6-1-1999

Contract and Grant Awards Fiscal Year 1999

Office of the Vice President for Research

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Contract & Grant Awards Report

The University of New Mexico

Office of Research Services
Message
FROM THE ASSOCIATE PROVOST FOR RESEARCH/DEAN OF GRADUATE STUDIES

I am pleased to release Contract and Grant Awards FY99, which lists contract and grant (C&G) awards received by the University of New Mexico (UNM) during the period from July 1, 1998 - June 30, 1999. These awards represent new funds that were acquired during FY99 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 FY99 total $218.6M, of which $148.6M is attributed to the main campus. These awards assist in providing resources that are necessary to improve the quality of research and teaching at UNM. They also enhance the opportunities for students to be trained in state-of-the-art laboratories in a variety of disciplines.

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

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

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

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

CONTRACT AND GRANT AWARDS AND FUNDING SOURCES FY99

Table 1a

<table>
<thead>
<tr>
<th>Total C&amp;G Awards</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total C&amp;G Awards: UNM</td>
<td>$218.6M</td>
</tr>
<tr>
<td>Total C&amp;G Awards: Main Campus</td>
<td>$148.6M (68%)</td>
</tr>
<tr>
<td>Total C&amp;G Awards: HSC</td>
<td>$69.9M (32%)</td>
</tr>
</tbody>
</table>

Table 1b

<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (UNM)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Total: $218.6M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>2%</td>
</tr>
<tr>
<td>Federal</td>
<td>58%</td>
</tr>
<tr>
<td>Industry</td>
<td>6%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>4%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>21%</td>
</tr>
<tr>
<td>Other</td>
<td>9%</td>
</tr>
</tbody>
</table>

Table 1c

<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (Main Campus)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Total: $148.6M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>1%</td>
</tr>
<tr>
<td>Federal</td>
<td>59%</td>
</tr>
<tr>
<td>Industry</td>
<td>3%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>5%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>24%</td>
</tr>
<tr>
<td>Other</td>
<td>8%</td>
</tr>
</tbody>
</table>

Table 1d

<table>
<thead>
<tr>
<th>Source of C&amp;G Awards (HSC)</th>
<th>Percentage of Total C&amp;G Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Total: $69.9M]</td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>3%</td>
</tr>
<tr>
<td>Federal</td>
<td>56%</td>
</tr>
<tr>
<td>Industry</td>
<td>13%</td>
</tr>
<tr>
<td>National Laboratories</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>State of New Mexico</td>
<td>14%</td>
</tr>
<tr>
<td>Other</td>
<td>13%</td>
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COLLEGES AND SCHOOLS

ANDERSON SCHOOLS OF MANAGEMENT

Deborah Bower
NM Taxation and Revenue Department $8,930
Taxpayer Seminars

Suleiman Kassicieh
Sandia National Laboratories $12,555
Technology Assessment and Market Feasibility of Intelligent Systems and Robotics

Howard Smith/Leslie Oakes
Council of Energy Resources Tribes $131,106
Tribes Summer Bridge Program

Steven Walsh
Sandia National Laboratories $1,000
Business Plan for Technological Entrepreneurship

School of Public Administration

Gregory Gleason
United States Information Agency $193,960
NIS College and University Partnerships Program

Water Resources Administration Program

Michael Campana
Desert Research Institute $79,943
A Multi-Level Approach to Modeling Ground- and Surface-Water Exchange in Agriculturally-Dominated Settings

Michael Campana/Olen Matthews
National Oceanic & Atmospheric Administration $6,500
Sustainable Water Resources Development in New Mexico and the Rio Grande Basin

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

SCHOOL OF ARCHITECTURE AND PLANNING

Teresa Cordova
Urban Strategies Council $3,000
Resource Center for Raza Planning

Ted Jojola
City of Albuquerque $54,495
Demographic and Socio-Economic Study of the Native American Population

Swati Patel
Youth Build New Mexico Coalition $9,331
Fall 1998 Leadership, Design, and Construction Mentorship Training Program

Stephen Schreiber
NM Endowment for the Humanities $1,951
J. B. Jackson and American Landscape

Anne Taylor
Albuquerque Public Schools $50,000
School Age Childcare

Anne Taylor
Public Service Company of New Mexico $6,000
The Rio Grande Learning Center Initiative

COLLEGE OF ARTS AND SCIENCES

Michael Fischer/Viola Florez
NM State University $160,679
New Mexico Collaborative for Excellence in Teacher Preparation

Michael Fischer/Laura Cameron
Yale University $19,832
UNM-APS Teachers Institute Planning Grant

Michael Fischer/Wanda Martin
Yale University $381,107
UNM/APS Teacher's Institute National Demonstration Project

Anthropology

Patricia Crown/Marit Munson
National Science Foundation $11,998
Prehistoric Imagery and Ethnicity on the Pajarito Plateau, New Mexico

Hillard Kaplan
National Institute on Aging $87,659
Evolutionary Approaches to the Biodemography of Aging

Hillard Kaplan/Benjamin Connor
National Science Foundation $6,736
Determinants of the Kin Assistance Patterns of Garifuna Men

Robert Leonard
National Science Foundation $4,313
Explaining Changes in Projectile Point Morphology: A Case Study from Ventana Cave, Arizona

Robert Leonard
NM Cultural Affairs Office $40,000
Paleoenvironmental and Remote Sensing of Galeana, Chihuahua, Mexico

Anne Stone
National Science Foundation $15,242
The Evolutionary History of the Genus Pan: A Molecular Investigation Using the Y Chromosome

Lawrence Straus
National Science Foundation $6,800
REU: Tardiglacial Human Adaptations in the Cantabrian Cordillera, Spain
Biology

J. Scott Altenbach
NM Energy, Minerals and Natural Resources Dept. $12,250
Evaluation of Bat Habitat and Habitat Potential in Abandoned Mines in New Mexico

Larry Barton/Bruce Thomson
NM State University $60,000
WERC: Strategies for Remediation of Sites Containing Polyaromatic Hydrocarbons (PAHs)

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

James Brown
National Science Foundation $88,000
Long-Term Monitoring and Manipulation of the Desert Granivore System

James Brown
NM Game and Fish Department $9,056
Habitat Requirements of Bell's Vireo: A Landscape Analysis of SW Populations

James Brown
National Science Foundation $960,158
Sevilleta LTER II: Biome-level Constraints on Population, Community, and Ecosystem Responses to Climate Fluctuations

Clifford Dahm
University of Alabama $334,700
IGERT: Freshwater Graduate Studies Link Fundamental Science with Applications through Integration of Ecology, Hydrology, and Geochemistry in Regions with Contrasting Climates

Jerry Dragoo
NM Game and Fish Department $20,000
Taxonomy and Conservation of Swift Foxes and Kit Foxes in New Mexico

Donald Duszynski
National Science Foundation $142,380
The Coccidia of the World

William Gannon
NM Game and Fish Department $4,000
Acoustic and Netting Sampling of Bats in New Mexico

James Gosz/Ann Evans/Donald Duszynski/Terry Yates/James Brown
National Science Foundation $860,158
Acoustic and Netting Sampling of Bats in New Mexico

V. Sylvia Gremillion
Burroughs Wellcome Fund $49,000
Realistic Modeling of the Early Visual Pathway

Gretchen Hofmann
National Science Foundation $85,268
Ecological Significance of Heat Shock Proteins as Molecular Chaperones: Temperature-Dependence of hsp Function in Marine Fish

Kristine Johnson
Nature Conservancy $6,531
Prairie Chicken Surveys

Kristine Johnson
Nature Conservancy $8,908
Lesser Prairie Chicken Surveys - Carlsbad

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

Astrid Kodric-Brown
Environmental Protection Agency $6,343
Forces Driving Rapid Introgression Between a Rare Pupfish (cyprinodon pecosensis) and its Close Congener (c. variegatus)

Astrid Kodric-Brown
National Science Foundation $118,916
Introgression in Pupfish: Role of Sexual and Natural Selection

Juanita Ladyman
Army Corps of Engineers $101,400
Threatened and Endangered Species Floristic Survey/Vegetation Community Delineation at Happy Valley, Carlsbad, NM
BaiLian Li  
Sandia National Laboratories $34,990  
Developing Ecological Indicators of Sustainable Land Use for Arid and Semi-Arid Environments

David Lightfoot  
Los Alamos National Laboratory $2,500  
Biodiversity of Ground-dwelling Arthropods Across an Elevation Gradient at the Jemez Mountains

David Lightfoot  
NM State University $24,000  
The Effects of Small Mammals on Spatial and Temporal Patterns of Vegetation in the Northern Chihuahuan Desert

Eric Loker  
National Institute of Allergy and Infectious Disease $212,295  
Biology of Trematode-Snail Associations

Eric Loker  
National Institute of Allergy and Infectious Disease $263,318  
Evolution of Schistosoma mansoni and its Snail Hosts

Timothy Lowrey  
NM Highway and Transportation Department $19,900  
NM 130 Rare Plant Mitigation Project

Diane Marshall/Ann Evans  
National Science Foundation $220,949  
Can Non-Random Mating Result in Evolutionary Change: A Selection Experiment Using Wild Radish as a Model System

Patricia Mehlhop  
Association for Biodiversity Information $4,000  
Providing the Department of Defense with Data and Information on Species of Conservation Interest

Patricia Mehlhop  
Environmental Protection Agency $20,000  
Database Product Delivery

Patricia Mehlhop  
Middle Rio Grande Council on Governments $9,214  
Developing a Regional Open Space Plan

Patricia Mehlhop/Esteban Muldavin  
Nature Conservancy $2,178  
EGR Reviews

Patricia Mehlhop/Sara Gottlieb  
Nature Conservancy $50,000  
Providing the US Air Force with Data on Species Sensitive to Noise from Low Flying Aircraft

Patricia Mehlhop  
NM Game and Fish Department $6,000  
Jemez Mountain Salamander Population Study

Patricia Mehlhop/Sara Gottlieb  
NM Game and Fish Department $70,000  
Support and Enhancement of the BISON-M Database

Patricia Mehlhop  
NM State University $15,000  
Application and Assessment of Species at Risk

Patricia Mehlhop/Michael Inglis  
U.S. Geological Survey $72,655  
Tools to Address Biodiversity Resources and Management Concerns in the Southwest

Patricia Mehlhop/Michael Inglis  
U.S. Geological Survey $25,346  
Tools to Address Biodiversity Resources and Management Concerns in the Southwest

Patricia Mehlhop  
White Sands Missile Range $285,000  
Integrated Natural Resource Management Plan, WSMR

Patricia Mehlhop  
White Sands Missile Range $47,000  
Continuation and Enhancement of the Sensitive Biological Elements Database

Robert Miller  
National Science Foundation $25,000  
International Workshop on the Immunobiology of Marsupials

Gary Miller  
University of North Carolina $44,410  
Molecular Analyses Subcontract for: High Trophic Level Ecosystem Response to Climate Change in Antarctica

Esteban Muldavin  
Bureau of Reclamation $27,254  
River Bar Vegetation Monitoring in the Middle Rio Grande

Esteban Muldavin  
Los Alamos National Laboratory $15,000  
LANL Ecological Site Assessment for the Species of Concern Habitat Management Plan: A Pilot Project

Esteban Muldavin/ Michael Inglis  
Nature Conservancy $19,507  
Biodiversity Conservation in the Chihuahuan Desert

Esteban Muldavin  
Nature Conservancy $8,190  
Kuenzler's Cactus Surveys

Esteban Muldavin  
Nature Conservancy $6,713  
Lee's Pincushion Cactus Surveys

Esteban Muldavin/ Patricia Mehlhop  
NM Environment Department $94,000  
Wetlands Assessment Protocol and GIS

Esteban Muldavin/Patricia Mehlhop  
NM Environment Department $8,418  
Field Testing and Production of the Wetlands Identification and Assessment Manual
Esteban Muldavin/Patricia Mehlhop  
U.S. Fish and Wildlife Service  $25,000  
River Bars of the Rio Grande

Mary Anne Nelson  
National Science Foundation  $29,536  
Developmental Regulation of Signal Transduction: Bcy1p in Stationary-Phase Yeast

Mary Anne Nelson  
National Science Foundation  $110,000  
The Role of Snz and Sno Proteins in the Yeast Saccharomyces Cerevisiae

Mary Anne Nelson  
National Science Foundation  $176,938  
The Neurospora Genome Project at UNM: Expressed Sequence Analyses

Robert Parmenter  
National Science Foundation  $120,000  
Research Experiences for Undergraduates Site Program with the Sevilleta LTER: Ecosystem Productivity, Biodiversity and Systematics

Felisa Smith  
University of California  $45,000  
Ecosystem Response to Increased Urbanization in Eastern Asia

Alexandra Snyder/Steven Platania  
Bureau of Reclamation  $212,194  
San Juan River Drift Studies

Maurice Valett/Clifford Dahm  
Virginia Polytechnic Institute and State Univ.  $1,260  
Nitrogen Uptake Retention and Cycling in Stream Ecosystems

Robert Waide/James Brunt/John VandeCastle  
National Science Foundation  $1,120,400  
Network Office of the U.S. Long-Term Ecological Research Network

Robert Waide  
National Science Foundation  $84,702  
IPA - Christine French

Robert Waide  
National Science Foundation  $24,995  
LTER 2000 Planning Grant: Media Production

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

Carleton White  
Forest Service  $18,850  
Ecology of Fire in Semi-Arid Grasslands: Responses Two Years After Fire

Terry Yates  
Centers for Disease Control and Prevention  $214,370  
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States

Terry Yates  
Department of the Interior  $194,480  
Inspection and Decontamination of File Boxes Potentially Infected with Hantavirus

Terry Yates/Frederick Koster  
National Institute of Allergy and Infectious Disease  $374,654  
Hantavirus Infections: Ecology, Immunity and Treatment

Terry Yates/William Gannon/Luis Ruedas  
National Science Foundation  $72,187  
Improvement of the Museum of Southwestern Biology's Biological Materials Collections: A Genetic Resource for the 21st Century

Terry Yates  
NM State Land Office  $10,000  
Biological Diversity of New Mexico State Trust Land

Terry Yates  
University of Kansas Center for Research  $256,905  
Knowledge Networking of Biodiversity Information

Chemistry

Fritz Allen  
Chromex  $23,042  
Design of a Raman Spectrometer System

Dana Brabson  
Arizona State University  $378  
WAESO: Sapphire Basic Chemistry of Next Generation Flame Extinguishing Agents

Jim Brozik  
Sandia National Laboratories  $35,000  
Photophysics of One and Two Dimensional Coordination Polymers Containing Transition Metal Centers

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

Lorraine Deck  
Arizona State University  $378  
Pyrones as Cholesterol Esterase Inhibitors

Lorraine Deck  
National Science Foundation  $55,000  
Research Experience for Chemistry Undergraduates

Debra Dunaway Mariano  
National Institute of General Medical Sciences  $281,297  
Enzyme Mechanisms
Debra Dunaway Mariano  
National Institute of General Medical Sciences  $187,556
Investigation of Pyruvate Phosphate Dikinase

Christie Enke  
National Institute of General Medical Sciences  $198,180
Advances in Biomedical Analysis by TOF Mass Spectrometry

Christie Enke  
Pfizer Inc., U.S. Pharmaceuticals Group  $52,840
Prediction and Optimization for Electrospray Ionization Mass Spectrometry

Deborah Evans  
American Chemical Society  $20,000
Quantum Mechanical Calculations of Electron Dynamics in Organic Macromolecules.

Deborah Evans  
National Science Foundation  $79,900
CAREER: Simulation and Control of Electron Dynamics in Thin Films and Dendrimers

Hua Guo  
American Chemical Society  $22,378
Multidimensional Dynamics of Photochemistry on Metal Surfaces

Hua Guo  
National Science Foundation  $88,900
Theoretical Studies of Spectroscopy and Dynamics of Molecular Systems

Martin Kirk  
National Institute of General Medical Sciences  $145,522
Spectroscopic Studies of Molybdoenzymes and Models

Patrick Mariano  
National Institute of General Medical Sciences  $204,916
Novel Approaches to Alkaloid Synthesis

Thomas Niemczyk  
Army Research Office  $98,778
Interface Characterization at the Molecular Level

Thomas Niemczyk  
Army Research Office  $30,000
Infrared Stark Effect Spectroscopy for Interface Characterization

Thomas Niemczyk  
Sandia National Laboratories  $74,304
Determination of Type III Desiccant Absorption Isotherms

Thomas Niemczyk  
Sandia National Laboratories  $21,380
New Analytical Tool for Interface Characterization at the Molecular Level

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

Communication and Journalism  
Karen Foss  
Asian Technology Information Program  $1,578
Research Support for Tomoko Masumoto

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

Everett Rogers  
United Nations Population Fund  $5,251
The Assessment of the Entertainment-Education Programme, Twende na Wakati

Estelle Zannes  
Los Alamos National Laboratory  $74,478
Research and Development of Communication Messages and Practices for the Nuclear Weapons Diversification and Industrial Partnerships Program

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

Yemane Asmerom  
Los Alamos National Laboratory  $10,000
The Role of Mantle Plumes in the Formation of New Tectonic Plates: Constraints from Basalt Geochemistry and Geochronology

Yemane Asmerom  
Sloan (Alfred P.) Foundation  $55,000
Increasing Minority PhDs in Geochemistry

Adrian Brearley  
NASA - Washington  $20,000
Mechanisms and Kinetics of Aqueous Alteration Reactions in Chondritic Meteorites

Peter Fawcett  
Sandia National Laboratories  $24,999
SURP — Impact Induced Climate Change

John Geissman  
Los Alamos National Laboratory  $12,000
Hydrothermal Processes in Pyroclastic Rocks: Implications for Cooling Igneous, Shallow Intrusions, and Rate of Change of Geomagnet

Stephen Getty/Yemane Asmerom  
National Science Foundation  $49,473
U-Pb Geochronology in Marine Carbonates: A New Approach for Age Dating in Paleoclimate Reconstructions

Stephen Getty  
NM State University  $6,000
Temporal Trends of Airborne Pollutants in Lichen
David Gutzler
Los Alamos National Laboratory  $40,593
Modeling the Effects of Land Surface Forcing on Summer Rainfall in Southwest North America

David Gutzler/Peter Fawcett
National Science Foundation  $65,610
Observations and Modeling of Large-Scale Controls on Summer Rainfall in Southwest North America

Karl Karlstrom/Frank Pazzaglia
National Science Foundation  $132,866
Lithospheric Structure and Evolution of the Rocky Mountain Transect of the Western U.S.: An Integrated Geological and Geophysical Investigation

Karl Karlstrom/John Geissman/Maya Elrick/Yemane Asmerom
National Science Foundation  $10,000
An Integrated Study of Late Proterozoic (Ca. 1.2-0.7 Ga) Extensional Tectonism, Basin Evolution, and Biological Evolution in the Grand Canyon Supergroup and Apache Group During Incipient Breakup of Rodinia

Barry Kues
Intel  $10,000
Use of the Electron Microscopy Facility

Robert Molina/John Geissman
Texas A & M Research Foundation  $17,796
Ocean Drilling Program Leg 182: The Great Australian Bight

Frank Pazzaglia
NM Public Safety Department  $4,724
Paleoseismicity and Associated Earthquake Hazards of the Alamogordo Fault, Southcentral New Mexico

Mousumi Roy/Jane Selverstone
National Science Foundation  $38,743
Geomorphic and Geodynamic Response to Extension in Convergent Orogens

Mousumi Roy
University of Southern California  $15,465
Two and Three Dimensional Modeling of Gravity, Topography, and Seismic Data in the Los Angeles Region

Zachary Sharp
National Science Foundation  $221,658
Acquisition of a Stable Isotope Mass Spectrometer and UV-CO2 Laser System

Zachary Sharp
National Science Foundation  $8,029
Physiological Factors Controlling the Delta 18-O Values of Body Water for Coexisting Endotherms and Ectotherms

Lu-Min Wang
Sandia National Laboratories  $2,000
Analytical Support on Microstructure Changes of Ti-Ba Superconductor under Ion-Beam Irradiation

Huifang Xu
International Technology Corp  $5,002
HRTEM Study of Coating Minerals of Fe-Mn Oxides, Clays, and Zeolites

Economics
Alok Bohara
NM Legislative Finance Committee  $14,500
Improved Methods for Forecasting State Revenues

David Brookshire
U.S. Geological Survey  $25,000
Land-Use Models and Non-Market Values for the Rio Puerco Basin

Janie Chermak
University of Arizona  $12,500
The Potential Consequences of Climate Variability and Change: An Assessment for the Southwest

Kishore Gawande/Alok Bohara
National Science Foundation  $69,607
Effectiveness of Safety Regulation: A Study of U.S. Coast Guard Inspections, Detection of Violations, and Occurrence of Casualties

Catherine Krause
National Science Foundation  $46,957
An Experimental Analysis of Economic Behavior in Children

English
Helen Damico
NM Endowment for the Humanities  $5,000
Medieval Scandinavia: The Vikings and Their Culture Lecture Series

Helen Damico
TEMA Contemporary Furniture  $2,500
TEMA Visiting Scholar in Medieval Scandinavian Studies

Foreign Languages and Literatures
Walter Putnam
Asian Technology Information Program  $47,883
Support for Teaching of Japanese Language and Culture

History
John Kessell/Rick Hendricks
National Endowment for the Humanities  $48,000
The Journals of Don Diego de Vargas

John Kessell/Rick Hendricks
National Historical Publications and Records Comm.  $41,511
The Journals of Don Diego de Vargas
Institute of Meteoritics
Horton Newsom
NASA - Houston $98,057
Space Science Education for New Mexico MESA Students

Horton Newsom
SETI Institute $6,000
Mars Landing Site Studies

James Papike
NASA - Houston $50,000
Institute for the Study of Biomarkers in Astromaterials

James Papike/Adrian Brearley/Rhian Jones/Charles Shearer
NASA - Washington $219,000
Microbeam Studies of Planetary Materials

Frans Rietmeijer
NASA - Washington $110,000
Petrology of Presolar Dusts and Alterations in Chondritic IDPs

Linguistics
Garland Bills
NM Department of Education $32,400
Signed Language Interpreting Laboratory

Jill Morford
National Institute of Child Health & Human Dev. $47,781
Perceptual Processing in Delayed Language Learners

Mathematics and Statistics
Charles Boyer/Krzysztof Galicki
National Science Foundation $127,008
Contact Geometry and Einstien Manifolds

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

James Ellison
Department of Energy $130,000
Investigations of Beam Dynamics Issues at Current and Future Hadron Accelerators

Frank Gilfeather
Air Force Research Laboratory $137,432
IPA - Nancy Crowley

Thomas Hagstrom
National Science Foundation $90,000
New Methods for the Simulation and Analysis of Waves

Thomas Hagstrom
Sandia National Laboratories $20,000
Data Visualization for Computational Electromagnetics

Vladimir Koltchinskii
National Security Agency $15,773
Empirical Approximation in Probability and Statistics

Jens Lorenz
Department of Energy $51,793
Numerical and Asymptotic Studies of Complex Flow Dynamics

Monika Nitsche
National Science Foundation $23,299
Formation Process and 3-D Dynamics of Vortex Rings

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

Stanley Steinberg
Research & Development Laboratories $25,000
Lie-Algebraic Representations of Product Integrals of Variable Matrices

Alexander Stone
Air Force Research Laboratory $76,468
IPA

Deborah Sulsky
Los Alamos National Laboratory $23,896
Microstructural Analysis of Granular Material

Carla Wofsy
National Science Foundation $69,961
Quantitative Methods for Studying Cell Signalling Mediated by Multi-Subunit Immunoreceptors

Carla Wofsy
National Science Foundation $44,057
Mathematical Analysis of the Early Events

Carla Wofsy
University of Minnesota $20,000
Mathematics in Biology

Maxwell Museum of Anthropology
Patricia Cyman
Albuquerque Public Schools $4,500
Educational Outreach Programs

Brenda Dorr
Army Corps of Engineers $5,778
Annual Curation Fees

Brenda Dorr
Department of the Air Force $18,425
KAFB Collection Curation

Office of Contract Archeology
Richard Chapman
Army Corps of Engineers $28,720
Class I Cultural Resources Survey - Report Production

Richard Chapman
Army Corps of Engineers $20,000
Services for Senior Research Scientist I
Richard Chapman
City of Raton  $3,217
Cultural Resources Survey of 103 Acre City Park Tract

Richard Chapman
Museum of New Mexico  $14,100
Data Recovery at 3 Sites along NM 117: Fieldwork

Richard Chapman
Museum of New Mexico  $50,000
NM 22 Archeological Fieldwork, Pena Blanca Data Recovery

Richard Chapman
Navajo Nation  $8,325
Curation of Church Rock Industrial Park Artifacts

Patrick Hogan
Army Corps of Engineers  $217,495
Archeological Surveys at WETS (Roswell) and Black Mountain (Deming) Training Sites

Joseph Winter
Army Corps of Engineers  $69,891
Galisteo Reservoir Survey

Joseph Winter
NM State Land Office  $16,000
Archeological Survey Support Services

Joseph Winter
SGS Whiter  $17,882
Archeological Survey at Zia Pueblo

**Physics and Astronomy**

Bernd Bassalleck
Brookhaven National Laboratory  $134,000
Station 1 PHENIX Muon Tracker

Bernd Bassalleck/David Wolfe
Department of Energy  $343,000
Strange Particles and Heavy Ion Physics

Robert Burman
University of South Carolina  $24,998
Possible Experiments with a Neutrino Facility at the APT

Carlton Caves
Office of Naval Research  $295,000
Limitations on High-Precision Optical Measurements/High-Precision Measurements and Quantum Informative Theory

Ivan Deutsch/Paul Alsing
National Science Foundation  $80,000
Quantum State Control of Atomic Motion in Optical Lattices

Ivan Deutsch
Office of Naval Research  $15,000
Southwest Quantum Information Science and Technology Network

Jean-Claude Diels
National Science Foundation  $109,000
Optical Instrumentation Photon Lifetime

Byron Dieterle
Department of Energy  $148,000
Nuclear Physics at Intermediate Energies

Robert Duncan
Jet Propulsion Lab  $994,399
Critical Dynamics in Microgravity (DYNAMX)

Robert Duncan
Sandia National Laboratories  $125,000
Statistical and Thermodynamic Models for Robotic Control

David Dunlap
Sandia National Laboratories  ($14,380)
Quantum Transport in Coupled Double Quantum Wells

Michael Gold
Fermi Laboratory  $3,040
CDF SVX II Silicon Vertex Detector Upgrade Project

Stephen Gregory
Air Force Research Laboratory  $35,628
IPA

Patricia Henning
National Science Foundation  $35,320
The Distribution of Optically Obscured Galaxies and Asymmetric Isolated Galaxies

William Junor
National Science Foundation  $100,998
The Central Engine of M87

Vasudev Kenkre
Sandia National Laboratories  $55,000
Statistical Approaches to the Compaction Problem

Michael Ledlow
NASA - Washington  $48,400
The X-Ray Properties of Rich Clusters from Z=0-0.2 Using the ROSAT All-Sky-Survey

Michael Ledlow
Space Telescope Science Institute  $15,002
The Impact of Cluster Substructure on Galaxies: A Case Study in Abell 2125

John Matthews/Michael Gold/Sally Seidel
Department of Energy  $639,800
New Mexico Center for Particle Physics: Studies of Fundamental Interactions

John McGraw
NM Highway and Transportation Department  $12,000,000
Lodestar Project/Astronomy Oriented Science Center
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<th>Name(s)</th>
<th>Institution</th>
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<td>John McIver/Wolfgang Rudolph</td>
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<td>Feasibility Study of Raman Converting Nd:YAG Laser Radiation</td>
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<td>Information Dynamics in Image Deconvolution</td>
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<td>Setup and Test of a Femtosecond Pulse Autocorrelator Based on FROG</td>
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<td>Mansoor Sheik-Bahae</td>
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<td>Optical Refrigeration in Semiconductors</td>
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**Political Science**

Kerry Herron
Sandia National Laboratories $300,000
Establish a Directed Research Program for the Cooperative Monitoring Center (CMC) at Sandia National Laboratories

Hank Jenkins-Smith/Carol Silva
Booz-Allen, Inc. $413,752
High Level Nuclear Waste Repository Siting Policy Study

Hank Jenkins-Smith
Center for Applied Research, Inc. $25,000
Perceptions of Indian Gaming in New Mexico

Hank Jenkins-Smith
National Institute for Public Policy $12,000
Comprehensive Nuclear Test Ban Treaty Survey

Hank Jenkins-Smith
NM Department of Education $55,000
1998 Survey of New Mexicans Between the Ages of 16-26

Hank Jenkins-Smith
NM Department of Health $68,808
The Household Survey of Selected Populations

Hank Jenkins-Smith/Carol Silva
NM Health Policy Commission $219,740
New Mexico Health Insurance Coverage and Preferences Survey

Hank Jenkins-Smith
NM Health Policy Commission $97,800
Focus Group Study of the Public's Utilization of Health Care Information

Hank Jenkins-Smith
Sandia National Laboratories $28,000
Quarterly Monitoring Surveys

Hank Jenkins-Smith/Kerry Herron
Sandia National Laboratories $244,314
National Security Study

Karen Remmer/Caroline Beer
National Science Foundation $11,305
Democratization in the Mexican States: Political Recruitment, Institutional Change, and Public Policy
Kenneth Roberts  
National Science Foundation  $60,136  
Party Systems, Economic Change, and Electoral Volatility in Latin America

Carol Silva  
NM School for the Visually Handicapped  $23,760  
Program Effectiveness and Satisfaction Survey

**Psychology**

Dennis Feeney/Robert Sutherland  
Creative Biomolecules, Inc.  $97,652  
Effect Bone Morphogenic Protein OP-1 on Recovery After Sensimotor Cortex Injury in Rats

Timothy Goldsmith  
Federal Aviation Administration  $165,736  
Analysis and Training of Cognitive Skills in a Line-Oriented Flight Training Environment

Mark McDaniel  
National Institute on Deafness and Other Communicative Disorders  $130,999  
Cognitive Analysis of Coding Schemes for Speech Protheses

Natasha Slesnick  
National Institute on Alcohol Abuse and Alcoholism  $160,694  
Family Therapy Outcome for Runaway Adolescents

Natasha Slesnick  
National Institute on Drug Abuse  $96,634  
Treatment Outcome for Runaway Adolescents

Robert Sutherland  
National Institute on Alcohol Abuse and Alcoholism  $191,598  
ARND: Cortical Plasticity and Learning

Holly Waldron  
National Institute on Alcohol Abuse and Alcoholism  $401,512  
Efficacy of Treatments for Adolescent Problem Drinking

Holly Waldron/Natasha Slesnick/Robert Meyers  
National Institute on Drug Abuse  $277,559  
Engaging Resistant Adolescent Substance Abusers in Treatment

**Sociology/Institute for Social Research**

Christopher Birkbeck  
NM Criminal and Juvenile Justice Coordinating Council  $200,000  
Analysis of State Criminal Justice Programs

Peter DiVasto/Amelia Rouse  
Corrales Police Department  $78,245  
Sandoval County Community Oriented Policing Effort

Paul Guerin  
Abt Associates  $101,632  
Arrestee Drug Abuse Monitoring

Paul Guerin  
Bernalillo County  $19,000  
Flow Chart of Criminal Justice Process in Bernalillo County

Paul Guerin  
Bernalillo County  $11,000  
Mental Health Issues at BCDC

Paul Guerin  
City of Albuquerque  $42,507  
Public Housing Drug Elimination Program

Paul Guerin  
City of Albuquerque  $15,000  
Evaluation of Weed and Seed

Paul Guerin  
National Institute of Justice  $100,000  
Evaluation of RSAT

Paul Guerin  
NM Administrative Office of the State Courts  $25,000  
Evaluation of 1st and 3rd Judicial District Drug Courts

Paul Guerin  
NM Administrative Office of the State Courts  $37,500  
Evaluation of 3rd Judicial Adult Drug Court

Paul Guerin  
NM Corrections Department  $125,523  
Risk/Needs Validation Study

Paul Guerin  
Second Judicial District Court  $41,000  
Evaluation of 2nd Judicial District Drug Court

Gary LaFree  
Bureau of Justice Statistics  $78,821  
Statistical Analysis Center

Gary LaFree  
Carnegie Foundation  $44,188  
Big City Crime Trends

Gary LaFree  
Guggenheim (Harry Frank) Foundation  $34,538  

Gary LaFree  
Justice Research Statistics Association  $24,901  
Juvenile Possession of Firearms

Gary LaFree/Shannon Morrison  
National Institute of Justice  $333,333  
New Mexico PAL

Gary LaFree  
National Institute of Justice  $51,458  
Explaining Instability in the NM Female Prison Population
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<td>Reading Through Geography</td>
<td>NM Children, Youth and Family Department</td>
<td>$140,060</td>
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<td>EC and Welfare to Work Coordination Project</td>
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<td>Goals 2000</td>
<td>Los Lunas Public Schools</td>
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<td>Implementing Standards Training and Outreach</td>
<td>Bernalillo Public Schools</td>
<td>$80,446</td>
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<td>Teaching Learning Community</td>
<td>Bernalillo Public Schools</td>
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<td>New Mexico Geographic Alliance</td>
<td>National Geographic Society</td>
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<td>UNM CAREER Works</td>
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<td>UNM CAREER Works</td>
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</table>
Frank Field
Bureau of Indian Affairs  $190,000
ENAN - Educational National American Network

Frank Field
Laguna Pueblo School  $20,000
Four Directions Project

Vita Saavedra/Steve Preskill
Bernalillo Public Schools  $26,600
Administrative Internship Program

Vita Saavedra/Steve Preskill
Gallup-McKinley County Public Schools  $27,230
Administrative Internship Program

Vita Saavedra/Steve Preskill
Los Alamos Public Schools  $26,950
Administrative Internship Program

Vita Saavedra
Rio Rancho Public Schools  $52,936
Administrative Internship Program

Loretta Serna/Elizabeth Nielson
Department of Health and Human Services  $199,961
Systemic Early Detection and Self-Determination Approach for Mental Health Intervention in Head Start

Loretta Serna
University of Virginia  $6,000
Outreach Services to Minority Entities to Expand Research Capacity

Family Development Program
Mary Dudley
Public Service Company of NM Foundation  $11,000
Family Development Training Modules

Mary Dudley
Public Service Company of NM Foundation  $10,000
Toddler Love Book

Edith Menning
City of Albuquerque  $109,700
Escuelita Alegre Preschool

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

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

Edith Menning
NM Crime Victims Reparation Commission  $1,500
FDP Domestic Violence Counseling Project

Edith Menning
NM Department of Health  $42,000
The Baby Amigo/Community Sisters Project — Phase III County Maternal and Child Health Plan Act

Individual, Family, and Community Education
Candace Schau
Los Alamos National Laboratory  $21,339
Assessing the LANL Teacher Enhancement Program

Language, Literacy, and Sociocultural Studies
Amy Atkins
National Writing Project  $21,710
Rio Grande Writing Project

Amy Atkins
Albuquerque Public Schools  $250,000
School Age Child Care — Summer Supplemental Learning Program
Latin American Programs in Education
Guillermina Engelbrecht
Various $69,653
MA Program in Educational Foundations for Latin American Educators

Multicultural Education Center
Rebecca Blum-Martinez
NM Department of Education $3,000
Intensive Spanish Institute

Leroy Ortiz
Department of Education $51,858
UNM-MEC Bilingual Education Graduate Fellowship Program

Leroy Ortiz/Patricia Stall
Department of Education $204,579
UNM-MECE Bilingual Education Teacher and Personnel Training Project

Leroy Ortiz
Department of Education $186,225
UNM-MECE Bilingual Education Teacher and Personnel Training Project

Physical Performance and Development
Mary Campbell
National Collegiate Athletic Association $80,600
National Youth Sports Program

Robert Robergs
University of South Carolina $124,150
Assessment of Physical Activity Among Minority Women Aged 40 and Older

Teacher Education
Viola Florez
Albuquerque Public Schools $3,505,215
Professional Development Partnership Agreement

Marlis Mann
Las Cruces Public Schools $69,620
Goals 2000 Networking Elementary Leadership Schools and Teachers

Patricia Stall
Holt Foundation $7,200
Four Corners Writing Project

Patricia Stall/Breda Bova
National Writing Project $19,463
Four Corners Writing Project

Patricia Stall
NM Commission on Higher Education $44,000
Gallup, Zuni, and the UNM Math/Science Literacy Collaboration

SCHOOL OF ENGINEERING

Alliance for Transportation Research
Judith Espinosa
Department of Energy $277,000
Transportation Resource Exchange Project

Judith Espinosa
Department of Transportation $1,000,000
14 Center, Border Technology Project

Judith Espinosa
Environmental Protection Agency $13,823
BRITE - Water

Judith Espinosa
NM Highway and Transportation Department $753,480
Professional Services Agreement

Judith Espinosa
NM Highway and Transportation Department $50,000
Petroglyph Arroyo Project

Judith Espinosa
NM Highway and Transportation Department $35,000
BRITE - Border Region Information on Transporation and the Environment

Judith Espinosa
NM Highway and Transportation Department $120,000
SHTD Website Planning Project

Judith Espinosa/Matthew Baca
NM Highway and Transportation Department $200,000
Welfare to Work Assessment Project

Judith Espinosa/Matthew Baca
NM Highway and Transportation Department $35,000
Welfare to Work Information Flow Facilitation

Judith Espinosa/Matthew Baca
NM Highway and Transportation Department $82,000
Rural Transit Assistance Program

David Fletcher
Sandia National Laboratories $28,911
Framework 2000

Lary Lenke
Sandia National Laboratories $17,248
NUPEC/NRC Coop. Containment

R. Gordon McKeen
NM Highway and Transportation Department $300,000
Materials Research Center
R. Gordon McKeen  
NM Highway and Transportation Department  $118,000  
Asphalt Testing Technology

R. Gordon McKeen  
NM Highway and Transportation Department  $100,000  
Investigations of Alternative Technologies for Pavement Construction

R. Gordon McKeen  
TRW  $168,748  
TRW Concrete

### Chemical and Nuclear Engineering

**Harold Anderson**  
National Center for Responsible Gaming  $40,275  
Fundamental Science of High-Density Fluorocarbon Plasma

**Harold Anderson**  
Sematech  $77,850  
Plasma Diagnostic Support for Sematech Tool Development

**Robert Busch**  
Air Force Research Laboratory  $4,869  
Reactor Usage

**Robert Busch**  
British Nuclear Fuels Ltd.  $35,903  
UK Managers Workshop in Nuclear Criticality Safety

**Robert Busch**  
Department of Energy  $13,097  
Nuclear Criticality Safety Computer Code Application Training

**Robert Busch**  
Inhalation Toxicology Research Institute  $6,511  
LRRI/UNM Graduate Fellowship Program

**Robert Busch**  
Los Alamos National Laboratory  $22,972  
Evaluation of Neutron Die Away in Multi-Region Systems

**Robert Busch**  
Safe Sites of Colorado  $24,938  
Nuclear Criticality Safety Training

**Joseph Cecchi**  
National Center for Responsible Gaming  $40,275  
Fundamental Science of High-Density Fluorocarbon Plasma

**Joseph Cecchi**  
Sandia National Laboratories  $13,993  
Mechanics of Metal Matrix Composite Formation

**Joseph Cecchi**  
Sandia National Laboratories  $68,688  
Support for Advanced Materials Lab

**Joseph Cecchi**  
Sandia National Laboratories  $86,612  
Characterize and Evaluate Physical and Chemical Interactions between Reactive Meals and Ceramics

**Joseph Cecchi**  
Sandia National Laboratories  $24,862  
Metal-Ceramic Wetting and Reactions

**Gary Cooper**  
NM State University  $54,327  
WERC - Administration

**Gary Cooper**  
NM State University  $80,000  
WERC - Student Aid Support

**Gary Cooper**  
NM State University  $48,100  
WERC - Public Relations Activities

**Gary Cooper**  
Sandia National Laboratories  $10,000  
Neutron, Ion, and High-Energy Photon Diagnostics for Z

**Ronald Loehman**  
Sandia National Laboratories  $24,576  
Ceramic-Metal Reactions

**Gabriel Lopez**  
Office of Naval Research  $750,000  
Integrated, Multi-Analyte Chemical Microsensors

**Anil Prinja/John Russell**  
Department of Energy  $59,000  
Numerical Investigation of High Energy Charged Particle Transport with Application to APT

**Anil Prinja**  
Sandia National Laboratories  $16,023  
Numerical Solution of the 2nd-Order Self Adjoint Transport Equation

**Tom Rieker**  
Sandia National Laboratories  $22,000  
Support of Small Angle Scattering Center

**Norman Roderick**  
Air Force Research Laboratory  $33,620  
IPA

**Norman Roderick**  
Sandia National Laboratories  $14,865  
Z-Pinch and Exploding Wire Physics

**Timothy Ward**  
Sandia National Laboratories  $23,928  
Simulation of Electrochemical Power Source Performance
Ebtisam Wilkins/Terry Yates
National Science Foundation $160,000
Portable Flow-Through Amperometric Immunosensor Device for Fast Field Immunonalysis of Rodent Virus

Ebtisam Wilkins
NM State University $81,542
Development of Immunoassay Technique and Equipment for Determination of E. Coli Contamination in Food

Ebtisam Wilkins
NM State University $77,253
Organic Phase Biosensor for Detection of Pesticides

Civil Engineering
James Brogan/Jerome Hall
NM Highway and Transportation Department $21,300
Traffic Engineering Support on WIPP Routes

Walter Gerstle
Sanco Enterprises $17,880
Cellulose-Earth Material for Rural Homes - Phase I

Richard Heggen
Albuquerque Metro Arroyo Flood Control $86,000
Open-Channel Modeling

Arup Maji
Air Force Research Laboratory $81,636
AFOSR University Resident Research Professor

Arup Maji
LANL $53,387
Experimental Investigation of Debris Transport in Water Flumes

Arup Maji
NM Public Safety Department $20,784
Development of a Strategic All-Hazards Mitigation Plan

Arup Maji/Julie Coonrod
NM Public Safety Department $14,500
Development of Snowload Database

Stephen Shelton
U.S. Army, Yuma Proving Ground $54,993
Basic Ordering Agreement - Depleted Uranium

John Stormont/Julie Coonrod
National Science Foundation $68,168
Research Experience for Undergraduate

John Stormont
NM State University $23,297
Development of a Geosynthetic Unsaturated Drainage System to Provide Buried Waste Containment

John Stormont
Sandia National Laboratories $30,438
Soil Analysis and Computer Modeling for a Mixed Waste Landfill Closure

Bruce Thomson/Larry Barton
Department of Energy $250,000
Determination of Long Term Stability of Metals Immobilized by In Situ Remediation Processes

Bruce Thomson
NM State University $11,585
Summer Training Program - WERC Disadvantaged Youth Training Program

Tim Ward
Environmental Protection Agency $45,712
A Pollution Prevention Project for the Pueblo of Taos

Tim Ward
NM State University $50,000
Faculty Research Support/Seed

Tim Ward
NM State University $58,866
Administrative Support for Dr. Tim Ward

Tim Ward
NM State University $18,000
WERC Equipment

Tim Ward
NM State University $13,420
State Funds Administrative Support

Tim Ward
NM State University $40,000
WERC/NEN Cooperative Projects

Computer Science
Edward Angel
Sandia National Laboratories $36,499
Automatic Generation of Multimedia

Charles Crowley
Sandia National Laboratories $30,998
Analysis and Assistance for the SI/PDO Framework Systems

Stephanie Forrest
National Science Foundation $97,675
Computer Immunology

Stephanie Forrest
Office of Naval Research $420,072
Research on Emergent Computation

Peter Gemmell
Sandia National Laboratories $14,700
Research and Implementation of Modular Arithmetic and Threshold Systems

Peter Gemmell
Sandia National Laboratories $35,000
Efficient-Algorithms for Modular Arithmetic-based Cryptography
Paul Helman/Robert Veroff  
Los Alamos National Laboratory  $65,207  
Information Analysis Research

Paul Helman  
Sandia National Laboratories  $27,394  
An Examination of Supervisory Control and Data Acquisition Systems

James D. Hollan  
Defense Advanced Research Projects Agency  $571,144  
Beyond Imitation: A Strategy for Building a New Generation of HCI Design Environments

Deepak Kapur  
National Science Foundation  $174,403  
Effective Information Access: Computer Science Research Fundamental to Creation of a National Information Infrastructure

Deepak Kapur  
National Science Foundation  $2,481  
Logic Programming: Analysis, Transformations and Principles

Deepak Kapur  
National Science Foundation  $115,693  
Lemma Generation and Failure Heuristics for an Induction Theorem Prover

Deepak Kapur  
National Science Foundation  $67,186  
Investigation of Dixon Resultants

George Luger/John Russell  
Department of Energy  $90,000  
An Intelligent Controller for the Accelerator Production of Tritium

George Luger  
National Science Foundation  $100,957  
Constructing Diagnostic Explanations Using Schema-Structured Bayesian Networks

George Luger  
Sandia National Laboratories  $102,384  
FASTCAST Expert Gating Systems

George Luger  
Sandia National Laboratories  $4,989  
Researching/Evaluating Distributed Supercomputing Software Systems

Arthur Maccabe  
Sandia National Laboratories  $60,000  
Continued Development of the PUMA Operating System for Massively Parallel Systems

Melanie Mitchell  
Santa Fe Institute  $23,385  
Research on Adapative Computation

Robert Veroff/Paul Helman  
Los Alamos National Laboratory  $384,522  
Software for Export Control

Lance Williams  
Sandia National Laboratories  $35,000  
Analysis and Synthesis of Range Image Textures Using the Steerable Pyramid Transform

Electrical and Computer Engineering

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

Chaouki Abdallah  
Southern Illinois University  $5,000  
Delay Effects: Discretization, Optimization and Application

Thomas Caudell  
Los Alamos National Laboratory  $50,016  
Virtual Reality for Visualizing Complex Systems

Thomas Caudell  
Sandia National Laboratories  ($24,504)  
Virtual Reality Systems for Training

Thomas Caudell  
Sandia National Laboratories  $43,934  
Visualization of Complex High Integrity Software Systems

Christos Christodoulou/Edl Schamiloglu  
Sandia National Laboratories  $38,191  
Transmitting and Receiving Antennas for Ground Penetrating Radar

Charles Fleddermann  
Los Alamos National Laboratory  $19,026  
Atmospheric Pressure Plasma Ashing for I C Manufacturing

John Gahl  
Air Force Research Laboratory  $950,642  
High Power Microwave Research, Atmospheric Plasma Phenomena, Ultrawide Band Propagation and Generation

Charles Hawkins  
Sandia National Laboratories  $67,260  
State of the Art Research on Large Ethernet Novel/Windows NT

Stanley Humphries/John Gahl/John Russell  
Department of Energy  $200,000  
High-Power RF Window Studies for Accelerator Production of Tritium

Ravinder Jain  
Sandia National Laboratories  $111,510  
Mixed Technology Integration and Photonic Device Applications
Edl Schamiloglu
Air Force Office of Scientific Research  $199,588
Optimization of GaAs Photoconductive Switch Technology for Ultra Wideband Applications

Edl Schamiloglu/Frank Hegeler
Air Force Office of Scientific Research  $211,346
Plasma and Microwave Measurements in a Hybrid Hard Tube High Power Microwave Source

Edl Schamiloglu
Air Force Office of Scientific Research  $29,010
Workshop and Publication Working Group on High Power Microwave Sources and Technologies

Edl Schamiloglu
Air Force Research Laboratory  $15,950
Study of the Fast Framing Camera for Analyzing Uniformity of Electron Emission from High Current Density Cathodes

Edl Schamiloglu/Chaouki Abdallah/Charles Fleddermann
Texas Tech University  $326,627
Compact, Low Field, High Energy Microwave Sources

Donald Shiffler
Air Force Research Laboratory  $91,052
IPA

Johann van Reenen/Ramiro Jordan
National Science Foundation  $19,563
Digital Library Workshop

**Institute for Space Nuclear Power**
Mohamed El-Genk
NASA - Langley  $10,000
Support for Conference on Global Virtual Presence for NASA/STAF-99

Mohamed El-Genk
NM State University  $58,932
New Mexico Space Grant Consortium NASA Training Grant

Mohamed El-Genk
Sandia National Laboratories  $78,598
Sandia Environmental Decision Support System Project (SEDSS)

Mohamed El-Genk
Sandia National Laboratories  $99,004
Coated Fuel Particle Fuel Research

**Manufacturing Engineering and Industrial Relations**
John Wood/Ronald Lumia/Gregory Starr
Department of Energy  $650,000
Applied Research in Support of Robotics Technology and Development Program

John Wood
National Science Foundation  $430,949
Cross-Training Technicians and Engineers for Semiconductor Manufacturing

**Mechanical Engineering**
William Baker
Sandia National Laboratories  $20,035
Development of Accelerometer

Robert Greenlee
Quality Education for Minorities (QEM) Network  $48,700
NASA Sharp Plus Program

Marc Ingber
Department of Energy  $79,531
Continuum-and Particle-Level Modeling of Concentrated Suspension Flow

Marc Ingber
Department of Energy  $200,000
1st Principle Micromechanical and Continuum Modeling of Concentrated, Multiphase, Disperse Systems

Marc Ingber
Sandia National Laboratories  $26,021
Micromechanical Modeling of Multiphase Flows

Andrea Mammoli
Sandia National Laboratories  $20,001
Particle Level Modeling of Flows of Concentrated Suspensions

Andrea Mammoli
Sandia National Laboratories  $24,974
Particle-Level Modeling of Concentrated Ceramic Slurries

Andrea Mammoli
Sandia National Laboratories  $20,011
BEM Code Development

Arsalan Razani
Department of Energy  $196,934
Experimental and Theoretical Investigations of New Power Cycles and Advanced Falling Film Heat Exchangers

Howard Schreyer/Deborah Sulsky
Sandia National Laboratories  $200,104
To Develop a Computational Tool Consisting of a Micro-Structural-Based Model

Howard Schreyer
Sandia National Laboratories  $23,000
Investigation of Alternative Models for the Coupled Effects of Phase Evaluation and Material Failure

Moshen Shahinpoor
Draper Laboratories  $38,677
Artificial Muscles for Vorticity Control Underwater Propulsion
Moshen Shahinpoor  
NASA - Washington  $100,000  
Design and Development of Intelligent Biomimetic Robots Powered by Polymeric Artificial Muscles for NASA Application

Moshen Shahinpoor  
NM State University  $11,960  
Testing and Evaluation of a Novel Family of User-Friendly Environmental Sensors

Moshen Shahinpoor  
Sandia National Laboratories  $24,653  
SMART Material Research

Yu-Lin Shen  
National Science Foundation  $200,000  
Thermo-Mechanical Reliability of Metal Interconnects in Microelectronics

Hy Tran  
Sandia National Laboratories  $35,000  
Magnetic Actuators for Nanometer Resolution Positioning

C. Randall Truman  
Air Force Office of Scientific Research  $60,000  
Flow Diagnostic Instrumentation for Turbulent Flow Studies

C. Randall Truman  
Arizona State University  $378  
Propagation through Turbulent Shear Flows

C. Randall Truman  
Sandia National Laboratories  $27,086  
Optical Measurements in Large Scale Buoyant Plumes and Fires

Armand Winfield  
Lenore Partridge and William Aldrich ($4,228)  
Doll Project

Joseph Torres  
Intel Foundation  $53,400  
Intel/AMP Scholars Program

Joseph Torres  
NM State University  $19,000  
New Mexico Alliance for Minority Participation, Undergraduate Research Assistantship

Joseph Torres  
NM State University  $6,500  
New Mexico Alliance for Minority Participation Undergraduate Research Assistantship

Joseph Torres  
NM State University  $69,000  
NM Alliance for Minority Participation Programs at UNM Mentorship Programs and Academic Excellence Workshops

Joseph Torres  
NM State University  $34,284  
NM AMP Scholar Programs

Gail Ward  
NM State University  ($25,269)  
UNM-AMP Project

**NASA Training Program**  
Joseph Torres  
NASA - Houston  $450,200  
NASA Training Project

**National Environmental Technology Network**  
Connie Callan  
Advance Integrated Management Services, Inc.  $4,946  
Rocky Flats WIPP Transportation Video

Connie Callan  
NM State University  $101,986  
DOE Clean Up New Mexico

Connie Callan  
NM State University  $10,553  
WIPP Transportation Video

Connie Callan  
NM State University  $55,892  
Northern New Mexico Economic Redevelopment

Connie Callan  
Sandia National Laboratories  $13,781  
Segmented Gate Video Project

**Native American Programs in the College of Engineering**  
Ursula Bowie  
Los Alamos National Laboratory Foundation  $10,000  
Jr. University
Ursula Bowie  
Navajo Nation $80,000  
Navajo Nation Scholarship (Civil and Mechanical Engineering) Program

Ursula Bowie  
NM Highlands University $100,000  
AISTEC Graduate Fellowship Program

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

Ursula Bowie  
Office of Naval Research $170,000  
Infrastructure Support NAPCOE

**New Mexico Engineering Research Institute**

Edward Barth  
Air Force Research Laboratory $137,054  
IPA

Bill Browning  
Air Force Research Laboratory $136,822  
IPA

James Carson  
Air Force Research Laboratory $106,563  
IPA

John Gaudet  
Air Force Research Laboratory $94,449  
IPA

Everett Heinonen  
Applied Research Association, Inc. $4,995  
High Explosive Test Gas Analysis

Heather Himmelberger  
Bernalillo County $20,773  
Soil Morphology Class

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

Heather Himmelberger  
Environmental Protection Agency $35,800  
Native American Small Water System Capacity Development

Heather Himmelberger  
Environmental Protection Agency $88,750  
Capacity Development Strategy to Region 6 States

Heather Himmelberger  
Environmental Protection Agency $79,796  
Drinking Water Source Protection Pilot Project

Heather Himmelberger  
Environmental Protection Agency $75,333  
Ecological Design in a Tribal Setting

Heather Himmelberger  
Texas Natural Resources Conservation Commission $210,600  
Services Related to the Establishment of Reasonable Water Rates for Regulated Activities

Peter Jones  
Air Force Research Laboratory $154,833  
IPA

Carlota Klimas  
Air Force Research Laboratory $62,200  
IPA

James Luke  
Photonic Associates $34,308  
Microsatellite and Nanosatellite Propulsion (Micro Laser Plasma Thrusters for Small Satellites)

Louise Maffitt  
Sandia National Laboratories $48,513  
Publication of User Manual for TAIMS

Louise Maffitt  
Sandia National Laboratories $22,278  
Smart Sampling for Lockheed Martin Idaho Technologies

John Marquis/James Luke  
Air Force Research Laboratory $1,089,661  
Orbit Transfer Vehicle Research Facility Support

John Marquis  
Sandia National Laboratories $20,000  
Thermionic Converters for Test Analysis

John Marquis  
Southwestern Indian Polytechnic Institute $4,290  
Short Course Training - Basic Hydrology

Doug Mather  
Applied Research Association, Inc. $149,893  
Advanced Streaming Agent Development

Doug Mather  
Army Tank-Automotive and Armaments Command $74,780  
Development of Hydrophilic Anti-Caking Dry Agent Coatings for Combined Dry Chemical Agent Water Mist Systems - Topic #6

John Melin  
Air Force Office of Scientific Research $121,088  
IPA

Ted Moore  
Department of the Army $4,769  
Evaluation and Testing of Clean Agents for Portable Fire Extinguishers

Ted Moore  
Dual Spectrum, Santa Barbara $71,439  
FTIR Emission Monitoring and Data Analysis Support
Ted Moore  
North American Fire Guardian Technology  $23,521  
Cup Burner Testing of NAF - SIII and Bromoalkane Blends

Ted Moore  
Adherent Technologies  $2,500  
Development of Single Site Economic Model for Composite Recycling

Dennis Morrison  
Air Force Research Laboratory  $74,769  
IPA - Tracy Smith

Dennis Morrison  
bd Systems, Inc.  $68,775  
Space Technology Integration and Demonstration Division, Engineering Analysis Support (Tracy Smith and Ed Barth)

Dennis Morrison  
bd Systems, Inc.  $49,874  
Support of AFRL/VS SBR Technology

Dennis Morrison  
Sandia National Laboratories  $105,927  
Advanced Pulsed Power Drivers

Ian Narain  
21st Contracting Squadron  $25,927  
Backbone Fire Sprinkler System, Cheyenne Mt. Air Station

Ian Narain  
21st Contracting Squadron  $7,960  
Interconnecting Bridges Survey, Cheyenne Mt. Air Station

Ian Narain  
21st Contracting Squadron  $29,907  
Plant Operations Handbook, Cheyenne Mt. Air Station

Ian Narain  
21st Contracting Squadron  $13,901  
Ladder and Sandbag Barrier Study

Ian Narain  
21st Contracting Squadron  $39,761  
Air Quality Study and Analysis, CMAS

Ian Narain  
21st Contracting Squadron  $29,223  
Virtual Tour Study and Analysis, CMAS

Ian Narain  
Air Force Office of Scientific Research  $94,993  
21st Contracting Squadron/Environmental Plans and Studies

Ian Narain  
Los Alamos National Laboratory  $217,360  
User Needs Assessment

Dave Rudeen  
Sandia National Laboratories  $472,441  
WIPP Follow-on

Mike Stamm  
Air Force Research Laboratory  $113,778  
IPA

Robert Tapscott  
Department of Transportation  $20,214  
Support of the IHRWG Task Group on Halon Options

Robert Tapscott  
DuPont  $8,742  
Cup Burner Testing of FE-13, FE-25 and FE-36 with Three Fuels

Robert Tapscott  
Greencool Washington, Inc.  $12,288  
Flammability Testing of R-C-318

School of Engineering Dean's Office  
John Russell  
Department of Energy  $151,000  
New Mexico Universities' Research Consortium Outreach Activity

College of Fine Arts  
Thomas Dodson/Eliseo Torres  
NM Cultural Affairs Office  $12,300  
Christians, Moors, Comanches and Matachines: Four Centuries of Folk Celebrations in New Mexico

Tamarind Institute  
Marjorie Devon  
New Mexico Arts Division  $7,500  
The Trickster: Images and Stories of the Pueblo and "SAN" Peoples

Theatre and Dance  
Judith Bennahum  
NM Endowment for the Humanities  $1,125  
Society of Dance History Scholars Conference

David Jones  
Bynner (Witter) Foundation for Poetry  $2,500  
Production of "Hamlet"

School of Law  
Paul Nathanson  
McCune (Marshall L. and Perrine D.) Charitable Fdn.  $10,000  
Domestic Violence Training for Navajo Tribal Judiciary

Institute of Public Law  
Paul Nathanson  
Deer Creek Foundation  $15,000  
Wild Friends Program: National/Regional Replication Pilot
Paul Nathanson
Dodge (Geraldine R.) Foundation  $50,000
State Wildlife and Wildlands Network

Paul Nathanson
Hewlett (William and Flora) Foundation  $25,000
Development of an Innovative Public Policy Dispute Resolution and Collaborative Planning Organization in New Mexico

Paul Nathanson
NM Administrative Office of the State Courts  $10,000
Pro Se Project

Paul Nathanson
NM Children, Youth and Family Department  $20,000
Provide Training for Agencies Involved in Investigation and Prosecution of Child Abuse Cases under Applicable New Mexico Statutes and Regulations

Paul Nathanson
NM Conference of Churches  $130,000
Project Change Fair Lending Center

Paul Nathanson
NM Crime Victims Reparation Commission  $13,500
S.T.O.P. Violence Against Women Act (VAWA)

Paul Nathanson
NM General Services Department  $15,000
Assist the Office in Drafting Rules and Other Assigned Work

Paul Nathanson
NM Public Utilities Commission  $15,000
Special Counsel to the Commission

Paul Nathanson
NM State Corporation Commission  $77,400
Assist the Commission in the Performance of Title Insurance and Other Insurance Related Work

Paul Nathanson
NM State Corporation Commission  $10,000
Assist Commission in Drafting Telecommunication Rules, Practices and Procedures

Paul Nathanson
NM Traffic Safety Bureau  $109,850
Traffic Safety Information Program

Paul Nathanson
NM Traffic Safety Bureau  $75,000
Statewide Teen Mobilization Program

Paul Nathanson
NM Traffic Safety Bureau  $25,000
Traffic Safety Records Assessment

Paul Nathanson
NM Traffic Safety Bureau  $60,000
Judicial DWI Education Project

Paul Nathanson
NM Traffic Safety Bureau  $59,800
Driver Education Instructor Training

Paul Nathanson
NM Traffic Safety Bureau  $15,000
Enforcement Education and Training

Paul Nathanson
State Justice Institute  $39,592
Multimedia Orientation Program for New Mexico Judges

Paul Nathanson
State Justice Institute  $68,058
Development of a Domestic Violence Benchbook and Child Welfare Benchbook for the New Mexico Judiciary

Paul Nathanson
The Frost Foundation, Ltd.  $10,000
Training Advocates for Abused and Neglected Children

Paul Nathanson
U.S. Fish and Wildlife Service  $50,000
NBII-Compliant Metadata Creation of Species Databases for New Mexico and Arizona and Maintenance of the SW Region Internet Road Map

SCHOOL OF MEDICINE

Assistant Dean-AHEC Programs
Joseph V. Scaletti
DHHS/HRSA/BHP  $256,551
Interdisciplinary Training for Rural Areas

Joseph V. Scaletti
DHHS/HRSA/BHP  $224,515
Interdisciplinary Training for Rural Areas

Christopher E. Urbina
DHHS/HRSA/BHP  $148,646
Area Health Education Center

Christopher E. Urbina
DHHS/HRSA/BHP  $89,966
Health Education and Training Center

Assistant Dean- Student Affairs and Admissions
Diane J. Klepper
DHHS/HRSA/BHP  $12,052
Financial Assistance for Disadvantaged Health Prof. Students

Diane J. Klepper
DHHS/HRSA/BHP  $25,795
Scholarships for Disadvantaged Students (SDS) Allopathic Medicine

29
Diane J. Klepper
DHHS/HRSA/BHP $36,156
Scholarships for Students of Exceptional Financial Need
Diane J. Klepper
Albuquerque Technical Vocational Institute $32,748
Respiratory Therapy Educational Program

**Biomedical Communications**
Michael Jose O'Donnell
Lovelace Health Systems, Inc. $5,000
Price Agreement

**Center for Development and Disability**
Sherry Allison
Navajo Way, Inc. $3,500
Navajo Way Project
Sherry Allison
American Speech-Language Hearing Assoc. $17,152
Institute for Bilingual Speech-Language Assessment
Sherry Allison
NM/Department of Education $15,900
Summer Institute on Bilingual Speech-Language Assessment

Judy Ledman
NM/DOH/PHD/FHB $8,179
Professional Services Contract

Catherine McClain
U.S. Department of Education $177,276
Project DISCUSS

Catherine McClain
DHHS/ACF/ADD $82,680
ACCESS

Catherine McClain
DHHS/HRSA/MCHB $439,678
NM LEND

Catherine McClain
NM/DOH/LTSD $428,728
NET NM-Adult Services

Catherine McClain
DHHS/ACF/ADD $200,000
NM University Affiliated Program

Catherine McClain
NM/DOH/LTSD $1,112,800
PIE Program

Catherine McClain
Duke University Medical Center $17,500
Autism Diagnostic Interviews

Catherine McClain
NM/DOH/LTSD $228,220
NET NM-EC

Catherine McClain
NM/DOH/LTSD $86,863
NET NM-Center for Dev. and Dis. Resources

Catherine McClain
NM/DOH/LTSD $34,200
NET NM-EC Telecommunications

Catherine McClain
NM/DOH/LTSD $233,293
DD Waiver Provider

Catherine McClain
ARC of New Mexico $11,000
Advocates Alliance Project

Catherine McClain
NM/Department of Education $5,118
Autism Conference

Catherine McClain
NM/DOH/LTSD $21,780
Net NM, Amendment #11 - Early Intervention Services

Catherine McClain
DHHS/ACF $200,000
NM University Affiliated Program for Person with Developmental Disabilities

Catherine McClain
NM/DOH/LTSD $29,004
CDD Feeding Clinic

Catherine McClain
NM/Department of Education $20,000
Professional Judgement Project

Catherine McClain
NM/Department of Education $55,000
Performance Indicators, Functional Behavioral Analyses, and Early Childhood Evaluation

Catherine McClain
NM/DOH/LTSD $83,206
NET-New Mexico

Catherine McClain
NM/DOH/LTSD $194,670
NET NM-Autism Program
Center for Population Health
David B. Coultas
St. Vincent's Hospital $6,150
Carotid Endarterectomy Complications

David B. Coultas
University of Arizona $22,699
National Asthma Inter-Study

Johnnye L. Lewis
NM/DOH/BHO $11,871
Border Health Project

Johnnye L. Lewis
DHHS/CDC $347,088
Environmental Health Research Near Nuclear Weapons Facilities

Pope L. Moseley
DHHS/PHS/NIH/NIEHS $311,700
Environmental Respiratory Diseases in Native Americans

Clinical and Magnetic Resonance Research Center
William Brooks
DHHS/PHS/NIH/NIA $59,088
Neurochemistry and Brain Function in Aging

Corey C. Ford
Hoechst Marion Roussel, Inc. $75,000
Educational Program Development

Clinical Nutrition Program
Richard N. Baumgartner
DHHS/PHS/NIH/NIA $705,715
Body Composition Changes in the Elderly: Sarcopenia

Richard N. Baumgartner
DHHS/PHS/NIH/NIA $704,497
Body Composition Changes in the Elderly

Clinical Research Center
Paul B. Roth
DHHS/PHS/NIH/NCRR/CR $2,265,703
General Clinical Research Center

Continuing Medical Education
Ellen M. Cosgrove
NM/DOH/PHD/CDPCB $25,463
Current Concepts in Osteoporosis Conference

L. Clark Hansbarger
Las Vegas Medical Center $2,000
Grand Rounds

Department of Anesthesiology
Stephen E. Abram
Veterans Administration Medical Center $1,387,367
VAMC Anesthesiology Services Contract

Stephen E. Abram
Allergan $500
Purchase of Algometer

Department of Biochemistry and Molecular Biology
William R. Galey Jr.
DHHS/PHS/NIH/NHLBI $165,752
Minority Institutional Research Training Grant

William R Galey Jr.
DHHS/PHS/NIH/NIGMS $34,305
New Mexico Graduate Coalition MS to Ph.D. Bridge Program

William R Galey Jr.
DHHS/PHS/NIH/NIGMS $128,117
New Mexico Graduate Coalition MS to Ph.D. Bridge Program

Robert H. Glew
DHHS/PHS/NIH/FIC $27,331
Minority International Research Training Program

John L. Omdahl
DHHS/PHS/NIH/NIAMS $259,116
Vitamin D P450 Function: Natural and Directed Mitogenesis

Department of Cell Biology and Physiology
David G. Bear
American Heart Association SW Affiliate $39,585
The Cellular Biology of Cardiac Titin Messenger RNA

Oscar A. Bizzozero
DHHS/PHS/NIH/NINDS $149,937
Nitric Oxide, PLP Acylation and the Pathophysiology of MS

James M. Gale
DHHS/PHS/NIH/NCI $109,374
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

James M. Gale
DHHS/PHS/NIH/NCI $14,675
DNA Mutation Biomarkers for Non-Melanoma Skin Cancer

James M. Gale
Cell Robotics, Inc. $18,000
Analysis of Single Cell PCR using Laser Capture
Helen J. Hathaway  
American Cancer Society  
Receptor Function during Apoptosis Reg. in the Mammary Gland

Nancy L Kanagy  
DHHS/PHS/NIH/NHLBI  
$95,221  
Vascular Adrenoceptors in Nitric Oxide Synthase Inhibition

Donna F. Kusewitt  
American College of Veterinary Pathologist  
$104,232  
Editor-in Chief “Veterinary Pathology”

Donna F. Kusewitt  
AGI Dermatics, Inc.  
$3,420  
Effect of DNA Repair Enzymes on UVR Reactivation of HSV-1

Ronald D. Ley  
DHHS/PHS/NIH/NCI  
$222,517  
Induction of Melanoma with UVA

Ronald D. Ley  
Environmental Protection Agency  
$51,178  
P16 Gene Alterations/UVR Dosimetry

Paul G. McGuire  
American Heart Association SW Affiliate  
$40,000  
Mechanisms of Endocardial Cushion Morphogenesis

Eric Prossnitz  
DHHS/PHS/NIH/NIAID  
$68,497  
Regulation of Chemoattractant Receptor Activation

Eric Prossnitz  
American Heart Association  
$43,890  
Mechanisms of Chemoattractant Receptor Activation

Eric Prossnitz  
DHHS/PHS/NIH/NIAID  
$228,154  
Mechanisms of Leukocyte Activation and Chemotaxis

Eric Prossnitz  
DHHS/PHS/NIH/NIAID  
$105,364  
Regulation of Chemoattractant Receptor Activation

Tom Resta  
DHHS/PHS/NIH/NHLBI  
$40,036  
Vasodilatory Mechanisms During Pulmonary Hypertension

John A. Trotter  
National Science Foundation  
$72,000  
Molecular Organization in Mutable Collagenous Tissues

John A. Trotter  
Office of Naval Research  
$403,511  
Bioinspired Design of Smart Materials

Benjimen R. Walker  
DHHS/PHS/NIH/NHLBI  
$280,001  
Pulmonary Endothelial Function During Chronic Hypoxia

Benjimen R. Walker  
American Heart Association SW Affiliate  
$49,933  
Mechanisms and Significance of Enhanced NO Production

**Department of Dermatology**

R. Steven Padilla  
DHHS/HRSA/BHP  
$500,000  
Center of Excellence-Hispanic and Native American

R. Steven Padilla  
DHHS/HRSA/BHP  
$94,132  
Community-Based Education Research and Treatment

**Department of Emergency Medicine**

Paul R. Cheney  
Olive View Medical Center-UCLA  
$7,000  
Sentinel Network

Cameron S. Crandall  
U.S. Department of Justice  
$262,853  
Impact Evaluation of a SANE Unit in Albuquerque, NM

Cameron S. Crandall  
SW Center for Agricultural Health  
$6,750  
Agricultural Injuries Among Navajo Families: Supplemental

Barry J. Krakow  
Frost Foundation  
$20,000  
Treatment of Acute Nightmares in Acute Rape Victims

Barry J. Krakow  
DHHS/PHS/NIH/NIMH  
$66,693  
Treatment of Nightmares in Rape Victims with PTSD

Barry J. Krakow  
Oxnard Foundation  
$70,000  
Prevalence of Sleep Disorders Among Sexual Assault Survivors

Barry J. Krakow  
NM/Crime Victims Reparation Commission  
$28,000  
An Innovative Approach to Treating Crime Victims with PTSD

Darryl J. Macias  
Torrance County  
$9,670  
Medical Director

Darryl J. Macias  
Torrance County  
$9,670  
Medical Director

Lenora M. Olson  
NM/DOT/SHTD/TSB  
$40,000  
Pedestrian Safety Program
Robert E. Sapien
DHHS/PHS/NIH/NHLBI  $86,114
Asthma Academic Award - Asthma Prevention and Control

David P. Sklar
Albuquerque Job Corps Center  $76,500
Medical Services - Amendment #1

David P. Sklar
New Mexico State Fair  $50,000
Professional Services Contract for 1997

David P. Sklar
New Mexico State Fair  $49,884
Professional Services Contract for 1998

David P. Sklar
Isleta Pueblo  $13,500
EMS Medical Direction - PSA

David P. Sklar
NM/DOH/PHD/IPEMS  $12,400
EMS for Children Project, Amendment 1

David P. Sklar
City of Rio Rancho  $29,117
EMS Medical Direction

David P. Sklar
Mednet Ambulance Service, Inc.  $10,700
Medical Director

David P. Sklar
Rhone-Poulenc Rorer Pharmaceutical, Inc.  $2,500
Educational Conference for Health Care Professionals

David P. Sklar
NM/DOH/PHD/IPEMS  $112,375
EMS for Children Partnership

David P. Sklar
Gathering of Nations  $2,473
EMT Services, Apr 24 and 25, Gathering of Nations Emergency
Medical Services

Mark Hauswald
NM/DOH/PHD/IPEMS  $57,500
EMS Operations for Hazardous Materials Course

Laura S. Kay
NM/DPS/TESD/THB  $10,000
Training for EMS Operations for Hazardous Course

Bonnie M. Duran
NM/DOH/PHD  $30,000
Native American Turning Point Work Group Facilitation

Betty Jo Fairbanks
NM/DOH/PHD  $9,125
University of Alabama Training

Betty Jo Fairbanks
NM/DOH/PHD/HSB  $31,000
Public Health Training - New Mexico Department of Health

Deborah Helitzer
NM/DOH/PHD/HSB  $23,950
Healthier Schools/SBHC Evaluation - Supplemental

Deborah Helitzer
Johns Hopkins University  $23,837
Reengaging Fathers and Social Support for American Indian Teens

Deborah Helitzer
NM/DOH/PHD/IPEMS  $58,000
Child Restraint Evaluation

Arthur Kaufman
NM/Children, Youth and Families Dept.  $84,000
Physician Services to YDDC/NM Girls School

Arthur Kaufman
Presbyterian Medical Services  $353,300
PMS - Global (Cuba)

Arthur Kaufman
Presbyterian Medical Services  $131,238
PMS - Global (Mountainair)

Arthur Kaufman
Bernalillo County Juvenile Detention Center  $26,125
Professional Services Agreement

Arthur Kaufman
NM/DOH/PHD/HSB  $33,000
School Based Health Center

Arthur Kaufman
Presbyterian Medical Services  $25,000
PMS - Global (Catron/Reserve)

Arthur Kaufman
Albuquerque Technical Vocational Institute  $23,000
Professional Services Contract

Arthur Kaufman
Albuquerque Health Care for the Homeless, Inc.  $167,006
Health Care for the Homeless

Arthur Kaufman
Presbyterian Medical Services  $35,282
PMS - Global (Cuba)
Arthur Kaufman
Presbyterian Medical Services  $12,000
PMS - Global (Ortiz/Cerrillos)

Cynthia Lopez
New England Medical Center  $6,883
Global Health Equity

Martha Cole McGrew
JGAP/American Academy of Family Physicians  $18,125
Barriers to Long-Term Breast-Feeding in WIC Participants

Robert L. Rhyne Jr.
Evangelical Lutheran dba Manzano del Sol  $24,552
Professional Services Agreement

Linda Romero
Robert Wood Johnson Foundation  $67,942
Aspects of Apolipoprotein E. Genetic Testing for Alzheimer

Kerrie R. Seeger
NM/DOH/LTSD  $413,337
JPA TEASC Program

Kerrie R. Seeger
NM/DOH/LTSD  $41,143
TEASC Botello Contract#97.665.68.029

Betty J. Skipper
DHHS/IHS  $20,280
Professional Services Contract - Counseling for Diabetes Program

Kirsten Thomsen
DHHS/HRSA/BHP  $117,480
Para La Salud, Training PA's for New Mexico

Kirsten Thomsen
DHHS/HRSA/BHP  $118,800
Para la Salud, Training PA's for New Mexico

Kristine Tollestrup
Environmental Protection Agency  $24,453
Arsenic Studies of the Southwest

Howard B. Waitzkin
JVC Radiology and Medical Analysis  $60,000
Assessment of Doctor-Elderly Patient Encounters

Howard B. Waitzkin
University of California at Irvine  $7,500
Clinical Cross-Cultural Mental Health Research, Amendment #2

Nina B. Wallerstein
NM/DOH/PHD  $38,495
Turning Point Evaluation

Nina B. Wallerstein
NM/DOH/PHD  $29,520
Health Management Alliance

Nina B. Wallerstein
DHHS/HRSA/MCHB  $25,000
Southwest/Rocky Mountain MCH Institute/Network

Department of Internal Medicine

Arthur D. Bankhurst
Hoffman La-Roche, Inc.  $176,580
Clinical Trial Agreement

Arthur D. Bankhurst
Merck & Company, Inc.  $66,960
Clinical Trial Agreement

Arthur D. Bankhurst
Merck & Company, Inc.  $63,291
Clinical Trial Agreement

Arthur D. Bankhurst
Schering-Plough Research Institute  $78,598
Clinical Trial Agreement

Patrick J. Boyle
DHHS/PHS/NIH/NINDS  $93,961
Brain Energy Metabolism and Hypoglycemia

Lucy Bradley-Springer
University of Colorado  $27,000
NM AIDS Education and Training Center

Lucy Bradley-Springer
DHHS/PHS/NIH/NLM  $39,766
NM AIDS InfoNet

Lucy Bradley-Springer
NM/DOH/PHD/IDPCB  $20,000
NM AIDS InfoNet Project

Lucy Bradley-Springer
Medscape  $2,000
Support for InfoNet Project

Mark R. Burge
Pfizer, Inc.  $55,920
Clinical Trial Agreement
Mark R. Burge
Pfizer, Inc.  $57,600
Clinical Trial Agreement

Thomas F. Byrd
Veterans Administration Medical Center  $70,498
IPA - Jeffrey S. Quinn

Thomas F. Byrd
Veterans Administration Medical Center  $36,996
IPA - Susan Howard

Janette S. Carter
National Association of American Indian Physicians  $5,250
National Diabetes Resource Database

Janette S. Carter
Fort Peck Tribes  $20,000
Strong in Body and Spirit Team Training

Janette S. Carter
DHHS/PHS/NIH/NIDDK  $104,030
Family Centered Diabetes Project

Janette S. Carter
American Diabetes Association  $28,306
ADA/NADP Strong in Body and Spirit Outreach

Richard E. Crowell
Lovelace Respiratory Research Institute  $164,248
Markers for Lung Carcinogenesis - Year 3

Terry W. Duclos
DHHS/PHS/NIH/NIAID  $159,479
C-Reactive Protein-Receptors, Ligands and Autoimmunity

Terry W. Duclos
DHHS/PHS/NIH/NIAID  $153,347
C-Reactive Protein-Receptors, Ligands and Autoimmunity

R. Philip Eaton
DHHS/PHS/NIH/NCRR  $207,009
Enhancing Multidisciplinary Biomedical Research in NM

Walter B. Forman
Robert Wood Johnson Foundation  $130,000
Contract for Services

Robert D. Lindeman
DHHS/HRSA/BHP  $160,648
New Mexico Geriatric Education Center

Gregory J. Mertz
University of Colorado Health Sciences Center  $78,427
New Mexico AIDS Education and Training Center

Gregory J. Mertz
NM/DOH/PHD/IDPC  $567,000
HIV/AIDS Health Management Alliance

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

Gregory J. Mertz
DHHS/PHS/NIH/NIAID  $53,808
Fogarty-Actions in Building Support of ICIDR Projects

Pope L. Moseley
DHHS/PHS/NIH/NIAMS  $227,380
Heat Stroke and Hyperthermia: Applied Molecular Mechanisms

David S. Schade
Case Western Reserve University  $58,082
Epidemiology of Diabetes Intervention and Complications

David S. Schade
Case Western Reserve University  $71,198
Epidemiology of Diabetes Intervention and Complications

David S. Schade
Bristol Myers Squibb, Inc.  $37,837
Clinical Trial Agreement
David S. Schade
University of Tennessee $7,815
Mechanisms of Action in DPP Intervention: Multi-Center Study

David S. Schade
George Washington University $11,250
Carotid Ultrasounds

David S. Schade
DHHS/CDC $47,925
NIDDM Primary Prevention Trial

David S. Schade
DHHS/PHS/NIH/NIDDK $798,428
Diabetes Prevention Program

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

Wilmer L. Sibbit Jr.
DHHS/PHS/NIH/NINDS $233,077
Pathophysiology of Neuropsychiatric Systemic Lupus Erythem

Robert G. Strickland
Dialysis Clinic, Inc. $456,628
Professional Service Contract

Elaine Thomas
VaxGen $359,499
Clinical Trial Agreement

S. Bruce Williams
Chiron Corporation $131,950
Clinical Trial Agreement

S. Bruce Williams
Social and Scientific Systems $3,898
Community Programs for Clinical Research on AIDS

S. Bruce Williams
DHHS/PHS/NIH/NIAID $539,200
Community Programs for Clinical Research on AIDS

Philip G. Zager
DHHS/PHS/NIH/NIDDK $229,329
Zuni Kidney Project

Philip G. Zager
DHHS/PHS/NIH/NIDDK $232,792
Zuni Kidney Project

Carolyn Mold
American Heart Association SW Affiliate $38,649
Regulating Complement Activation in Reperfusion Injury

Scott Ness
Leukemia Research Foundation $24,918
Fellowship for Louise Winn

Scott Ness
Human Frontier Science Program $200,000
Pim-1 Signaling, Myb Activity, Gene Reg. and Oncogenesis

Scott Ness
DHHS/PHS/NIH/NCI $6,618
Transforming Functions of the V-myb Oncogene Product

Scott Ness
DHHS/PHS/NIH/NCI $199,270
Transforming Functions of the V-myb Oncogene Product

Jac A. Nickoloff
DHHS/PHS/NIH/NCI $241,360
Mammalian Double-Strand Break and Recombinational Repair

Jac A. Nickoloff
DHHS/PHS/NIH/NCI $195,579
Mechanism of DNA Damage Induced Recombination

Jac A. Nickoloff
DHHS/PHS/NIH/NCI $218,438
Genetic and Physical Analysis of Recombinational Repair

Jac A. Nickoloff
DHHS/PHS/NIH/NCI $208,538
Genetic and Physical Analysis of Recombinational Repair

David S. Peabody
DHHS/PHS/NIH/NIGMS $185,592
RNA Binding Site of a Translational Repressor

Stephanie W. Ruby
National Science Foundation $5,000
REU Supplement to NSF Grant

Stephanie W. Ruby
National Science Foundation $90,000
Interactions in the Yeast Splicesome

Jesse W. Summers
DHHS/PHS/NIH/NCI $563,035
Persistent Infections by Hepadnaviruses

Cosette M. Wheeler
Merck & Company, Inc. $1,249,672
Clinical Study Agreement

Cosette M. Wheeler
DHHS/PHS/NIH/NCI $311,414
Randomized Trial: Management of Ascus and LSIL on Cervix

Department of Molecular Genetics and Microbiology
Carolyn Mold
American Heart Association $55,000
Regulating Complement Activation in Reperfusion Injury
Cosette M. Wheeler  
DHHS/PHS/NIH/NCI  $620,986  
Natural History Studies of HPV Infection

Stephen A. Young  
BioTech Imaging, Inc.  $50,980  
Clinical Trial Agreement

Stephen A. Young  
Roche Molecular Systems, Inc.  $5,000  
Clinical Trial Agreement

Stephen A. Young  
Roche Molecular Systems, Inc.  $20,000  
Clinical Trial Agreement

Stephen A. Young  
Roche Molecular Systems, Inc.  $38,000  
System 340 Automated Quantiplex Luminometer

Yoshio Okada  
DHHS/PHS/NIH/NINDS  $193,212  
Evaluation of MEG as a Current Source Imaging Technique

Gary A. Rosenberg  
DHHS/PHS/NIH/NINDS  $183,659  
Pathophysiology of Extracellular Matrix

Gary A. Rosenberg  
DHHS/PHS/NIH/NINDS  $191,306  
Pathophysiology of Extracellular Matrix

Gary A. Rosenberg  
DHHS/PHS/NIH/NINDS  $50,000  
Pathophysiology of Extracellular Matrix

Jerry J. Shih  
Parke Davis Pharmaceuticals, Inc.  $38,920  
Clinical Research Study

Jerry J. Shih  
Cyberonics, Inc. $20,000  
Post-Market Study of Different Stimulation Settings

Jerry J. Shih  
Parke Davis Pharmaceuticals, Inc.  $48,000  
Clinical Research Study

Department of Neurology

Corey C. Ford  
Biogen, Inc.  $5,000  
Efficacy of AVONEX in the Treatment of Multiple Sclerosis

Corey C. Ford  
Teva Marion Partners $55,879  
Clinical Trial Agreement

Glenn D. Graham  
Parke Davis Pharmaceuticals, Inc. $165,750  
Clinical Study Agreement

Glenn D. Graham  
Columbia-Presbyterian Medical Center $2,000  
Glycine Antagonist in Neuroprotection

Glenn D. Graham  
Health South Rehabilitation Hospital $12,250  
Clinical Trial Agreement

Glenn D. Graham  
Columbia-Presbyterian Medical Center $35,000  
Glycine Antagonist in Neuroprotection

Raul N. Mandler  
Sanofi Research $36,300  
Clinical Trial Agreement

Leslie Morrison  
NM/DOH/PHD/FHB $42,875  
Outreach Pediatric Clinics in New Mexico

Yoshio Okada  
DHHS/PHS/NIH/NINDS $68,852  
Research Supplement for Under Represented Minorities

Yoshio Okada  
DHHS/PHS/NIH/NINDS $265,885  
Physiological Bases of Manetoencephalography

Department of Neurosciences

John A. Connor  
DHHS/PHS/NIH/NINDS $107,794  
Altered CA2+ Homeostasis in Post-Ischemic Neuron Death

Lee Anna Cunningham  
DHHS/PHS/NIH/NINDS $224,768  
Astrocyte Delivery of 6DNF Parkinson's Disease

Golijeh Golarai  
DHHS/PHS/NIH/NICHHD $64,933  
Cortical Excitability after Traumatic Brain Injury

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NINDS $50,000  
Mechanisms of Control of the GAP-43 Gene

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NINDS $204,804  
Mechanisms of Control of the GAP-43 Gene

Nora Perrone-Bizzozero  
DHHS/PHS/NIH/NIAAA $130,921  
ARDN: Impact on Synaptic Plasticity Mechanisms

C. Fernando Valenzuela  
DHHS/PHS/NIH/NIAAA $108,054  
Phosphorylation and Actions of Ethanol on Ion Channels
Michael C. Wilson  
DHHS/PHS/NIH/NIMH  $249,273  
SNAP-25 Expression and Hyperactivity in Coloboma Mice

**Department of Obstetrics and Gynecology**

Luis B. Curet  
City of Albuquerque  $225,000  
Casita de Milagros

Luis B. Curet  
NM/DOH  $230,000  
Milagro Program

Luis B. Curet  
NM/DOH/PHD/PHB  $48,668  
Families First

Celia E. Dominguez  
Wyeth-Ayerst Research  $213,840  
Clinical Research Agreement

Shauna Jamison  
Pharmacia & Upjohn  $107,458  
Clinical Trial Agreement

William Rayburn  
Various Pharmaceutical Companies $5,151  
1st Annual Women's Health Research Symposium

Rebecca G. Rogers  
Rhone-Poulenc Rorer Pharmaceutical, Inc. $84,620  
Clinical Trial Agreement

Melissa A. Schiff  
NM/DOH/PHD  $9,414  
NM Pregnancy Risk Assessment and Monitoring System

Harriet O. Smith  
Altarex Corporation $27,540  
Clinical Research Agreement

**Department of Orthopaedics**

Moheb S. Moneim  
Veterans Administration Medical Center $211,302  
Service Agreement

Moheb S. Moneim  
Veterans Administration Medical Center $864,647  
VAMC Orthopaedics Service Contract

Donald Saye  
Advanced Tissue Sciences  $51,050  
Clinical Trial Agreement

**Department of Pathology**

Mark W. Becher  
Hereditary Disease Foundation $34,961  
A Novel Marker of Huntington's Disease

Mark W. Becher  
DHHS/PHS/NIH/NINDS  $96,322  
Mitochondrial Dysfunction in Neurodegenerative Disorders

Mark W. Becher  
Society for Progressive Supranuclear Palsy  $10,000  
Neuropathological Grading Scale for Supranuclear Palsy

Mark W. Becher  
DHHS/PHS/NIH/NINDS  $83,025  
Mitochondrial Dysfunction in Neurodegenerative Disorders

Therese J. Bocklage  
DHHS/PHS/NIH/NCI $13,100  
Women with Ductal Carcinoma in Situ (DCIS)

Leslie Danielson  
Magee Women's Hospital  $32,566  
Mechanisms of Vasodilation during Pregnancy

Leslie Danielson  
Magee Women's Hospital  $33,543  
Mechanisms of Vasodilation during Pregnancy, Mod 1

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID $246,324  
Ecology of Hantavirus Infections: Immune Interventions

Brian L. Hjelle  
DHHS/PHS/NIH/NIAID  $28,208  
Ecology of Hantavirus Infections: Immune Interventions (MS)

Christopher L. Kepley  
CADUS Pharmaceutical Corporation  $5,000  
G-Protein Coupled receptors on Human Mast Cells and Basophils

Walter Kisiel  
Chemo-Sero-Therapeutic Research Institute $8,729  
Human TFPI-2 Gene

Richard S. Larson  
American Heart Association  $30,000  
Inhibitors of LFA-1 and Leukocyte Extravasation

Mary F. Lipscomb  
DHHS/PHS/NIH/NHLBI  $1,117,159  
Immune Dysregulation and Allergic Asthma

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

Mary F. Lipscomb  
DHHS/PHS/NIH/NIAID  $37,202  
Biology of Infectious Diseases and Inflammation
Matthew M. Luke  
Rio Grande Medical Technologies  $1,238  
Laboratory Testing: Volumes and Subset Analysis

Barbara J. Masten  
DHHS/PHS/NIH/NHLBI  $31,824  
Role of Lung Dendritic Cells in Pulmonary Immunity

Kurt B. Nolte  
DHHS/CDC/NCEH  $64,480  
Interagency Personnel Agreement

Kurt B. Nolte  
DHHS/CDC/NCID  $33,385  
Interagency Personnel Agreement

Janet M. Oliver  
DHHS/PHS/NIH/NIGMS  $17,081  
Signaling Activity of IgE Receptor Subunits, Minority RA

Janet M. Oliver  
DHHS/PHS/NIH/NIGMS  $221,627  
Signaling Activity of IgE Receptor Subunits

Angela Wandinger-Ness  
National Science Foundation  $72,885  
Functional Analysis of the Late Endosome and Assoc. Rab Proteins

Angela Wandinger-Ness  
DHHS/PHS/NIH/NIDDK  $168,001  
Altered Exocytosis and Rab in Polycystic Kidney Disease

Thomas M. Williams  
TPL, Inc.  $30,000  
Genosensor Design Based on Flexural Plate Wave Devices

Thomas M. Williams  
National Marrow Donor Program  $84,000  
High Resolution Class I Typing

Thomas M. Williams  
National Marrow Donor Program  $34,100  
Class II High Resolution Donor

Cheryl L. Willman  
Howard Hughes Medical Institute  $700,000  
UNM SOM Institution Application

Bridget S. Wilson  
DHHS/PHS/NIH/NIGMS  $103,677  
Molecular Mechanisms of Mast Cell Secretion-Role of Rab

Bridget S. Wilson  
American Cancer Society  $147,560  
Distinct Mechanisms of Activation for PLCy1 and PLCy2 in Mast Cells

**Department of Pediatrics**

Javier Aceves  
NM/DOH/LTSD  $886,139  
Continuum of Care

Joseph Aguirre  
NM/DOH/PHD/PHB  $59,455  
Families First

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

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

Joseph Aguirre  
NM/DOH/PHD/PHB  $114,000  
Young Children's Health Center

Joseph Aguirre  
NM/Children, Youth and Families Dept.  $14,000  
Young Children's Health Center, Family Services - Supplemental

Joseph Aguirre  
NM/Children, Youth and Families Dept.  $38,627  
Young Children's Health Center, Family Services - FY 00

Louis G. Chicoine  
DHHS/PHS/NIH/NHLBI  $161,506  
Viral-Mediated iNOS Gene Transfection in Pulmonary Hypertension

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

Sally M. Davis  
DHHS/CDC  $500,000  
Center for Health Promotion and Disease Prevention

Sally M. Davis  
NM/DOH/PHD/HSB  $7,000  
School Based Health Center Mental Health and Substance Abuse

Sally M. Davis  
NM/Department of Education  $14,908  
Institutes of Higher Education (IHE) - Pre-service

Sally M. Davis  
NM/DOH/PHD/BHSB  $40,000  
Substance Abuse Prevention for American Indian Schools

Sally M. Davis  
DHHS/IHS  $65,780  
ACL Teen Center Program

Sally M. Davis  
DHHS/CDC  $2,245,749  
National Diabetes Prevention Center

Sally M. Davis  
DHHS/CDC  $1,000  
SIP 11-97 Youth Response to Tobacco Control Policies
Sally M. Davis
NM/DOH/PHD/HSB $13,932
School Based Health Center

Sally M. Davis
DHHS/CDC $103,895
Public Health Conference Support Grant Program

Sally M. Davis
DHHS/PHS/NIH/NHLBI $1,003,319
Pathways

Sally M. Davis
DHHS/CDC $50,025
SIP 11-97 Youth Response to Tobacco Control Policies

Maxine H. Dorin
NM/DOH/PHD/HSB $130,000
NM Prenatal Care Network

Maxine H. Dorin
March of Dimes Birth Defects Foundation $13,997
NM Community Health Worker's Association Training Conference

Maxine H. Dorin
NM/DOH/NB/WIC $140,748
Maternity and Infant Care/WIC

Stewart L. Duban
University of California at San Francisco $29,832
Health of the Public Network (Robert Wood Johnson Foundation

Jami Frost
University of Oklahoma $6,386
Pediatrics Oncology Group

Deborah Helitzer
NM/Department of Education $4,000
Healthier Schools Awards Pilot Evaluation

Deborah Helitzer
NM/DOH/PHD/HSB $110,000
Healthier Schools/ SBHC Evaluation

Andrew C. Hsi
DHHS/PHS/SAMHSA $689,438
SELECTT

Andrew C. Hsi
DHHS/ACF/CB $100,000
Family Support Services for Grandparents and Other Relatives

Andrew C. Hsi
DHHS/ACF $448,586
Los Pasos Program

Andrew C. Hsi
DHHS/PHS/SAMHSA $46,395
Integrating Behavioral Health Services with Primary Care

Andrew C. Hsi
NM/DOH/PHD/PHB $510,600
Families First

Andrew C. Hsi
DHHS/ACF/CB $450,000
Abandoned Infant Program

Andrew C. Hsi
Western Oregon University $31,931
University Networked Interdisciplinary Training and Education (UNITE)

Andrew C. Hsi
Western Oregon State College $53,734
Universities Networked in Trans-disciplinary Education

Andrew C. Hsi
Youth Development, Inc. $4,153
Early Head Start - Professional Services Agreement

Andrew C. Hsi
New Mexico School for the Deaf $15,345
School Based Clinic at the New Mexico School for the Deaf

Robert W. Katz
Gallup Medical Center $16,500
Pediatric Cardiology Clinic

Robert W. Katz
DHHS/HRSA/MCHB $293,661
Pediatric Pulmonary Center and Uniform Database Info. System

Roberta Krehbiel
NM/DOH/LTSD $181,103
Developmental Care Continuity

Roberta Krehbiel
NM/Children, Youth and Families Dept. $38,000
Promoting Resiliency in Newborns (PRN)

Roberta Krehbiel
NM/Children, Youth and Families Dept. $38,000
Promoting Resiliency in Newborns (PRN), FY00

Jane W. McGrath
NM/DOH/PHD/HSB $119,340
School Health Officer

Bennie McWilliams Jr.
Pathogenesis Corporation $18,317
Clinical Trial Agreement

Robin K. Ohls
American Heart Association SW Affiliate $29,134
Vascular Response to Erythropoietin in Preterm Infants
Renee Rita Ornelas  
NM/DOH/PHD/PEMS $200,000  
Para Los Ninos Program

Gary D. Overturf  
Pfizer, Inc. $40,999  
Clinical Study Agreement

Lucille A. Papile  
NM/DOH/PHD/CMS $9,440  
NICU Follow-up Program

Lucille A. Papile  
DHHS/PHS/NIH/NICHD $180,039  
Multi-Center Network Neonatal Intensive Care Units

William Rayburn  
NM/DOH/PHD/FHB $517,370  
Maternity and Infant Care/Albuquerque Family Planning

William Rayburn  
NM/DOH/PHD/FHB $15,900  
Prenatal Care Network, Amendment #1

Susan M. Scott  
University of Colorado $18,325  
Prevention of the Complications of Hemophilia

Susan M. Scott  
NM/Pediatric Society $16,469  
Service Agreement

Susan M. Scott  
NM/DOH/PHD/MCH $22,545  
Endocrine/Metabolism Outreach Clinics

Marsha M. Thompson  
American Lung Association $25,000  
The Role of Mycoplasma Infection in Asthma

Marsha M. Thompson  
Cystic Fibrosis Foundation $37,099  
Cystic Fibrosis Center of New Mexico

Department of Psychiatry

Steven N. Adelsheim  
Options Health Care, Inc. $76,000  
NM School Mental Health Initiative Project

Steven N. Adelsheim  
NM/DOH/PHD/HSB $42,971  
Mental Health Advocates, Amendment

Robert A. Bailey  
DHHS/IHS $4,800  
Second Year Fellow Consultation to San Felipe School Clinic

Robert A. Bailey  
DHHS/IHS $24,949  
Specialized Mental Health Services: Native American Children

Claudia K. Berenson  
DHHS/IHS $49,500  
Headstart Services

Juan R. Bustillo  
Eli Lilly and Company $249,232  
Weight Gain with D-Fenfluramine in Ciozapine-Treated Schizophrenia

Juan R. Bustillo  
NARSAD $30,000  
Weight Gain with D-Fenfluramine in Ciozapine-Treated Schizophrenia

Michael Hollifield  
Eli Lilly and Company $61,848  
Clinical Trial Agreement

Michael Hollifield  
DHHS/PHS/NIH/NIMH $313,227  
Epidemiology of Torture and Trauma in Two Refugee Groups

Michael Hollifield  
DHHS/PHS/NIH/NIMH $269,990  
Epidemiology of Torture and Trauma in Two Refugee Groups

Samuel J. Keith  
NM/DOH/PHD/HSB $161,977  
NM School Mental Health Initiative

Samuel J. Keith  
La Clinicas del Norte $13,800  
Professional Services

Samuel J. Keith  
Mental Health Resources $23,815  
Professional Services

Samuel J. Keith  
Charter Heights Behavioral Health Systems $92,880  
Medical Director

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

Samuel J. Keith  
La Buena Vida, Inc. $7,800  
Professional Services

Samuel J. Keith  
La Clinica del Pueblo de Rio Arriba County $13,800  
Professional Services

Daniel Kerlinsky  
All Faiths Receiving Home $21,120  
Professional Consultation Psychiatric Services

Daniel Kerlinsky  
All Faiths Receiving Home $7,000  
Professional Psychiatric Consultation
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<td>Psychological Services for the Students</td>
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<td>Evaluation of Cerebral Vascular Reserve Capacity in Schizophrenia</td>
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Fred S. Herzon  
Veterans Administration Medical Center  $81,120  
Otolaryngology Services

Fred S. Herzon  
Veterans Administration Medical Center  $331,964  
VAMC Otolaryngology Services Contract

Howard Levy  
ICOS Corporation  $75,000  
Clinical Trial Agreement

Howard Levy  
NeXstar Pharmaceuticals, Inc.  $61,650  
Clinical Research Agreement

Howard Levy  
Chiron Corporation  $102,000  
Clinical Research Agreement

Howard Levy  
PPD Pharmaco, Inc.  $42,640  
Clinical Research Agreement

Gregory S. H. Ogawa  
Kestrel Corporation  $90,000  
Hyperspectral Imaging Modality

Carol Schermer  
Pharmacia & Upjohn  $15,814  
Clinical Study Agreement

Carol Schermer  
Ethicon Endo-Surgery, Inc.  $10,000  
Video Assisted Thoracic Surgery for Persistent Airleak

Mark L. Schluter  
NM/CFB  $56,715  
Emergency Eye Care and Vocational Rehabilitation

Stephen L. Skirboll  
Neurobiological Technologies, Inc.  $25,500  
Clinical Trial Agreement

Stephen L. Skirboll  
Sandia National Laboratory  $15,000  
Microcavity Laser in Tumor Biology

Stephen L. Skirboll  
Sandia National Laboratory  $35,000  
Microcavity Laser Spectroscopy in Cell and Tumor Biology

Jorge A. Wernly  
Veterans Administration Medical Center  $140,608  
Service Agreement

Jorge A. Wernly  
Veterans Administration Medical Center  $134,200  
Service Agreement

Jorge A. Wernly  
Veterans Administration Medical Center  $651,651  
VAMC Cardiothoracic Services Contract

Jorge A. Wernly  
Veterans Administration Medical Center  $156,752  
Service Agreement

Mark G. Wood  
Kestrel Corporation  $33,881  
Hyperspectral Imaging for Improved Diagnosis

Demetra De Logothetis  
DHHS/HRSA/BHP  $41,773  
Scholarships for Disadvantaged Students (SDS) Dental Hygiene

Daniel J. Derksen  
Assoc. of Colleges of Osteopathic Medicine  $20,000  
Undergraduate Medical Education for the 21st Century

Daniel J. Derksen  
Lovelace Medical Foundation  $38,316  
Managed Care Curriculum

Betty Jo Fairbanks  
NM/DOH/PHD  $8,320  
University of Alabama - Distance Education Collaboration

Nina B. Wallerstein  
NM/Advocates for Children and Families  $10,766  
Youth Link Project Advocates for Children and Families

Barbara A. Fricke  
Albuquerque Technical Vocational Institute  $17,300  
MLS Teaching Course

Ross E. Zumwalt  
NM/State Scientific Lab  $99,000  
State Lab Services

Linda McClain  
NM/DOH/PHD  $9,350  
Living the Wheelchair Experience

Janet L. Poole  
NM/DOH/PHD  $9,350  
Quality of Life, Personal Care/Native Americans w/Diabetes
Janet L. Poole  
American Hand Therapy Foundation  $2,991  
Short-Term Outcome Following Basal Joint Arthroplasty

**Office of the Medical Investigator**

Patricia J. McFeeley  
NM/DOH/PHD/CMS  $64,372  
NM Sudden Infant Death Syndrome Program

Patricia J. McFeeley  
NM/DOH/PHD/CMS  $3,500  
A Model Intervention Project for Survivors of Homicide

Patricia J. McFeeley  
NM/DOH/PHD/CMS  $27,400  
A Model Intervention Project for Survivors of Homicide

Ross E. Zumwalt  
American Foundation for Suicide Prevention $10,000  
Development and Implementation of Integrated Suicide Scene Protocol

**College of Nursing**

Joan M. Bradley  
NM/DOH/PHD/PHB  $101,430  
Families First

Judith M. Brown  
City of Albuquerque $25,000  
Gehm City

Sandra Ferketich  
DHHS/HRSA/BHP $42,384  
Professional Nurse Traineeship

Sandra Ferketich  
DHHS/HRSA/BHP $17,957  
Scholarships for Disadvantaged Students (SDS) Nursing

Catherine Harris  
NM/Agency on Aging $143,000  
Alzheimer's Disease Consultation and Education

Sharon Lynette Lewis  
DHHS/PHS/NIH/NINR $318,580  
Relaxation Therapy for Alzheimer's Caregivers

Scott W. Burchiel  
DHHS/PHS/NIH/NIEHS $324,798  
Immunotoxicity of Polycyclic Aromatic Hydrocarbons

Linda Felton  
Pharm. Research & Mfgs. of America Foundation $12,500  
Influence of Additives in Aqueous Polymeric Dispersions

David A. Gettman  
ASHP Research and Education Foundation $6,500  
Motivate Patients to Understand/Prevent Drug Misadventures

William Melvin Hadley  
DHHS/HRSA/BHP $56,519  
Scholarships for Disadvantaged Students (SDS) Pharmacy

Mark T. Holdsworth  
Glaxo Wellcome, Inc. $5,066  
Development of Computerized Coll. of Nausea/Vomiting Outcome Data

Laurie Hudson  
DHHS/PHS/NIH/NIDCR $204,664  
The Role of erbB Receptors in Keratinocyte Motility

H. William Kelly  
NM/HSD/MAD $282,370  
Drug Utilization Review

Patricia L. Marshik  
University of Maryland $122,939  
Collaborative Studies on the Genetics of Asthma

Renee-Claude Mercier  
Society of Infectious Diseases Pharmacist $20,000  
Platelets and Vancomycin-Resistant Enterococcus Faecium

Jeffrey Paul Norenberg  
Mallinckrodt, Inc. $31,282  
Clinical Trial Agreement

Beata A. Saletnik  
Lifescan, Inc. $2,500  
Reliability of Home Blood Glucose Reporting by Patients

**Branch Campuses**

**Gallup Branch**

John Balchunas  
NM Department of Education $449,498  
Embracing the Vision

John Guffey  
Center for Service Learning Opportunities in Education $11,000  
Regional Service Learning Center

Cynthia Kuhn  
NM Department of Finance & Administration $105,000  
School-to-Work Planning Grant
Vickie Olson/Mark Wilson
NM State University  $8,200
New Mexico Alliance for Minority Participation in Science, Math, Engineering and Technology

Vickie Olson
NM State University  $5,000
AMP Phase II

Elsie Sanchez
NM Small Business Development Center  $130,234
Small Business Development Center

John Taylor
NM Department of Education  $497,140
Adult Basic Education

John Taylor
NM Department of Labor  $47,000
Guidance Information Systems

H. M. Zongolowicz/Ann Sullivan
Navajo Nation  $50,000
UNM-Gallup Dine Project

LOS ALAMOS BRANCH
Jennifer McKerley
NM Coalition for Literacy  $5,906
Adult Learning Alliance

Jennifer McKerley
NM Department of Education  $112,512
Adult Basic Education Center

Jennifer McKerley
United Way  $8,636
ABE Tutoring Program

Phyllis Mingus-Pepin
LANL $20,000
Electro-Mechanical Technology Student Training Program - Phase II

Phyllis Mingus-Pepin
LANL $41,633
Underrepresented Minority/Female (URM/F) Technical Program

Phyllis Mingus-Pepin
NM Department of Education  $30,032
Institutional Project Consortium

Phyllis Mingus-Pepin
NM Department of Labor $50,000
School-to-Work

Phyllis Mingus-Pepin
NM Department of Labor $2,500
Choices Assessment Program

Phyllis Mingus-Pepin
NM State University $5,000
AMP Program

Carlos Ramirez/Phyllis Pepin
NM State University $24,917
UNM-LA AMP Program

David Stuart
LANL $306,569
Graduate and Upper-Division Programs

Linda Weeks
NM Small Business Development Center  $131,131
Small Business Development Center

TAOS EDUCATION CENTER
Augustine Martinez
NM Children, Youth and Family Department  $50,000
Taos Family Resource Center

Augustine Martinez
NM Children, Youth and Family Department  $11,571
Taos Family Resource Center - TANF

Augustine Martinez
NM Department of Labor $12,000
JTPA Training

Augustine Martinez
NM State University $941
NM Alliance for Minority Participation

Augustine Martinez
NM State University $16,000
AMP - Phase II

VALENCIA BRANCH
David Ashley
NM Small Business Development Center $130,373
Small Business Development Center

Julie DePree/Michelle Diel
NM State University  $56,891
New Mexico Collaborative for Excellence in Teacher Preparation

Pamela Etre-Perez
NM Department of Education  $243,969
Adult Basic Education

Maria Gandara
NM Department of Education  $1,637
Tech Prep Consortium
Maria Gandara/Corine Trujillo  
NM Department of Finance & Administration  $160,000  
School to Careers - Career Partnerships: A Central New Mexico Coalition of Schools and Businesses

Reinaldo Garcia  
NM Department of Education  $236,697  
Institutional Project Consortium

Reinaldo Garcia  
NM State University  $22,544  
New Mexico Alliance for Minority Participation

Reinaldo Garcia  
NM State University  $5,000  
AMP - Phase II

Rita Logan  
NM Corrections Department  $25,000  
Post Secondary Education at CNMCF

Donna Romero  
NM Department of Labor  $57,278  
JTPA Training

Robert Grassberger  
NM Department of Education  $50,000  
School District Cost-of-Living

Robert Grassberger  
State of Oklahoma  $10,260  
Economic Impact Study of Voc-Rehab Services in Oklahoma

Brian McDonald  
City of Albuquerque  $72,509  
Urban Growth Projections for Albuquerque and Vicinity, 1995-2005

Lee Reynis  
NM Department of Finance & Administration  $106,650  
NM Economic Forecast Project, 1998 - 2002

Lee Reynis  
NM Health Policy Commission  $68,000  
Survey Design and Data Analysis for Health Policy Studies

Lee Reynis  
Planning Technologies, LLC  $39,040  
Economic Analysis of Land Use Model for the COG

CENTERS, INSTITUTES AND OTHERS

Academic Affairs  
Benny Shendo  
Intel Foundation  $10,880  
American Indian Summer Bridge Program

Benny Shendo/Teri Dahle  
Kellogg (W. K.) Foundation  $173,747  
The National Institute for Native Leadership in Higher Education

African American Studies  
Admasu Shunkuri  
Arizona State University  $378  
National Identity Research

Associate Provost for Research  
Nasir Ahmed/Gregory Gleason/Edward Walters  
Department of Energy  $244,352  
University Research Park Partnership Program

Nasir Ahmed/Edward Reyes/Don Natvig  
National Institute of General Medical Sciences  $754,896  
Minority Biomedical Research Support (MBRS)

Bureau of Business and Economic Research  
Dely Alcantara  
NM Department of Health  $17,500  
Disability Data Analysis from 1990 Census

Center on Alcohol, Substance Abuse, and Addictions  
Marita Brooks  
NM Children, Youth and Family Department  $8,000  
Child and Adult Care Food Program

Philip May  
National Institute on Alcohol Abuse & Alcoholism  $103,930  
FAS Prevention Research in American Indian Communities

Philip May  
National Institute on Alcohol Abuse & Alcoholism  $904,282  
A Trail of FAS Prevention in American Indian Communities

Philip May  
Navajo Nation  $95,000  
Evaluation Support to the Navajo Nation’s Dine Center for Substance Abuse Treatment (DCSAT) Project

Philip May  
NM Public Health Services  $95,000  
A Statewide Fetal Alcohol Syndrome/Alcohol Related Birth Defects Prevention Program

Joseph Miller  
NM Highway and Transportation Department  $17,336  
Campus DWI Prevention

William Miller  
National Institute on Alcohol Abuse and Alcoholism  $97,461  
Programmatic Treatment Innovation Research
William Miller
National Institute on Alcohol Abuse & Alcoholism $289,951
Behavioral/Pharmacologic Treatment of Alcoholism

William Miller
National Institute on Drug Abuse $272,026
Modeling and Modifying Motivation for Change

William Miller
National Institute on Drug Abuse $325,723
Unilateral Family Intervention for Drug Problems

Scott Tonigan
Fetzer Institute $3,530
Annotated Bibliography of Research on Spirituality and Alcohol/Drug Problems

W. Gill Woodall/Philip May/Everett Rogers
Department of Health & Human Services $402,139
A Randomized Trial of Secondary Prevention of DWI

Center for Autonomous Control Engineering
Mohammad Jamshidi/Ron Lumia
NASA - Washington $373,857
Center for Autonomous Control Engineering

Mohammad Jamshidi/Ron Lumia
NASA - Washington $992,149
Center for Autonomous Control Engineering

Mohammad Jamshidi/David Kauffman
NASA - Washington $499,958
Partnership Award for the Integration of Research into Mathematics, Science, Engineering and Technology Undergraduate Education (PAIR)

Mohammad Jamshidi
University of Arizona $25,972
DEVA/HLA Approach to Modeling and Behavior Control of Multi-Robot System Statement of Work

Center for High Technology Materials
Steven Brueck
Air Force Office of Scientific Research $647,712
Optoelectronics Research Center

Steven Brueck
Air Force Research Laboratory $71,649
IPA - Dr. Arthur Guenter

Steven Brueck/John McNeil/Neeraj Magotra/Hy Tran
Army Research Office $856,000
Deep Sub-Wavelength Optical Nanolithography

Steven Brueck
Cymer $22,084
Investigation of Large-Period Gratings by Interferometric Lithography

Steven Brueck
Defense Advanced Research Projects Agency $261,000
Interferometric Lithography for Nanoscale Fabrication

Steven Brueck
Department of the Army $85,874
Manufacturable IR Photonic Crystals Based on Interferometric Lithography

Steven Brueck
NM Institute of Mining and Technology $22,000
APT Support from AFRL for FY99

Steven Brueck
Office of Naval Research $197,645
Ultra-Thin Solar-Blind Silicon Photodectors

Steven Brueck
Sematech $61,308
Modeling for Imaging Interferometric Lithography

Julian Cheng
Air Force Office of Scientific Research $66,617
Integrated Wavelength-Space-Time Optical Multiplexing Technologies and Architectures for Large-Scale, Reconfigurable, Multiple-Access Communication Networks

Jean-Claude Diels
Allied Signal $98,948
Temporally and Spatially Resolved Plasma Diagnostic (Subtask of: A Prototype Compact Linear Induction Accelerator)

Jean-Claude Diels/Xin Zhao
Electric Power Research Institute $142,000
Light-Induced Discharge at a MV Facility

Jean-Claude Diels
LANL $40,000
Novel Beacons for Adaptive Optics: A Feasibility Study

Jean-Claude Diels
National Science Foundation $27,000
A New Technique for Measurement of Ultrashort Laser Pulses

Jean-Claude Diels
Sandia National Laboratories $10,000
Study of Ablation with fs UV Pulses

Charles Fleddermann
National Science Foundation $5,000
Student Travel Support for the 51st Annual Gaseous Electronics Conference

Steve Hersee
Air Force Research Laboratory $32,781
IPA - Andrew Sarangan
Steve Hersee
Microoptical Devices, Inc. ($8,860)
Epitaxial Growth of Optoelectronic Materials

Steve Hersee
SLI Inc. $4,816
MOCVD Growths

Ravinder Jain
Air Force Office of Scientific Research $163,977
High-Power, Efficient, Diode-Pumped Fiber Lasers For Air Force Applications

Ravinder Jain
Infrared Fiber Systems $209,591
Diode Pumped Compact Blue Lasers Using Co-Doped ZBLAN Fibers

Ravinder Jain
Physical Optics Corporation $153,853
Reversible Fiber Optic Biosensers for Detection of Explosives

Kenneth Jungling
Sandia National Laboratories $127,056
Microelectronics Research

Don Kendall
Sandia National Laboratories ($11,655)
Design and Develop Porous Silicon

Luke Lester
Air Force Office of Scientific Research $55,000
X-Ray Characterization of Quaternary Antimonide Materials for Mid-IR Lasers

Luke Lester
Air Force Research Laboratory $23,924
Novel Techniques and Device Designs for Quantum Well Infrared Photodetectors (QWIPS)

Luke Lester
Army Research Office $67,000
Network Analyzer for Carrier Lifetime Measurements in Mid-IR Semiconductor Lasers

Luke Lester
Kinetisis, Inc. $19,817
Research on GaAs MOS Capacitors

Luke Lester
Lockheed Missiles & Space $393,900
Advanced Sensors

Luke Lester
National Science Foundation $10,000
The Development of Group-III Nitride LED's and Lasers

Luke Lester
TPL, Inc. $333
Platinum Bonding to Quartz

Luke Lester
TriQuint Semiconductor $79,962
Gas Passivated Laser Diodes

Nein Yi Li
Sandia National Laboratories $5,000
MOCVD Growth Support

Kevin Malloy
Air Force Office of Scientific Research $399,778
FAST Center for IR Semiconductor Technology (FIRST)

Kevin Malloy
Air Force Office of Scientific Research $58,306
Ultralow Threshold Semiconductor Lasers Based on Gain Without Inversion

Kevin Malloy
Air Force Research Laboratory $80,855
IPA - Anjali Singh

Kevin Malloy
Air Force Research Laboratory $41,395
IPA - Omar Manasreh

Kevin Malloy
Air Force Research Laboratory $70,243
IPA - Erik Bochove

Kevin Malloy
Air Force Research Laboratory $94,175
IPA - Ron Kaspi

Kevin Malloy
Air Force Research Laboratory $69,608
IPA - Danhong Huang

Kevin Malloy
Air Force Research Laboratory $24,000
IPA - Erik Bochove

Kevin Malloy
Air Force Research Laboratory $22,000
IPA - Ron Kaspi

John McNeil
BioRad Laboratories, Inc. $60,000
Scattermeter Research Agreement

John McNeil
Herrmann Technologies, Inc. $23,000
Thin Film Deposition Investigation

John McNeil
Sandia National Laboratories $115,387
Diffusion Sensor Support
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<th>Researcher</th>
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<td>Marek Osinski</td>
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<td>Computational Model for Thermo-Opto-Electronic Simulation of VCSEL's</td>
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Abhaya Datye
Sandia National Laboratories  $66,000
Molecular Modeling Computations on Selected Polymer Melts and Polymer Blends.

Abhaya Datye
Sandia National Laboratories  $60,000
Self-Assembled Composite Materials

Abhaya Datye
Sandia National Laboratories  $37,500
Porous Inorganic Matrices

Abhaya Datye
Texas Instruments, Inc.  $30,000
CMEM Membership

Mark Hampden-Smith
Office of Naval Research  $46,642
Molecular Routes to Binary Materials

Mark Hampden-Smith
Office of Naval Research  ($245,316)
Synthesis and Characterization of Composite Films Formed by Simultaneous Particle and Chemical Vapor Deposition

Andy Tsai
CeraMem Corp  $24,000
Inorganic Membranes on Commercial Organic Hollow Fiber Supports

Timothy Ward
Arizona State University  $378
Synthesis and Evaluation of Novel MOCVD Precursors

Timothy Ward
Eneco  $6,492
Generation of Palladium Gold Alloy Powder by Spray Pyrolysis

Timothy Ward/Abhaya Datye
National Science Foundation  $99,369
Aerosol Processing of Structured Mesoporous Particle Coatings

Center for Radioactive Waste Management
Werner Lutze
British Nuclear Fuels Ltd.  $30,000
Literature Review

Werner Lutze
LANL  $178,978
CST-7

Werner Lutze
NM State University  $94,583
Support for the Center for Radioactive Waste Management

H. Eric Nuttall
NM State University  $8,000
Seed Money

H. Eric Nuttall
NM State University  $5,000
Student Support for in situ Bioremediation Development

Chicano Studies Program
Eduardo Hernandez Chavez
Albuquerque Public Schools  $16,500
Tutoring of At-Risk High School Students

Computer Information and Resource Technology
John Sobolewski/Brian Smith
National Science Foundation  $225,400
UNM High Speed Connection to the vBNS

Division of Government Research
James Davis
NM Public Safety Department  $49,980
Commercial Vehicle Data Analysis

James Davis
NM Taxation and Revenue Department  $18,907
Data Analysis and Reporting on DWI Hearings

James Davis
NM Traffic Safety Bureau  $300,000
Traffic Safety Problem Identification and Information Program

Division of Media Technology Services
William Bramble
Department of Education  $179,345
Navajo Educational Technology Consortium Education Technology Improvement Plan Project

Patricia Kemp
Sandia National Laboratories  $40,000
ITV

Earth Data Analysis Center
Shirley Baros
NM Health Policy Commission  $100,000
Geographic Access Date Base

Thomas Budge
Sandia National Laboratories  $79,791
Landsat Thematic Mapper Digital Images and Training
Michael Inglis  
National Indian Council on Aging, Inc.  $42,014  
Spacial Processing, Analysis and Distribution of Nation and Local Diabetes Data for Native Americans

Michael Inglis  
National Park Service  $15,000  
Geographic Information Systems

Michael Inglis  
NM Game and Fish Department  $33,000  
Development and Analysis of Spatial Data

Michael Inglis  
NM Game and Fish Department  $400,000  
Spatial Data for Wildlife Management Activities Through the Use of GIS, RS and GPS

Stanley Morain  
Indian Health Service  $20,000  
Analysis of NDVI Values Developed from AVHRR

Stanley Morain  
NASA - Houston  $200,000  
Commerical Remote Sensing: Partnership with Industry

Stanley Morain  
NASA - Washington  $891,517  
Regional Assessment and Prototyping Internet Accessible MTPE Products for the Upper Rio Grande Basin

**Economic Development Communication Office**  
Lee Zink  
Air Force Research Laboratory  $111,732  
IPA - Eugene J. Bednarz

Lee Zink  
Air Force Research Laboratory  $108,412  
IPA - Edward Tull

**Financial Aid**  
Ron Martinez  
US Dept of Education  $15,400,000  
Pell Grants

Ron Martinez  
US Dept of Education  $2,310,000  
Work Study Program - Federal Share

Ron Martinez  
US Dept of Education  $797,103  
SEOG

Ron Martinez  
State of New Mexico  $2,293,500  
Work Study Program

Ron Martinez  
State of New Mexico  $2,214,348  
SSIG

Ron Martinez  
State of New Mexico  $3,819,529  
Bridge to Success Scholarships

Ron Martinez  
State of New Mexico  $368,735  
New Mexico Scholars

Ron Martinez  
State of New Mexico  $509,212  
UNM 3% Grant (Financial Aid portion)

Ron Martinez  
State of New Mexico  $205,140  
Childcare Grant

**General Honors Program**  
Ursula Shepherd  
National Science Foundation  $186,490  
Establishment of a Summer Research Course for Undergraduates to Tropical Australia

**General Library**  
Stephen Rollins  
National Endowment for the Humanities  $328,564  
On-line Archive of New Mexico

Stephen Rollins  
University of Alaska  $68,330  
Electronic Library Project — IPA

Beth Silbergleit  
NM Endowment for the Humanities  $2,000  
Enchantment and Conflict: The Fiction Writer’s New Mexico

**Graduate Studies**  
Robin Meize-Grochowski  
Ford Foundation  $7,500  
Minority Doctoral Fellowship Program

Robin Meize-Grochowski  
National Science Foundation  $128,500  
Graduate Research Fellowship Program

Robin Meize-Grochowski  
University of Notre Dame  $10,000  
GEM Fellowship

Jose Rivera  
Ford Foundation  $40,000  
Huertas, Acequias, and Zanjeras: A Comparative Study of Iberian Common Property Regimes

**Harwood Foundation**  
Robert Ellis  
Lannan Foundation  $5,000  
A Space for the Sacred
High Performance Computing and Education Research Center

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

Walter Gerstle/Malcolm Panthaki
Sandia National Laboratories $40,000
Data Models & Formats Research

Frank Gilfeather
General Motors Corporation $30,000
R & D Support

Frank Gilfeather
Hawaii Association of Independent Schools $30,000
Integrating Technology into the Classroom

Frank Gilfeather
Khoral Research, Inc. $32,637
KRI Cantata Project

Frank Gilfeather/Arlon Waters
Sandia National Laboratories $5,000
Development of the SPICE MP Parallel Architecture

Frank Gilfeather
University of Hawaii $7,000
HITT - Hawaii Institute of Information Technology

Marc Ingber
Sandia National Laboratories $40,000
Micromechanical Modeling of Multiphase Flows

Brian Smith
Air Force Research Laboratory $152,453
IPA - Dr. Wilbur Brown

Frank Gilfeather/Brian Smith/John Sobolewski
Air Force Research Laboratory $22,574,916
Computational Capability for Scalable High Performance Computing

C. Randall Truman
NASA - Washington $99,988
Simulation of Flow Control Using Deformable Surfaces

KUNM-FM

Marcos Martinez
NM Cultural Affairs Office $5,300
Cuarto Centenario

Richard Towne
Corporation for Public Broadcasting $32,290
National Program Production and Acquisition Grant

Richard Towne
Corporation for Public Broadcasting $80,923
Community Service Grant

Latin American and Iberian Institute

Gladis Maresma
Universidad de Costa Rica $10,054
Special Program for Three Students from La Universidad de Costa Rica

Gladis Maresma
VARIOUS $26,080
MA Program in Educational Foundations for Latin American Educators

Gilbert Merkx
Department of Education $273,888
New Mexico Consortium for Latin American Studies

Gilbert Merkx
National Security Education Program $74,670
Internet Delivery of Latin America News and Information: Developing America's Regional Expertise and Understanding in the United States

Gilbert Merkx
Peace Corps $12,600
Peace Corps Recruitment Strategy Contract

Gilbert Merkx
University of Pittsburgh $174,112
The Latin American Research Review (LARR)—Staff Support
Microelectronics Research Center

Steven Clark
Air Force Research Laboratory $89,280
IPA

David Cox
Johns Hopkins University $91,738
Firewire Transceiver Task

Gregory Donohoe
Air Force Research Laboratory $77,093
IPA

Gary Maki
Johns Hopkins University $25,000
RT Electronics

Gary Maki
NASA - Washington $329,000
High Performance Data Compression VLSI Architectures

Gary Maki
NASA - Washington $1,093,831
Institute of Advanced Microelectronics II

Gary Maki
NASA - Washington $460,000
New High Performance Data Compression VLSI Architectures

Gary Maki
National Reconnaissance Office $700,000
Radiation Tolerant Ultra Low Power

Gary Maki
PicoDyne, Inc. $168,000
Ultra Low Power Electronics Phase II

Gary Maki
Vanderbilt University ($8,656)
Ultra Low Power

Gary Maki
NASA - Washington $1,000,000
Radiation Tolerant Ultra Low Power (CULPRIT)

Gary Maki
NASA - Washington $240,000
High Performance Image Processor for Space

Southwest Hispanic Research Institute

Jose Rivera
Ford Foundation $40,000
Huertas, Acequias and Zanjeras: A Comparative Study of Iberian Common Property Regimes

Special Services Program

Juan Candelaria
Department of Education $286,442
Student Support Services

Student Health Center

Joyce Lisbin
NM Department of Health $4,990
Healthy Peers Education Program

Technical Assistance Office

Lee Zink
Economic Development Administration $100,000
University Center

Vice President for Student Affairs

Tim Gutierrez
LA Works $60,300
College Prep Program

Tim Gutierrez
Youth Development, Inc. $10,000
College Prep Program

Peter Treadway
Ramah Navajo School Board $4,800
UNM Summer College Prep

Health Sciences Center Other

Animal Resource Facility

Daniel P. Theele
Veterans Administration Medical Center $6,000
Provide Veterinary Consultation to VA MC

Cancer Research and Treatment Center

Gowthami Arepally
DHHS/PHS/NIH/NHLBI $127,440
Pathogenesis of Thrombosis in HIT

Laurence Elias
Maxim Pharmaceuticals $52,123
Clinical Trial Agreement

Laurence Elias
Schering-Plough Research Institute $34,240
Clinical Trial Agreement

Office of Research Services

Edward Walters
Los Alamos National Laboratory $5,000
Hurricane Disaster Mitigation Workshop

Police Department

Michael McGinnis
NM Crime Victims Reparation Commission $15,400
Victim of Crime Act Funding
Laurence Elias  
DHHS/PHS/NIH/NCI  $37,853  
Cooperative Study of Cancer Chemotherapy

Laurence Elias  
CTRC Research Foundation  $34,792  
Purchase Service Agreement

Laurence Elias  
Kern McNell   $25,000  
Clinical Trial Agreement

Larry Kvols  
Mallinckrodt, Inc.  $135,000  
Diagnostic and Therapeutic Peptides and Peptide-Like Molecules

Clifford R. Lyons  
Charles E. Culpeper Foundation  $108,000  
Immune Defenses Against M. Tuberculosis

Clifford R. Lyons  
University of Texas Southwestern  $124,821  
Development of Mycobacterium Vaccine - Mod #1

Clifford R. Lyons  
University of Texas Southwestern  $839,948  
Preemptive and Remedial Technologies Against Biological War

Clifford R. Lyons  
DHHS/PHS/NIH/NHLBI  $248,216  
Aerosol Therapy for M. Tuberculosis Infection

Aroop Mangalik  
Covance Periapproval Services, Inc.  $242,751  
Clinical Trial Agreement

Aroop Mangalik  
Theradex, Inc.  $21,797  
Clinical Trial Agreement

Aroop Mangalik  
Theradex, Inc.  $5,000  
Clinical Trial Agreement

Aroop Mangalik  
Theradex, Inc.  $21,991  
Clinical Trial Agreement

Ian Rabinowitz  
Rhone-Poulenc Rorer Pharmaceutical, Inc.  $90,900  
Clinical Trial Agreement

Larry A. Sklar  
Los Alamos National Laboratory  $153,744  
Co-Director, Flow Cytometry Resource

Larry A. Sklar  
American Heart Association SW Affiliate  $25,000  
L-Selectin Activation and Leukocyte Adhesion

Larry A. Sklar  
DHHS/PHS/NIH/NCRR  $247,566  
Flow Cytometry Sample Handling and Cell Adhesion

Larry A. Sklar  
Axiom Biotechnologies, Inc.  $101,277  
Collaborative Research Agreement

Anthony Y. Smith  
Novartis Pharmaceuticals Corporation  $53,801  
Clinical Trial Agreement

Anthony Y. Smith  
Ilex Oncology  $25,000  
Clinical Trial Agreement

Anthony Y. Smith  
Novartis Pharmaceuticals Corporation  $142,671  
Clinical Trial Agreement

Cynthia S. Snyder  
Leukemia Society of America  $30,250  
Involvement of the Transcription Factor

Cheryl L. Willman  
Frontier Science & Technology Research Foundation  $80,897  
NCI Multi-Institutional Clinical Trial

Cheryl L. Willman  
Northwestern University Medical School  $97,228  
POG Developmental Pilot Project

Cheryl L. Willman  
Southwest Oncology Group  $267,045  
Myeloid Repository

Cheryl L. Willman  
Southwest Oncology Group  $261,703  
Myeloid Molecular Studies

Children's Psychiatric Hospital  
James J. Jenson  
NM/DOH/PHD/HSB  $7,000  
School Based Project

Epidemiology and Cancer Control  
Frank D. Gilliland  
Lovelace Respiratory Research Institute  $25,583  
Tumor Suppressor Gene Methylation Lung Adenocarcinoma

Carla J. Herman  
NM/DOH/PHD/CDB  $3,960  
Barriers to Breast and Cervical Cancer Screening

Carla J. Herman  
DHHS/CDC  $10,000  
The New Mexico Women's Cardiovascular Health Network
Carla J. Herman
NM/DOH/PHD/CDB $5,000
Women's Health Conference

Carla J. Herman
DHHS/CDC $198,552
Ethnic Variations in Women's Attitudes Towards Hysterectomy

Richard Hoffman
NM/DOH/PHD/CDB $34,980
Prostate Cancer Handbook

David Sheldon James
DHHS/PHS/NIH/NHLBI $78,192
Respiratory Disease and Quality of Life in Former Miners

Charles R. Key
NM/DOH/PHD/CDB $6,600
Data Surveillance and Tracking for Cancer Prevention

Charles R. Key
DHHS/PHS/NIH/NCI $13,100
Review of Pathology Reports in Women with DCIS

Charles R. Key
Cherokee Nation $5,000
MOA for Cancer Case Finding and Abstraction

Charles R. Key
University of Utah $174,394
Rocky Mountain Cancer Genetics Coalition

Charles R. Key
DHHS/PHS/NIH/NCI $2,043,725
SEER Special Projects

Charles R. Key
NM/DOH/PHD/FHB $1,000
State Epidemiologist Working at NMTR

Debra Klecan
University of Washington $11,136
Native Researchers' Cancer Control Training Program

William E. Lambert
American Cancer Society $5,252
ACS-Skin Cancer Information

William E. Lambert
DHHS/CDC/NIOSH $60,249
Epidemiologic Studies to Evaluate Health Effects of Uranium

Douglas W. Mapel
The Council for Tobacco Research $50,000
Prognostic Factors in Idiopathic Pulmonary Fibrosis

Douglas W. Mapel
SmithKline Beecham Pharmaceuticals, Inc. $155,500
Pharmacoepidemiology Study Agreement

Douglas W. Mapel
DHHS/PHS/NIH/NHLBI $108,907
Prognosis Factors in Idiopathic Pulmonary Fibrosis

Janet M. Oliver
American Cancer Society $62,500
Institutional Research Grant

Robert D. Rosenberg
DHHS/PHS/NIH/NCI $439,848
Breast Cancer Surveillance in New Mexico

W. Gill Woodall
AMC Cancer Center $82,960
Internet: A Change Agent for Rural Multicultural Adults

Health Sciences Center Library
Holly Shipp Buchanan
Houston Academy of Medicine $10,000
Year 4, Resource Library MOU and Outreach Subcontract

Holly Shipp Buchanan
DHHS/IHS $18,975
On-line Internet Access for IHS

Ruth C. T. Morris
New Mexico Historical Records Advisory Board $3,300
Web-Accessible Finding Aids for NM Medical History Programs

Ruth C. T. Morris
DHHS/IHS $145,158
Native Health Research Database

Mental Health Center
Tonya Edmond
City of Albuquerque $118,500
Sexual Assault Awareness

Tonya Edmond
NM/Children, Youth & Families Dept. $35,000
Child Abuse and Neglect Services

Tonya Edmond
United Way $50,000
Sexual Assault Prevention and Awareness

Tonya Edmond
NM/Crime Victims Reparation Commission $29,134
Community Education Assistance

Tonya Edmond
NM/Crime Victims Reparation Commission $36,400
Crisis Services

Carole Janis Otero
City of Albuquerque $458,996
Central Intake Unit
Nancy E. Purtell  
New Mexico Alliance for Mental Illness  $85,298  
Jail Diversion

Nancy E. Purtell  
City of Albuquerque  $1,686,780  
Psychiatric Services Unit

John Vetter  
City of Albuquerque  $291,004  
Management Information Systems

Verner S. Westerberg  
NM/Department of Safety  $59,400  
Substance Abuse Treatment

Verner S. Westerberg  
City of Albuquerque  $49,300  
Substance Abuse Treatment

Verner S. Westerberg  
Isleta Pueblo  $317,386  
CASSA/Isleta Agreement for Treatment Services

Verner S. Westerberg  
NM/Corrections Dept.  $241,353  
Substance Abuse Treatment

**Vice President for Health Sciences**

Dale C. Alverson  
DHHS/HRSA/BPHC/ORHP  $230,000  
New Mexico Telemedicine Network

Joan M. Gibson  
University of Montana  $12,445  
Rural Bioethics Project

Jane E. Henney  
W.K. Kellogg Foundation  $1,230,924  
Shared Solutions: NM Model to Improve Healthcare