F. Lipscomb  
DHHS/PHS/NIH/NIAID \$180,923  
Biology of Infectious Diseases and Inflammation

Janet M. Oliver  
Sandia National Laboratory \$62,040  
SNL/LDRD

Larry A. Sklar  
DHHS/PHS/NIH/NCI \$293,783  
Functional Protein Analysis: A Shared Resource for CRTC

Angela Wandinger-Ness  
National Science Foundation \$4,750  
Rab 7+ Accessory Protein Function in Late Endocytosis

Angela Wandinger-Ness  
National Science Foundation \$4,750  
Rab7 and Accessory Protein Function in Late Endocytosis

Angela Wandinger-Ness  
National Science Foundation \$165,000  
Rab7 and Accessory Protein Function in Late Endocytosis

Thomas M. Williams  
DHHS/PHS/NIH/NIAID \$6,984,988  
MHC Technologies for Non-Human Primates Part II

Thomas M. Williams  
Exagen Corp. \$27,170  
HCV: From Gene Expression Profiling to Biomarkers

Thomas M. Williams  
National Marrow Donor Program \$44,695  
Donor Recipient Pair Project

Bridget S. Wilson  
DHHS/PHS/NIH/NIAID \$282,099  
Mapping of Specialized Domains for FcRI Signaling and Internalization

## **PEAR**

Summers Gof Kalishman  
University of Missouri Kansas City \$2,900  
Assessing Professional Behaviors of Medical Students

## **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 HTCs

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

## Physical Therapy

Zina Daniels  
 Albuquerque Public Schools \$2,000  
 APS-UNM Collaborative Program in Physical Therapy 2004-2005



## Psychiatry

Steven N. Adelsheim  
Columbia University \$38,762  
Consultant Services Agreement

Steven N. Adelsheim  
DHHS/PHS/NIH/NIMH \$7,500  
NIMH Outreach Partnership Program

Steven N. Adelsheim  
National Indian Youth Leadership Development Project  
\$98,243  
Venturing Beyond Prevention

Steven N. Adelsheim  
NM/Children, Youth and Families Department \$53,540  
Children, Youth, and Families Rural Psychiatry

Steven N. Adelsheim  
NM/DOH \$389,777  
School Mental Health Initiative

Juan R. Bustillo  
The MIND Institute \$49,980  
Glutamatergic Excitotoxicity with H-MRS in Rats Chronically  
Exposed to PCP

Jose Canive  
American Psychiatric Institute for Research and Education  
\$49,428  
Program for Minority Research Training in Psychiatry

Jose Canive  
Biomedical Research Institute-New Mexico \$59,534  
Cortical Basis of Schizophrenia Sensory Gating Deficit

George Davis  
NM/Children, Youth and Families Department \$109,014  
Psychiatric Services at YDDC

Faith Hanlon  
The MIND Institute \$67,400  
Assessment of Lateralized Hippocampal Function in  
Schizophrenia

Paula L. Hensley  
Cephalon, Inc \$207,772  
Clinical Trial

John Lauriello  
City of Albuquerque \$58,334  
Assertive Community Treatment Program (ACT)

John Lauriello  
Eli Lilly & Company \$443,988  
Clinical Trial

John Lauriello  
Eli Lilly & Company \$515,264  
Clinical Trial

John Lauriello  
The MIND Institute \$358,134  
A Joint Study of First Episode and Chronic Schizophrenia

John Lauriello  
University of California at Irvine \$449,126  
BIRN Functional Imaging

David James Mullen  
Bernalillo County Juvenile Detention Center \$96,355  
Bernalillo County Juvenile Detention Center Psychiatric  
Services

Stephen R. Perls  
DHHS/IHS \$43,249  
Behavioral Health Quarterly Training Services

Stephen R. Perls  
GlaxoSmithKline \$3,000  
Continuing Medical Education: Depression, Heart Disease,  
and Cardiac Complications

Stefan Posse  
DHHS/PHS/NIH \$255,791  
Interactive Real-time fMRI at High Field with Automatic  
Classification of Activation Patterns

Stefan Posse  
McLean Hospital \$65,431  
High Field MR Research in Drug Abuse

Stefan Posse  
McLean Hospital \$44,579  
High Field MR Research in Drug Abuse: A Bioengineering  
Research Partnership

Stefan Posse  
The MIND Institute \$927,899  
Research Support for Stefan Posse

Alison Reeve  
Aging and Long Term Services \$61,997  
Traumatic Brain Injury

Helene B. Silverblatt  
American Psychiatric Association \$39,000  
Rural Outreach Education Program

Helene B. Silverblatt  
Border Area Mental Health Services, Inc. \$13,961  
Border Area Mental Health Services: Evaluation and  
Consultation

Helene B. Silverblatt  
City of Albuquerque \$100,750  
La Madrugada Early Head Start Program

Helene B. Silverblatt  
La Buena Vida, Inc. \$41,056  
Psychiatric Evaluations and Consultations

Helene B. Silverblatt  
La Clinica del Pueblo de Rio Arriba County \$21,909  
Psychiatric Consultation Services for Tierra Amarilla Clinic

Helene B. Silverblatt  
Las Clinicas del Norte \$6,951  
Psychiatric Consultations

Helene B. Silverblatt  
NM/DOH \$263,480  
Joint Powers Agreement

Helene B. Silverblatt  
Southwest Counseling Center \$52,320  
Psychiatric Consultation

Helene B. Silverblatt  
Southwest Counseling Center \$34,718  
Telemedicine and On-site Consultation

Helene B. Silverblatt  
Teambuilders Counseling Services, Inc. \$24,443  
Psychiatric Services

Robert J. Thoma  
Biomedical Research Institute-New Mexico \$61,211  
Cortical Basis of Schizophrenia Sensory Gaiting Deficit

Robert J. Thoma  
Biomedical Research Institute-New Mexico \$3,193  
Cortical Basis of Schizophrenia Sensory Gaiting Deficit

Robert J. Thoma  
The MIND Institute \$39,253  
Agreement with The MIND Institute

Sean Yutzy  
City of Albuquerque \$694,521  
Bernalillo County Detention Center Psychiatric Services

Sean Yutzy  
City of Albuquerque \$247,225  
Metro Detention Center Psychiatric and Mental Health Services

## Radiology

Cheryl J. Aine  
DHHS/PHS/NIH/NIA \$267,357  
Functional Imaging of Aging and AD

Cheryl J. Aine  
The MIND Institute \$99,995  
Information Processing Stages of Social Affect in Normal and Schizophrenic Patients Determined by MEG/MRI

Fred A. Mettler Jr.  
Veterans Administration Medical Center \$1,619,290  
VAMC Radiology Services – Year 3

Michael R. Williamson  
Veterans Administration Medical Center \$1,619,290  
VAMC Radiology Services – Year 3

## Research and Graduate Studies

Laurie Hudson  
DHHS/PHS/NIH/NIGMS \$209,792  
Southwest Graduate Coalition Bridges to the Doctorate

Laurie Hudson  
Lovelace Respiratory Research Institute \$62,194  
LRRI/UNM BSGP Administrative Support

Laurie Hudson  
Lovelace Respiratory Research Institute \$244,609  
LRRI/UNM BSGP Fellowship

John L. Omdahl  
Veterans Administration Medical Center \$103,434  
Institutional Review Board Agreement

## Student Affairs

Roberto Gomez  
DHHS/HRSA/BHP \$24,276  
SDS Allopathic Medicine Students – Financial Aid

Roberto Gomez  
DHHS/HRSA/BHP \$129,474  
SDS Allopathic Medicine Students – Financial Aid

Roberto Gomez  
DHHS/HRSA/BHP \$92,250  
SDS Dental Hygiene Baccalaureate

Roberto Gomez  
DHHS/HRSA/BHP \$6,474  
SDS Graduate Public Health Financial Aid

## Surgery

Bret R. Baack  
Veterans Administration Medical Center \$249,481  
Plastic Surgery

Bret R. Baack  
Veterans Administration Medical Center \$199,585  
Plastic Surgery

Stephen Beetstra  
DHHS/HRSA/BHP \$248,808  
Residency Training in General Dentistry

Stephen Beetstra  
NM/DOH \$173,272  
NM/DOH/PHD/FHB

Thomas A. Borden  
Veterans Administration Medical Center \$585,336  
VAMC – Urology Services

Thomas A. Borden  
Veterans Administration Medical Center \$480,936  
VAMC – Urology Services

Thomas A. Borden  
Veterans Administration Medical Center \$522,800  
VAMC – Urology Services

Thomas A. Borden  
Veterans Administration Medical Center \$222,524  
VAMC – Urology Services

Arup Das  
DHHS/PHS/NIH/NEI \$300,000  
Extracellular Proteinases in Ocular Neovascularization

Dusanka Deretic  
DHHS/PHS/NIH/NEI \$362,500  
Rhodopsin Trafficking and Photoreceptor Membrane  
Renewal

Fred S. Herzon  
Veterans Administration Medical Center \$474,764  
ENT

Fred S. Herzon  
Veterans Administration Medical Center \$579,904  
ENT

Mark L. Schluter  
NM/CFB \$57,156  
Emergency Eye Care and Vocational Rehabilitation Programs

Anthony Y. Smith  
Veterans Administration Medical Center \$50,000  
Provide Lithotripsy Services at VAMC

Anthony Y. Smith  
Veterans Administration Medical Center \$50,000  
Provide Lithotripsy Services at VAMC

Paul Turner  
Veterans Administration Medical Center \$23,580  
Provide Neurosurgery Services including Clinics for  
NMVAHCS

Paul Turner  
Veterans Administration Medical Center \$188,640  
Provide Neurosurgery Services including Clinics for  
NMVAHCS

## COLLEGE OF NURSING

Jennifer Averill  
DHHS/PHS/NIH/NINR \$224,000  
Health Care Perceptions and Issues for Rural Elders

Karen L. Carlson  
DHHS/HRSA/BHP \$20,243  
LDS/SDS Graduate Nursing

Karen L. Carlson  
DHHS/HRSA/BHP \$37,786  
LDS/SDS Nursing Baccalaureate

Jean L. Giddens  
Sigma Theta Tau, Inc. \$2,100  
A Survey of Physical Examination Skills

Roberto Gomez  
DHHS/HRSA/BHP \$9,711  
Medical Laboratory Technology – Baccalaureate

Roberto Gomez  
DHHS/HRSA/BHP \$19,421  
Scholarships for Disadvantaged Students – Physician  
Assistant

Paula Meek  
DHHS/PHS/NIH/NINR \$264,619  
Cognitive Function and Symptom Self-Management in COPD

Paula Meek  
DHHS/PHS/NIH/NINR \$293,952  
Cognitive Function and Symptom Self-Management in COPD

Kenneth Miller  
City of Albuquerque \$32,144  
Geriatric Education and Health Maintenance Clinics (GEHM  
Clinics)

Kenneth Miller  
DHHS/HRSA/BHP \$53,779  
Advanced Education Nursing Traineeship

Kenneth Miller  
DHHS/HRSA/BHP \$38,625  
Nurse Faculty Loan Program (NFLP) CFDA

Kenneth Miller  
Senior Citizen's Law Office \$56,642  
Palmer Fund Review Committee

Barbara Ann Overman  
William Randolph Hearst Foundation \$100,000  
Mentorship for Nursing Careers in the Navajo Nation

Mark B. Parshall  
DHHS/PHS/NIH/NINR \$223,129  
Testing a Measurement Model of Acute Dyspnea

## COLLEGE OF PHARMACY

Blaine Benson  
NM/DOH \$100,000  
Poison and Drug Information Center

Scott W. Burchiel  
DHHS/PHS/NIH/NIEHS \$369,000  
Mammary Signaling by Environmental Agents

Donald A. Godwin  
DHHS/HRSA/BHP \$650,000  
SDS Pharmacy Student Financial Aid

Donald A. Godwin  
Kestrel Corporation \$8,000  
Multispectral Optical Tissue Imager for Skin

Laurie Hudson  
DHHS/PHS/NIH/NCI \$289,786  
Activated EGF Receptor in Ovarian Cancer

Johnnye L. Lewis  
Bernalillo County \$62,356  
South Valley Partners in Environmental Justice

Johnnye L. Lewis  
DHHS/PHS/NIH/NIEHS \$223,700  
Dine Network for Environmental Health Project

Johnnye L. Lewis  
DHHS/PHS/NIH/NIEHS \$234,197  
Navajo Uranium Assessment and Kidney Health Project

Johnnye L. Lewis  
DHHS/PHS/NIH/NIEHS \$303,370  
Toxicant Inhalation and the Development of Parkinsons

Jim Ke Jian Liu  
American Heart Association \$198,000  
Effect of Tissue pO<sub>2</sub> on Free Radical-Mediated Cerebral  
Damage in Ischemic Stroke

Jim Ke Jian Liu  
DHHS/PHS/NIH/NIEHS \$354,950  
Oxidative Mechanism of Arsenic-Induced Carcinogenesis

Craig Marcus  
University of Washington \$80,056  
Integrated Environmental Health Middle School Project

Manjunath Prakash Pai  
Anonymous Sponsor \$26,209  
Research Grant Agreement

Manjunath Prakash Pai  
Pfizer, Inc. \$10,062  
Retrospective Analysis of Vancomycin-Induced Neutropenia  
in Patients with Serious Gram-Positive Infections

John Pieper  
Veterans Administration Medical Center \$53,593  
Good Clinical Practices Monitoring Program

Dennis W. Raisch  
Northwestern University \$66,177  
Research on Adverse Drug Events

Mary K. Walker  
American Heart Association \$65,000  
Aryl Hydrocarbon Receptor and Hypertension

Mary K. Walker  
DHHS/PHS/NIH/NIEHS \$44,315  
Fetal Dioxin Exposure and Adult Heart Disease

Mary K. Walker  
DHHS/PHS/NIH/NIEHS \$145,000  
Fetal Dioxin Exposure and Adult Heart Disease

Mary K. Walker  
DHHS/PHS/NIH/NRSA \$47,296  
Dioxin and Cardiomyocyte Growth Arrest

## UNIVERSITY COLLEGE

David Brookshire  
U.S. Geological Survey/Department of the Interior \$50,000  
Science Impact Laboratory for Policy and Economics (SILPE)  
Category 1 Center/Institute

## Native American Studies Program

Gregory Cajete  
Council of Energy Resources Tribes \$245,145  
Tribal Resource Institute in Business, Engineering, & Science  
(TRIBES)

Tiffany Lee  
American Educational Research Association \$66,516  
Educational Influence on the Development of a Native  
American Identity and on Service to Native American  
Communities

## Water Resources Program

Michael Campana/Bruce Thomson  
Eurasia Foundation \$158,689  
Development of a MS Degree in Environmental Management  
and Engineering at the L.N. Gumilyov Eurasian National  
University

Michael Campana  
Oregon State University \$6,000  
Hydropolitical Vulnerability and Resilience on the North  
American and Asian Continents

## BRANCH CAMPUSES AND EDUCATION CENTERS

### Gallup Branch

Dan Garner  
National Writing Project \$43,000  
Four Corners Writing Project

Dan Garner  
Gallup-McKinley County Public Schools \$3,000  
Four Corners Writing Project

Robert Goode/Dan Garner  
Grants-Cibola County Schools \$22,500  
Four Corners Writing Project

Kathy Head  
NM Commission on Higher Education \$105,000  
Program Development Fund Allocation for the Nursing  
Program

Ann Jarvis  
Sisters of the Blessed Sacrament \$8,600  
Developing Minority Educators Program

Charles Kaplan  
NM Public Education Department \$100,000  
Middle College Dropout Prevention Program

Charles Kaplan  
NM Public Education Department \$10,200  
Middle College Lease Payment Assistance

Thomas Kaus  
University of Alabama \$30,000  
NASA NOVA Program

Anthony Mansueto  
McNeil-Lehrer Productions \$2,000  
UNM-Gallup: Seeking Wisdom/By the People Dialogue Project

Christine Marlow  
NM Public Education Department \$150,000  
UNM Gallup Regional Advanced Technologies High School  
Planning Grant

Elizabeth Miller  
Lumina Foundation for Education \$50,000  
UNM-Gallup's Achieving the Dream

Elsie Sanchez  
NM Small Business Development Center \$158,700  
UNM-Gallup Small Business Development Center

Kamala Sharma  
National Institute of Child Health and Human  
Development/NIH \$32,400  
Biomedical and Behavioral Research Initiative at UNM-Gallup

Kamala Sharma  
Arizona State University \$315  
WAESO: General Chemistry Peer Support Group

Kamala Sharma  
Arizona State University \$315  
WASEO: UNMG Elements of General Chemistry Peer Study

Kamala Sharma  
Arizona State University \$315  
WASEO: General Chemistry II Peer Study

Harry Sheski  
NM Public Education Department \$186,641  
Education to Careers

Ann Sullivan/H.M. Zongolowicz  
NM Children, Youth and Family Department \$173,954  
Project SUCCESS

John Taylor  
NM Commission on Higher Education \$324,693  
Equipping McKinley County for the Future

John Taylor  
NM Commission on Higher Education \$20,000  
Workplace Success

John Taylor  
STATE OF NEW MEXICO \$19,232  
ABE – Instructional Materials

Paula Watt  
Arizona State University \$756  
Analysis of Lake Sediments for Environmental Pollution in  
the Four Corners Region – Phase II (WAESO)

H.M. Zongolowicz  
Bureau of Indian Affairs/Department of the Interior  
\$167,581  
BIA Leave No Child Behind Education Project: AA Degree  
Program

H.M. Zongolowicz  
Bureau of Indian Affairs/Department of the Interior  
\$132,473  
BIA Leave No Child Behind Education Project: BA Degree  
Program

H.M. Zongolowicz  
Department of Education \$364,978  
Title III: Alliance for Responsive and Coordinated  
Curriculum Change (ARCC)

H.M. Zongolowicz  
NM Commission on Higher Education \$110,000  
Program Development Fund Allocation for the Teaching  
Program

H.M. Zongolowicz  
NM Public Education Department \$150,000  
Middle College High School

H.M. Zongolowicz  
NM Public Education Department \$2,926  
Middle College High School Instructional Material

H.M. Zongolowicz  
NM Public Education Department \$310,557  
Middle College High School – State Equalization Grant

## Los Alamos Branch

Anna Mae Apodaca  
SERCO, Inc. \$13,898  
Satellite One-Stop Career Center

Patricia Boyer  
NM State University \$6,713  
UNM-Los Alamos 20th Annual Children's College

Patricia Boyer/Phyllis Mingus-Pepin  
Northern Area Local Workforce Development Board \$5,000  
Workforce Training – Advanced Paralegal Certificate Course

Patricia Boyer  
NM Small Business Development Center \$137,680  
UNM-Los Alamos Small Business Development Center

Cecilia Duenas  
NM Commission on Higher Education \$133,268  
Adult Basic Education

Cecilia Duenas  
Los Alamos National Laboratory Foundation \$1,000  
Adult Basic Education Summer Program

Shari Jobe/Carlos Ramirez  
Los Alamos National Laboratory Foundation \$1,000  
GED Instructional Support

Debbie Valdez  
Northern Area Local Workforce Development Board \$13,990  
Summer Bridge Program

## Taos Education Center

Chandler Barrett  
Department of Housing and Urban Development \$600,000  
Center for Early Care, Education and Family Support –  
Construction

Kathie Carrol  
NM Developmental Disabilities Planning Council \$7,312  
Family Support Inclusion Project: Parent Support Project

Kathie Carrol  
NM Developmental Disabilities Planning Council \$25,000  
Child Care Inclusion Project

Theresa Green  
NM Public Education Department \$89,368  
UNM-Taos Career-Technical Network

Judy Hofer  
NM Commission on Higher Education \$138,399  
Adult Basic Education

Judy Hofer  
Eastern New Mexico University \$18,000  
WRAP/ABE Work-Based Literacy

Judy Hofer  
NM Public Education Department \$2,681  
ABE Instructional Materials Allocation

Edgar Meyer  
National Science Foundation \$17,136  
Solid Models for Teaching and Research

Juan Montes  
Department of Education \$400,022  
Title V-HSI Program Management

Burt Vigil  
Eastern New Mexico University \$13,000  
WRAP/ABE Work-Based Literacy

## Valencia Branch

Kevin Begley  
NM Public Education Department \$95,643  
UNM-Valencia Instructional Project

Kevin Begley  
San Juan Community College \$402,432  
SU PARTE Valencia Campus NM Works

Kevin Begley  
Workforce Connection of Central New Mexico \$25,000  
Customized Training

Kevin Begley  
NM Public Education Department \$23,344  
Cal Perkins Redistribution Funds

Cheryl Boone  
NM Children, Youth and Family Department \$110,000  
Para Nuestros Ninos

Cheryl Boone/Joan Summerhays  
Department of Education \$13,848  
CCAMPIS Child Care Center

Maria Gandara  
NM Commission on Higher Education \$576  
Educational Assistant Associate Degree Program

Maria Gandara/Tina Kitzrow  
NM Commission on Higher Education \$496,382  
Adult Basic Education

Maria Gandara  
NM Commission on Higher Education \$39,900  
Adult Education Center

Maria Gandara  
NM Commission on Higher Education \$69,296  
Educational Assistant Associate Degree Program

Reinaldo Garcia  
NM Public Education Department \$113,988  
UNM Valencia Campus Tech Prep Consortium

Reinaldo Garcia  
Department of Education \$628,329  
Cooperating to Improve Rural Hispanic Student Success  
Through Technology

Rita Logan  
NM Commission on Higher Education \$110,000  
Gear-Up

Rita Logan  
NM Commission on Higher Education \$60,000  
Presbyterian Healthcare Workplace Literacy Project

Bea Sanchez  
Department of Education \$220,000  
Upward Bound

Roberta Scott  
NM Small Business Development Center \$161,974  
Small Business Development Center UNM-Valencia Campus,  
Serving Valencia, Socorro and Torrance Counties

Lyn White  
Department of Education \$228,819  
TRIO: Student Support Services Program

## PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Benny Shendo  
NM Department of Indian Affairs \$182,000  
IPA

## Graduate Studies

Teresita Aguilar  
NM State University \$219,894  
New Mexico Alliance for Graduate Education and the  
Professoriate

## International Programs and Studies

Daniel Ortega  
Lannan Foundation \$20,000  
Network of North American Cities of Asylum

## KUNM-FM

Arcie Chapa  
McCune Charitable Foundation \$17,000  
Arcie Chapa Call-In Show

Richard Towne  
Corporation for Public Broadcasting \$85,000  
KUNM Radio Adds Digital Radio Transmission

Richard Towne  
Corporation for Public Broadcasting \$245,457  
Radio Community Service Grant

Richard Towne  
Corporation for Public Broadcasting \$15,000  
Internet Service Acquisition Grant

Richard Towne  
Frost Foundation \$5,000  
Town Hall Broadcast

Richard Towne  
New Mexico Community Foundation \$5,000  
Town Hall on Youth Engagement

Richard Towne  
New Cycle Foundation \$10,000  
Town Hall Broadcast

### **Latin American and Iberian Institute**

Cynthia Radding  
Department of Education \$219,966  
National Resource Center: New Mexico Consortium for Latin American Studies

### **National Institute for Native Leadership in Higher Education (NINLHE)**

Eloisa Chavez  
Lumina Foundation for Education \$25,000  
2005 Annual Institute and 2005 Post-Institute Meeting

### **University Art Museum**

Linda Bahm  
National Endowment for the Humanities/National Foundation on the Arts and Humanities \$3,500  
19th Century Bound Volumes Conservation Assessment

Robert Ware  
NM Endowment for the Humanities \$818  
Reservation Stories

### **University Libraries**

Rosemary Diaz  
NM Historical Records Advisory Board \$3,871  
Preservation of Albuquerque NM, City Clerk Scrapbooks, 1922-1974

Terry Gugliotta  
Getty (J. Paul) Trust \$120,000  
Campus Heritage Grant

### **Vice Provost of Extended University**

Jeronimo Dominguez  
Department of Education \$560,402  
Principal Leadership in New Mexico (LeadNM)

Robert Goode  
National Writing Project \$43,000  
Four Corners Writing Project

### **VICE PRESIDENT FOR HEALTH SCIENCES**

R. Philip Eaton  
DHHS/HRSA \$4,231,886  
HSC Education Building – Phase I

R. Philip Eaton  
NM/DOH \$145,750  
New Mexico Immunization Coalition

R. Philip Eaton  
NM/DOH \$63,063  
New Mexico Immunization Coalition

R. Philip Eaton  
U.S. Department of Energy \$1,932,000  
HSC Education Building – Phase I

### **Animal Resource Facility**

Daniel P. Theele  
DHHS/PHS/NIH/NCRR \$700,000  
Developing and Improving Institutional Animal Resources

### **Cancer Research and Treatment Center**

Tione Buranda  
DHHS/PHS/NIH/NIAID \$140,778  
Membrane Organization in Cell Signaling and Adhesion

Cynthia K. Cathcart  
GlaxoSmithKline \$87,500  
Clinical Trial

Cynthia K. Cathcart  
New Mexico Cancer Care Alliance \$20,160  
Clinical Trial

Richard Edward Dahl  
American Society of Hematology \$150,000  
The Role of the Pu.1 Ratio Directing Hematopoietic Differentiation

Robert A. Hromas  
DHHS/PHS/NIH/NCI \$249,375  
Oct-4 in Embryonal Carcinoma Differentiation

Robert A. Hromas  
DHHS/PHS/NIH/NHLBI \$80,384  
Hispanic and Native American Research Internship Program

Robert A. Hromas  
Sanofi-Syntholabo \$50,000  
UNM Sanofi Fellowship for William Adler



Fa-Chyi Lee  
New Mexico Cancer Care Alliance \$27,250  
Clinical Trial

Fa-Chyi Lee  
New Mexico Cancer Care Alliance \$19,380  
Clinical Trial

Fa-Chyi Lee  
New Mexico Cancer Care Alliance \$31,957  
Clinical Trial

Aroop Mangalik  
NSABP Foundation \$41,440  
Additional Industrial Payments for Protocols B-38 and C-08

Aroop Mangalik  
NSABP Foundation \$8,403  
Clinical Trial Amendment #20

Aroop Mangalik  
NSABP Foundation \$8,095  
Clinical Trial Amendment #5

Janet M. Oliver  
American Cancer Society \$247,500  
ACS Institutional Research Grant #192

Janet M. Oliver  
DHHS/PHS/NIH/NIGMS \$358,130  
UNM/SNL Center for the Spatio-Temporal Modeling of Cell Signaling

Ian Rabinowitz  
New Mexico Cancer Care Alliance \$65,599  
Clinical Trial

Ian Rabinowitz  
New Mexico Cancer Care Alliance \$46,762  
Clinical Trial Agreement

Melanie E. Royce  
AstraZeneca Pharmaceuticals LP \$53,030  
Clinical Trial Agreement

Melanie E. Royce  
New Mexico Cancer Care Alliance \$33,180  
Clinical Trial

Larry A. Sklar  
University of Virginia \$104,607  
Cell Migration Molecular Assemblies: Opportunities/Outreach Collaboration

Harriet O. Smith  
Gynecologic Oncology Group (GOG) \$542,007  
Clinical Trial

Claire Verschraegen  
Alfacell \$45,780  
Clinical Trial 3704P

Claire Verschraegen  
Cell Therapeutics, Inc. \$84,055  
Clinical Trial

Claire Verschraegen  
New Mexico Cancer Care Alliance \$65,318  
Clinical Trial

Claire Verschraegen  
Pfizer, Inc. \$131,670  
Clinical Trial

Cheryl L Willman  
DHHS/PHS/NIH/NCI \$26,389  
NM Minority-Based Community Clinical Oncology Program

Cheryl L. Willman  
DHHS/PHS/NIH/NCI \$476,355  
NM Minority-Based Community Clinical Oncology Program

Cheryl L. Willman  
National Childhood Cancer Foundation \$749,325  
Children's Oncology Group Chair's Grant

Cheryl L. Willman  
Southwest Oncology Group \$116,163  
Southwest Oncology Group Cooperative

Cheryl L. Willman  
Southwest Oncology Group \$178,836  
SWOG-Leukemia Repository and Reference Lab

Cheryl L. Willman  
Southwest Oncology Group \$171,821  
SWOG-Leukemia Repository and Reference Lab

Cheryl L. Willman  
Southwest Oncology Group \$27,785  
Tumor Banking for the Southwest Oncology Group

## **Epidemiology and Cancer Control**

Richard N. Baumgartner  
DHHS/PHS/NIH/NCI \$141,072  
SEER #4 Health, Eating, Activity and Lifestyle

Richard N. Baumgartner  
DHHS/PHS/NIH/NCI \$46,266  
SEER-Estradiol Assays for NM Sample

Marianne Berwick  
DHHS/PHS/NIH/NCI \$89,568  
A Model for Genetic Susceptibility: Melanoma

Marianne Berwick  
DHHS/PHS/NIH/NCI \$75,510  
Research Supplement-Minority Supplement: The Risk of  
Cancer in Fanconi Anemia

Marianne Berwick  
DHHS/PHS/NIH/NCI \$61,924  
Research Supplement-Minority Supplement: The Risk of  
Cancer in Fanconi Anemia

Marianne Berwick  
DHHS/PHS/NIH/NCI \$512,756  
Solar Exposure and Melanoma Survival

Marianne Berwick  
New York University \$15,831  
National Cancer Institute Oral Cancer RAAHP Center

Marianne Berwick  
Penrose-St. Francis Health Services \$36,488  
NM Partnership Program with Rocky Mountain CIS

Marianne Berwick  
Sloan-Kettering Institute for Cancer Research \$70,673  
The Framingham School Nevus Study

Marianne Berwick  
University of Minnesota \$54,284  
Indoor Tanning Use, DNA Repair and Risk of Melanoma

Marianne Berwick  
University of Utah \$150,253  
Rocky Mountain Cancer Genetics Coalition

Seymour Grufferman  
DHHS/PHS/NIH/NCI \$672,630  
Case-Control Study of Hodgkins' Disease in Children

Richard Hoffman  
DHHS/PHS/NIH/NCI \$158,583  
Primary Care Colorectal Cancer Screening Surveillance

Richard Hoffman  
NM/DOH \$9,350  
Evaluation and Update of NM Cancer Facts and Figures  
Handbook

Robert D. Rosenberg  
DHHS/PHS/NIH/NCI \$56,006  
New Mexico Mammography Project

Robert D. Rosenberg  
DHHS/PHS/NIH/NCI \$525,282  
New Mexico Mammography Project

Charles L. Wiggins  
DHHS/IHS \$100,000  
Technical Assistance to IHS National Epi Program

Charles L. Wiggins  
DHHS/PHS/NIH/NCI \$25,089  
SEER #3 Patterns of Care

Charles L. Wiggins  
DHHS/PHS/NIH/NCI \$51,325  
SEER – Additional Core Funding

Charles L. Wiggins  
DHHS/PHS/NIH/NCI \$22,810  
SEER Alaska Cherokee Nation

Charles L. Wiggins  
NM/DOH \$6,600  
Data Surveillance and Tracking – B&CC Program

Charles L. Wiggins  
U.S. Department of Justice \$3,000  
Radiation Exposure Compensation Program

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

Holly Shipp Buchanan  
National Library of Medicine \$7,000  
NLM Second Year Associate Fellowship

Janis B. Teal  
National Network of Libraries of Medicine \$40,000  
Tribal Connections Four Corners Collaboration

Janis B. Teal  
New Mexico Medical Society \$6,000  
Oral History Project

Janis Teal  
University of Denver \$4,564  
Rocky Mountain Online Archive Project

## **Office of Special Projects**

Arthur Kaufman  
NM/DOH \$29,839  
Statewide 24-Hour Health Advice Line

## **Poison Control**

Blaine Benson  
DHHS/HRSA \$114,686  
Enhancing Poison Center Services in New Mexico

Blaine Benson  
NM/DOH/PHD/IPEMS \$40,000  
Poison and Drug Information

## Telemedicine

Dale C. Alverson  
Department of Veterans Affairs \$139,437  
Pacific Telehealth and Technology Hui (Hui), Virtual  
Environment Acquisition Development

Dale C. Alverson  
Department of Veterans Affairs \$59,761  
Pacific Telehealth and Technology Hui (Hui), Virtual  
Environment Acquisition Development

Dale C. Alverson  
Henry M. Jackson Foundation \$61,118  
V&V of a Distributed Immersive VE for Med Ed

## Undergraduate Medical Education

Stewart P. Mennin  
FAIMER Institute \$29,519  
Evaluation Plan for the FAIMER Institute

## VICE PRESIDENT FOR INSTITUTIONAL ADVANCEMENT

### KNME-TV

Roxanne Allen  
McKee (Robert E. and Evelyn) Foundation \$1,500  
Earth Shaker

Ted Garcia  
Department of Commerce \$1,853,701  
Public Telecommunications Facilities Program (NTIA)

Ted Garcia  
Corporation for Public Broadcasting \$894,098  
Television Community Service Grant

Ted Garcia  
Corporation for Public Broadcasting \$18,025  
Interconnection Grant

Ted Garcia  
Corporation for Public Broadcasting \$32,175  
Television Distance Service Grant

Gilliam Gonda/Shirley Casados  
NM State University \$38,524  
Program Scheduling

Gilliam Gonda  
NM State University \$40,450  
Program Scheduling

Michael Kamins  
New Mexico Arts Division \$7,478  
Colores

Michael Kamins  
Native American Public Telecommunications \$114,746  
Songs of the Spirit

Michael Kamins  
MacNeil/Lehrer Productions \$9,999  
By The People

Michael Kamins  
McCune Charitable Foundation \$35,000  
McCune IN-Focus/Amy Biehl Documentary

Michael Kamins  
MacNeil/Lehrer Productions \$2,500  
Planning Grant

Colleen Keane/Gilliam Gonda  
Corporation for Public Broadcasting \$35,000  
TeacherLine

Colleen Keane  
Albuquerque Public Schools \$5,000  
KNME ET TeacherLine Project

Colleen Keane  
Arizona State University \$25,000  
PBS Teacherline Western Consortium

Colleen Keane  
Department of Education \$745,575  
Between the Lions: American Indian Head Start Literacy  
Initiative

Colleen Keane  
Bernalillo County \$25,000  
Ready to Learn

Colleen Keane  
Corporation for Public Broadcasting \$45,000  
Ready to Learn

## VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

Plamen Atanasov  
Los Alamos National Laboratory \$4,500  
New Mexico Workshop on Hydrogen and Fuel Cell  
Technology

Matthew Baca  
Albuquerque Public Schools \$4,150  
Inventory Design, Assessment and Assistance Project (IDAAP)

Matthew Baca  
NM Environment Department \$120,000  
Inventory Design, Assessment and Assistance Project (IDAAP)

James Brown/Geoffrey West  
Los Alamos National Laboratory \$53,000  
Joint Science and Technology Laboratory (JSTL) Proposal

Carlton Caves  
Los Alamos National Laboratory \$57,880  
UNM-LANL Partnership in Quantum Information Science

Bruce Edwards  
Los Alamos National Laboratory \$27,000  
High Throughput Flow Cytometry and Protease Screening

Stephanie Forrest  
Los Alamos National Laboratory \$64,500  
Realistic Modeling of the Immune Response in Tissue

James Gosz  
NM Agriculture Department \$270,000  
Scientific Assessment of Vegetation and Hydrologic  
Conditions in our Watersheds and River Systems

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 \$80,000  
New Nanofluidic Strategies for Efficient Biomolecular  
Separations

Kirsty Mills  
Los Alamos National Laboratory \$4,500  
Workshop: Towards a Coherent Approach to Societal and  
Ethical Issues in Nanotechnology for the State of NM

Janet Oliver  
Los Alamos National Laboratory \$4,500  
3rd New Mexico Workshop on Computational Cell Biology

Tudor Oprea  
Los Alamos National Laboratory \$50,000  
Molecular Determinants and Inhibition of Protein-Protein  
Interactions

Ted Sheppard  
Office of Naval Research \$138,392  
IPA

Taro Ueki  
Los Alamos National Laboratory \$22,116  
Principal Components and Kolmogorov Complexity in  
Nuclear Reactor Simulations

Frank Gilfeather/Mark Osinski  
Defense Threat Reduction Agency \$495,000  
DTRA: NWE Task 3.1

Frank Gilfeather/Edl Schamiloglu  
Defense Threat Reduction Agency \$475,000  
DTRA: NWE Task 3.2

Frank Gilfeather  
Defense Threat Reduction Agency \$831,390  
Student Research Associate Program

Frank Gilfeather  
Defense Threat Reduction Agency \$561,153  
Subproject

James Gosz/Terry Yates  
U.S. Fish and Wildlife Service/Department of the Interior  
\$2,929,199  
Research and Education Laboratory—Sevilleta (Design and  
Construction)

James Gosz  
National Science Foundation \$2,250,000  
NM EPSCoR

John McIver  
Lockheed Martin Corporation \$250,000  
Support for the Office for Policy, Security and Technology

John McIver/Terry Yates  
NM Department of Finance and Administration \$3,000,000  
Film Production Education Training Center and Studio ARTS  
Lab

Thomas Sigmon  
Los Alamos National Laboratory \$52,000  
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

## **Center on Alcohol, Substance Abuse, and Addictions**

Catherine Baca  
NIH \$151,769  
Primary Care Intervention for Alcohol Problems

Jason Blankenship  
Center for Substance Abuse Prevention \$600,000  
Expanding Services to Albuquerque's Runaways (E-STAR)

Philip May<sup>8</sup>  
National Institute on Alcohol Abuse and Alcoholism/NIH/  
DHHS \$260,899  
International Neuropsychological Study of FASD

Philip May<sup>8</sup>  
 San Diego State University Foundation \$35,654  
 Pilot: A FASD Epidemiology Study in Italy

Philip May<sup>8</sup>  
 National Institute of Mental Health/NIH/DHHS \$223,077  
 New Mexico Access to Research Careers in Mental Health

Philip May<sup>8</sup>  
 National Institute on Alcohol Abuse and Alcoholism/NIH/  
 DHHS \$1,461,754  
 A Trial of FAS Prevention in American Indian Communities

William Miller<sup>7</sup>  
 National Institute on Drug Abuse/NIH/DHHS \$1,555,481  
 Clinical Trials Network: New Mexico Node

William Miller<sup>7</sup>  
 National Institute on Drug Abuse/NIH/DHHS \$466,199  
 Clinical Trials Network: New Mexico Node

William Miller<sup>7</sup>  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$241,409  
 Behavioral/Pharmacologic Treatment of Alcoholism

Theresa Moyers  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$182,653  
 How Does Motivational Interviewing Reduce Alcohol Abuse

Jerome Romero/Phillip May<sup>8</sup>  
 NM Department of Health \$89,989  
 A Statewide Fetal Alcohol Syndrome Prevention Program

Natasha Slesnick/Robert Meyers  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$426,708  
 Outcome of CRA with Homeless Street Youth

Scott Tonigan  
 Research Triangle Institute \$29,065  
 COMBINE Economic Study

Scott Tonigan  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$114,534  
 Change Mechanisms in AA

Scott Tonigan  
 National Institute on Alcohol Abuse and Alcoholism/NIH/  
 DHHS \$419,112  
 A Transtheoretical Model of AA-Related Behavior Change

Kamilla Venner  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$132,130  
 Culturally-Appropriate Treatment for Native Americans

Miguel Villanueva  
 National Institute on Drug Abuse/NIH/DHHS \$165,568  
 Zuni Pueblo Veteran Project

W. Gill Woodall<sup>3</sup>  
 National Institute on Alcohol Abuse and  
 Alcoholism/NIH/DHHS \$525,315  
 Website Prevention of College Binge Drinking

W. Gill Woodall<sup>3</sup>  
 National Institute on Alcohol Abuse and Alcoholism/NIH/  
 DHHS \$518,181  
 Web-Based Responsible Beverage Service Training

W. Gill Woodall<sup>3</sup>  
 Pacific Institute for Research and Evaluation \$131,486  
 ALERT

W. Gill Woodall<sup>3</sup>  
 NM Regulation and Licensing Department \$99,991  
 Enhanced Responsible Beverage Service Curriculum for the  
 NM Alcohol Server Training Program

W. Gill Woodall<sup>3</sup>  
 Cooper Institute-Denver \$181,846  
 Internet: A Change Agency for Rural Multicultural Adults

Jill Anne Yeagley  
 The Albuquerque Partnership \$64,048  
 UNM – TARGET

Jill Anne Yeagley  
 NM Traffic Safety Bureau \$18,200  
 Campus DWI Prevention

Jill Anne Yeagley  
 NM Department of Health \$63,045  
 TUPAC

### **Center for High Performance Computing**

Marc Ingber<sup>5</sup>  
 Air Force Research Laboratory \$721  
 IPA for Andrew Pineda

### **Center for High Technology Materials**

Steven Brueck<sup>4, 6</sup>  
 Defense Advanced Research Projects Agency \$40,000  
 High Capacity Optoelectronics Interconnects

Steven Brueck<sup>4, 6</sup>  
 Air Force Office of Scientific Research \$164,115  
 Optoelectronics Research Center

Steven Brueck <sup>4, 6</sup> Sandia National Laboratories \$60,000 Growth of Direct Patterned Quantum Dots	Jean-Claude Diels <sup>4, 6</sup> Ionatron, Inc. \$135,198 Study of Filamentation in the UV
Steven Brueck <sup>4, 6</sup> Air Force Office of Scientific Research \$64,437 Optoelectronics Research Center	Jean-Claude Diels <sup>4, 6</sup> Ball Aerospace & Technologies Corp. \$5,000 An Ultrashort Pulsed Laser Mission Utility Study
Steven Brueck <sup>4, 6</sup> Cornell University \$300,000 National Nanotechnology Information Network (NNIN)	Arthur Guenther CORD \$20,101 Step II
Steven Brueck <sup>4, 6</sup> Defense Advanced Research Projects Agency \$2,768,000 OMC: Spatial, Temporal and Spectral Localization for Advanced Photonics Capabilities	Arthur Guenther Air Force Office of Scientific Research \$85,936 IPA
Steven Brueck <sup>4, 6</sup> Air Force Research Laboratory \$111,231 IPA for Stanley Peplinski	Sang Han <sup>1</sup> National Science Foundation \$850,000 Fundamental Understanding of Nanofluidics for Advanced Bioseparation and Analysis
Steven Brueck <sup>4, 6</sup> Air Force Research Laboratory \$125,725 Developing Pulsed Fiber Lasers	Sang Han <sup>1</sup> Department of Defense \$300,000 Growing High-Quality Germanium on Silicon by Nanoscale Heterojunction Engineering
Steven Brueck <sup>4, 6</sup> Air Force Research Laboratory \$233,810 IPA for Thomas Shay	Steve Hersee <sup>4</sup> Air Force Office of Scientific Research \$62,190 Optoelectronics Research Center
Steven Brueck <sup>4, 6</sup> Air Force Office of Scientific Research \$45,000 Si Nanowire Devices for High-Performance RF and Digital Applications	Diana Huffaker <sup>4</sup> Air Force Office of Scientific Research \$143,000 HBCU/MI-Coupled Quantum Dots and Photonic Crystals for Nanophotonic Devices
Steven Brueck <sup>4, 6</sup> Intel \$140,000 Pupil Filtering and Super-Resolution Imaging in Super High NA Immersion Lithography	Diana Huffaker <sup>4</sup> /Thomas Sigmon Army Research Office \$397,300 Coupled Ferromagnetic and Quantum Dots for Spin-Based Memory Devices
Steven Brueck <sup>4, 6</sup> National Science Foundation \$250,000 Tunable IR Lasers for Gas-Phase Sensing	Diana Huffaker <sup>4</sup> Los Alamos National Laboratory \$25,000 Ingaas/Algaas Qds for Resonant Photopumping and Photoluminescence Emission
Steven Brueck <sup>4, 6</sup> National Science Foundation \$240,000 Chip-Scale Nanofluidics for Chemical and Biological Separation and Sensing	Diana Huffaker <sup>4</sup> Clemson University \$185,064 Laboratory for Advanced Photonic Composites
Roderick Devine <sup>4</sup> Air Force Research Laboratory \$1,092 IPA	Diana Huffaker <sup>4</sup> Army Research Office \$120,000 Integration of Monolithic Sb-Based Lasers with Si Circuitry
Jean-Claude Diels <sup>4, 6</sup> University of Colorado \$13,938 Stabilize Femtosecond Lasers	Ravinder Jain <sup>4</sup> Department of Energy \$149,667 Two-Photon Absorption in Quantum Dots, Quantum Dashes and Related Nanostructured Semiconductor Materials

Ravinder Jain<sup>4</sup>  
Air Force Office of Scientific Research \$245,000  
Instrumentation for Research and Research Related  
Education on the Fabrication of Advanced Optical Fibers or  
DoD Re

Ravinder Jain<sup>4</sup>  
Air Force Office of Scientific Research \$61,790  
Optoelectronics Research Center

Sanjay Krishna<sup>4</sup>  
Army Research Office \$65,000  
Study of Carrier Dynamics in Self-Assembled InAs Quantum  
Dots and InAs/InGaSb Superlattices Using Pump-Probe Spe

Sanjay Krishna<sup>4</sup>  
Air Force Office of Scientific Research \$61,485  
Optoelectronics Research Center

Sanjay Krishna<sup>4</sup>  
Air Force Office of Scientific Research \$35,738  
Polarimeter in a Pixel

Sanjay Krishna<sup>4</sup>  
National Nuclear Security Administration Service Center  
\$225,000  
Study of Carrier Dynamics within Quantum Confined Energy  
Levels in Self-Assembled Quantum Dots

Sanjay Krishna<sup>4</sup>/Majeed Hayat<sup>4</sup>  
National Science Foundation \$400,000  
SST: Mid Infrared Avalanche Photodiodes Based on  
Nanoscale Quantum Dots

Sanjay Krishna<sup>4</sup>/Majeed Hayat<sup>4</sup>/Scott Tyo<sup>4</sup>  
National Science Foundation \$406,433  
Spectrally Adaptive Infrared Photodectors for MASINT  
Applications

Sanjay Krishna<sup>4</sup>  
National Science Foundation \$6,000  
Spectrally Adaptive Smart Sensors Based on Nanoscale  
Quantum Dots – REU Supplement

Sanjay Krishna<sup>4</sup>  
Air Force Office of Scientific Research \$241,298  
Infrared Testbed for Focal Plane Arrays

Sanjay Krishna<sup>4</sup>  
National Science Foundation \$3,383  
REU Supplement- Tunable Photodetectors for MASINT  
Applications

Kevin Malloy<sup>4</sup>  
National Science Foundation \$100,000  
NER: Nanophotonic Devices Based on Direct Coupling of  
Surface Plasmons and Quantum Dots

Kevin Malloy<sup>4</sup>  
BAE Systems \$422,000  
Advanced Sensors

Kevin Malloy<sup>4</sup>  
Air Force Office of Scientific Research \$61,820  
Optoelectronics Research Center

Marek Osinski<sup>4, 6</sup>  
Air Force Office of Scientific Research \$61,986  
Optoelectronics Research Center

John Panitz<sup>6</sup>  
SRI International \$36,138  
CT X-Ray Source Development

John Panitz<sup>6</sup>  
SRI International \$52,282  
Micro Ion Thruster Development Project

Thomas Sigmon<sup>4</sup>  
Air Force Office of Scientific Research \$62,177  
Optoelectronics Research Center

## Center for Micro-Engineered Materials

Plamen Atanasov<sup>1</sup>  
NM State University \$58,333  
Nano-Scale Sensor Arrays for Environmental Monitoring

Plamen Atanasov<sup>1</sup>  
Gibbard R&D Corporation \$150,000  
Non-Platinum Electrocatalysis for Direct Methanol Fuel Cells

Plamen Atanasov<sup>1</sup>  
Sandia National Laboratories \$88,000  
Carbohydrate-Air Fuel Cells as Sustainable Microscale Power  
Sources

C. Jeffrey Brinker<sup>1</sup>  
Department of Energy \$165,000  
Novel Transport of Porous and Composite Nanostructures

C. Jeffrey Brinker<sup>1</sup>  
Department of Energy \$298,996  
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>  
University of Dayton \$27,000  
Ultrahydrophobic Coatings

Sivakumar Challa  
Sandia National Laboratories \$24,000  
Molecular Modeling of Interfacial Phenomena

Sivakumar Challa  
Sandia National Laboratories \$124,565  
Porphyrin-based Nanomaterials Synthesis, Characterization  
and Modeling

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

Abhaya Datye<sup>1</sup>  
Gratings, Inc. \$10,000  
CCMC Membership

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

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$6,400  
System Administration and Maintenance

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$24,000  
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 – Cabot Superior Micropowders

Abhaya Datye<sup>1</sup>  
Intel \$70,000  
CCMC Membership – Intel (Hillsboro)

Abhaya Datye<sup>1</sup>  
Sandia National Laboratories \$73,100  
Superhydrophobic Coatings

Abhaya Datye<sup>1</sup>  
Intel \$50,000  
CCMC Membership – Intel/Santa Clara

Abhaya Datye<sup>1</sup>  
National Science Foundation \$40,000  
Ceramic and Composite Materials Center

Abhaya Datye<sup>1</sup>  
LaSys, Inc. \$2500  
CCMC Membership

Abhaya Datye<sup>1</sup>  
Ferro \$35,000  
CMEM Membership

Timothy Ward<sup>1</sup>  
MesoFuel, Inc. \$20,000  
CCMC Membership

## **Industrial Security Department**

Barbara Daniels/Gregory Halstrom  
Air Force Research Laboratory \$19,351  
HEL-JTO Security Support

## **Institute for Applied Research Service: Bureau of Business and Economic Research Division of Government Research**

Dely Alcantara  
NM Public School Facilities Authority \$120,000  
School District Population Modeling Services

James Davis  
Behavioral Health Research Center of Southwest \$4,500  
Screening Data Matching

James Davis  
NM Traffic Safety Bureau \$360,000  
Traffic Safety Problem Identification

James Davis  
NM Taxation and Revenue Department \$9,000  
Administrative Hearing Data Analysis

James Davis  
Carfax, Inc. \$2,740  
Accident Data Agreement

Norton Francis  
New Mexico Economic Development Partnership \$24,000  
Economic Impact of an Aviation Facility in New Mexico

Robert Grassberger  
NM Commission on Higher Education \$20,000  
Presbyterian Healthcare Workplace Literacy Project

Jeffrey Mitchell  
New Mexico Restaurant Association \$13,000  
Impact of Native American Casinos on the Restaurant  
Industry in New Mexico



Jeffrey Mitchell  
NM Department of Economic Development \$15,000  
MainStreet Program's Metropolitan Redevelopment Area  
(MRA) Plan for the City of Farmington

Jeffrey Mitchell  
Department of Agriculture \$159,500  
Socio-Economic Assessment of National Forest and  
Grasslands in the New Mexico Region

Lee Reynis  
Air Force Research Laboratory \$152,286  
IPA for Ed Tull

Lee Reynis  
NM Department of Finance & Administration \$84,000  
State and Regional Forecasting Services

Lee Reynis  
City of Albuquerque \$36,000  
City/County Unification Study

Lee Reynis  
NM Energy, Minerals and Natural Resources Dept. \$20,000  
Economic Impact Assessment of Solar Power Generation  
Facilities in New Mexico

Lee Reynis  
NM Public Education Department \$11,000  
Annual Working Disabled Individuals Survey

Lee Reynis  
NM Public School Facilities Authority \$25,000  
School District Population Modeling Services

Lee Reynis  
City of Albuquerque \$35,000  
Industrial Revenue Bond (IRB) Analysis for City of  
Albuquerque

Lee Reynis  
Mustang Energy Company, LLC \$18,500  
Economic Impact of Proposed 300 Megawatt Powerplant in  
Milan, New Mexico

## **New Mexico Science Fair**

Karen Kinsman  
Intel Foundation \$10,500  
NWNM Regional Science and Engineering Fair

## **VICE PRESIDENT FOR STUDENT AFFAIRS**

### **Financial Aid**

Ron Martinez  
U.S. Department of Education \$25,058,734  
PELL

Ron Martinez  
U.S. Department of Education \$2,428,042  
Work Study

Ron Martinez  
U.S. Department of Education \$1,159,286  
SEOG

Ron Martinez  
State of New Mexico \$1,994,652  
Work Study

Ron Martinez  
State of New Mexico \$2,490,224  
SSIG

Ron Martinez  
State of New Mexico \$18,494,206  
State Lottery/Success Scholarship

## **Special Programs**

Tim Gutierrez  
Department of Education \$204,000  
Educational Opportunity Centers Program

Tim Gutierrez  
Department of Education \$228,825  
Student Support Services

Tim Gutierrez  
Kellogg (W. K.) Foundation \$5,508  
Phase III Initiative

Tim Gutierrez  
Daniels Fund \$26,000  
UNM College Prep and Scholarship Program

Tim Gutierrez  
Kellogg (W. K.) Foundation \$13,930  
ENLACE Initiative Networking Conference

Tim Gutierrez  
Department of Education \$235,000  
High School Equivalency Program

Tim Gutierrez  
Department of Education \$282,500  
College Assistance Migrant Program (CAMP)

Tim Gutierrez  
Albuquerque Public Schools \$300,000  
APS/UNM ENLACE Family Centers

Michael Morris  
Corporation for National and Community Service \$18,000  
The University of New Mexico Service Corps

Eliseo Torres  
Department of Agriculture \$14,140  
Nutritional/Medicinal Product Sharing Between Communities  
in Mexico and U.S.