

February 2018

CURRICULUM VITAE

Philip Thomas Ganderton

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Albuquerque NM 87109

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EDUCATION

Ph.D. in Economics, University of California, Santa Barbara, 1989.

M.Ec., University of Western Australia, Nedlands, Western Australia, 1984.

B.Ec. (Honors), University of Western Australia, Nedlands, Western Australia, 1979.

ACADEMIC EXPERIENCE AND APPOINTMENTS

July 2011 – Present

Senior Associate Dean, College of Arts and Sciences, University of New Mexico, Albuquerque.

July 2011 – Present

Associate Dean for Faculty, College of Arts and Sciences, University of New Mexico, Albuquerque.

July 2008 – December 2011

Associate Dean for Research, College of Arts and Sciences, University of New Mexico, Albuquerque.

August 2007 – June, 2011

Director, Undergraduate Combined BA/MD Program, University of New Mexico, Albuquerque.

August 2004 – Present

Professor, Department of Economics, University of New Mexico, Albuquerque.

August 2004 – June, 2008

Chair, Department of Economics, University of New Mexico, Albuquerque.

August 1995 – July, 2004

Associate Professor, Department of Economics, University of New Mexico, Albuquerque.

August 1989 - July, 1995

Assistant Professor, Department of Economics, University of New Mexico, Albuquerque.

AFFILIATIONS

Member, American Academy of Economic and Financial Experts

Member, National Association of Forensic Economics

Member, American Association of Wine Economists

PROFESSIONAL, CREATIVE AND SCHOLARLY ACTIVITIES

Refereed Journals:

Rebecca E. Morss, Lazo, J. K., Brown, B. G. Brooks, H. E., Ganderton, P. T., Mills, B. N. "Societal and Economic Research and Applications for Weather Forecasts" *Bulletin of American Meteorological Society*, March 2008.

Adam Rose, Keith Porter, Philip Ganderton, et al. "Benefit-Cost Analysis of FEMA Hazard Mitigation Grants" *Natural Hazards Review*, 8(4), 97-111; 2007.

Philip T. Ganderton "Benefit Cost Analysis of Disaster Mitigation: Application as a Policy and Decision-Making Tool," *Mitigation and Adaptation Strategies for Global Change*. Vol. 10, No.3, July 2005. p445-465.

Brookshire, D. S., and P. T. Ganderton, "Introduction to special section on Water Markets and Banking: Institutional Evolution and Empirical Perspectives," *Water Resources Research*, 40, 2004 (W09S01, doi:10.1029/2004WR003394)

Brookshire D. S., B. Colby, M. Ewers, P. T. Ganderton, "Market prices for water in the semiarid West of the United States," *Water Resources Research*, 40, 2004 (W09S04, doi:10.1029/2003WR002846.)

David S. Brookshire, Philip Ganderton, Mary Ewers, Bonnie Colby and Steven Stewart "Water Markets in the Southwest: Why and Where?" *Southwest Hydrology* (March/April) 14-15 2004.

Philip T. Ganderton, Richard Santos and Patricia Seitz "Employment Patterns of Hispanic High School Graduates without College Experience," *Social Science Journal*, 226 1-7 2002.

Philip Ganderton, David Brookshire, Mike McKee, Steven Stewart and Hale Thurston "Buying Insurance for Disaster-Type Risks: Experimental Evidence," *Journal of Risk and Uncertainty*, 20(3) 2000. P.271-289.

R. Berrens, David S. Brookshire, P. T. Ganderton and M. McKee "Exploring the Non-Market Social Impacts of Environmental Policy Change," *Resource and Energy Economics*, 20(2) 117-137 1998.

R. Berrens, Alok Bohara, Hank Jenkins-Smith, Carol Silva, Philip Ganderton and David Brookshire "A Joint Investigation of Public Support and Public Values: Case of Instream Flows in New Mexico," *Ecological Economics* 27(2) 189-203 1998.

R. P. Berrens, P. T. Ganderton and C. Silva "Valuing the Endangered Silvery Minnow and the Protection of Instream Flows in New Mexico," *Journal of Agricultural and Resource Economics*, 21(2) 294-308 1996.

D. Brookshire, P. T. Ganderton and M. McKee "Evolving Entitlements and Intervening to Prevent a Collective Harm," *Journal of Agricultural and Resource Economics* 21(1) 160-173 1996.

Philip T. Ganderton and Peter Griffin "Evidence on Omitted Variable Bias in Earnings Equations," *Economics of Education Review* 15 No. 2 139-148 1996.

Philip T. Ganderton and Richard Santos "Hispanic College Attendance and Completion: Evidence from the High School and Beyond Survey," *Economics of Education Review* 14 No. 1 35-45 1995.

R. G. Cummings, P. T. Ganderton and T. McGuckin "Substitution Biases in CVM Values," *American Journal of Agricultural Economics* 76 No. 2 205-214 1995.

H. Neill, R. G. Cummings, P. T. Ganderton, G. W. Harrison, and T. McGuckin "Hypothetical Surveys and Economic Commitments," *Land Economics* 70 No. 2 145-154 1994.

P. T. Ganderton and T. McGuckin "Assessing Risk Costs of Nuclear Waste Transportation," *Radioactive Waste Management and the Nuclear Fuel Cycle* 17 No 3-4 289-309 1993.

Philip T. Ganderton and Peter Griffin "Impact of Child Quality on Earnings: The Productivity-of-Schooling Hypothesis," *Contemporary Policy Issues* 11 No. 3 39-47 1993.

Philip T. Ganderton "The Effect of Subsidies in Kind on the Choice of a College," *Journal of Public Economics* 48 269-292 1992.

Scholarly Impact:

ResearchGate score 18.6

Google Scholar h-index 14

Web of Science h-index 9

Manuscripts:

Adam Rose, Philip T. Ganderton, Jonathan Ewers, Dan Wei, Raphael Bostic, Detlof von Winterfeldt. "The Design of a Deductible/Credit System for Post-Disaster Public Assistance", Jan. 2017.

Philip T. Ganderton, "A Review of Hedonic Damage Testimony in New Mexico," May, 2015.

Philip T. Ganderton, "Disaster Resilience," 2014.

Philip T. Ganderton and Swaroop Chary, "Economic Impacts of Native American Casinos and Resorts on Tourism," 2013.

Philip T. Ganderton and Rohnn Sanderson, “A Real Options Property Valuation Model,” 2012.

“Parameters for an Independent Study to Assess the Future Benefits of Hazard Mitigation Activities,” Multihazard Mitigation Council of the National Institute of Building Sciences, contributing author, July 2002.

Articles Appearing as Chapters in Edited Volumes:

Ronald G. Cummings, Philip Ganderton and Thomas McGuckin. “Valuing Environmental Damages with the Contingent Valuation Method: A Critique” in Wade E. Martin (Ed.) *Environmental Economics and the Mining Industry*. Springer Science and Business Media. p. 53-78 2012.

Broadbent, Craig, David S. Brookshire, Don Coursey, Philip Ganderton, Vince Tidwell. “Water Markets in New Mexico” in David S. Brookshire, Hoshin Gupta, Olen Paul Matthews (Eds) *Improving New Mexico Water Policy and Management by Coupling Science, Modeling, and Institutions* Resources for the Future, 2012.

Berrens, Robert P., Philip Ganderton and Carol L. Silva. “Valuing the Protection of Minimum Instream Flows in New Mexico,” reprinted in Grafton, R. Quentin (Ed.) *Economics of Water Resources*. Edward Elgar Publishing, 2009.

Philip T Ganderton, “Mitigating Catastrophe Risk” in *Managing the Changing Landscape of Catastrophe Risk – Proceedings of the 10th Aon Re Biennial Hazards Conference*, p. 61-76 Sept. 2007.

Philip T. Ganderton, Richard Bernknopf and David Brookshire, “Improving the Homeland Security Advisory System: An Experimental Analysis of Threat Communication for National Security” in Richardson, H. W., Gordon, P. and Moore, J. E. (Eds) *The Economic Impacts of Terrorist Attacks*. Edward Elgar Publishing, 2005.

Melissa Binder and Philip T. Ganderton “The New Mexico Lottery Scholarship: Does it Help Minority and Low-Income Students?” in Heller, D. E. and Marin, P. (Eds) *State Merit Scholarship Programs and Racial Inequality* The Civil Rights Project, Harvard University, October 2004.

Melissa Binder and Philip T. Ganderton “Incentive Effects of New Mexico’s Merit-Based State Scholarship Program: Who Responds and How?” in Heller, D. E. and Marin, P. (Eds) *Who Should We Help? The Negative Social Consequences of Merit Scholarships* The Civil Rights Project Harvard University August 2002.

R. Berrens, C. Silva, D. Brookshire, A. Bohara, P Ganderton and H. Jenkins-Smith “Contingent Valuation of Instream Flows in New Mexico: Tests of Scope, Information and Temporal Reliability,” In Herriges, J. (Ed.) USDA Western Regional Research Project W-133: *Benefits*

and Costs Transfer in Natural Resource Planning 9th Report Jeckyl Island, GA p51-75 1996.

H.S. Burness, R.G. Cummings, Philip T. Ganderton and G.W. Harrison "Valuing Environmental Goods: A Critical Appraisal of the State of the Art," *The Economics and Management of Water and Drainage in Agriculture* A. Dinar and D. Zilberman, eds., Boston: Kluwer Academic Publishers Ch. 22 1991.

R.G. Cummings, Philip T. Ganderton, G.W. Harrison, and T. McGuckin "Valuing Environmental Damages with the CVM: A Critique," *Issues in Mineral Economics* R. Patrick, et al., eds. Johns Hopkins Press 1991.

Philip T. Ganderton "Medical Manpower Planning in Australia," in M. Tatchell, (ed.) *Health and Economics* Canberra: Australian National University Press 133-53 1984.

Electronic Publications:

"A Review of Hedonic Damage Testimony in New Mexico," *Social Science Research Network* January 2016.

"Who benefits from a lottery-funded college subsidy? Evidence from the New Mexico Success Scholarship," with Melissa Binder. *Social Science Research Network* April 12, 2001.

"Flat Tax, Equity and Politics," with David Hineline. *Social Science Research Network* November 6, 2000.

Reports:

Adam Rose, Philip T. Ganderton, Jonathan Ewers, Dan Wei, Raphael Bostic, Detlof von Winterfeldt. "Analysis of a Deductible Formula for FEMA Post-Disaster Public Assistance", Aug, 2016.

Philip T. Ganderton and Swaroop Chary. "Regional and Resort Destination Marketing Options for the Greater Albuquerque Area". Final Report, Albuquerque Convention and Visitor's Bureau, Jan. 2008.

Philip T Ganderton. "Evaluation of the proposed Real Estate Transfer Tax (RETT) for the City of Santa Fe" Report prepared for the Santa Fe Association of Realtors, 2007.

Philip T. Ganderton, et. al. "Summary of Economic Analysis of Benefits and Costs of FEMA Hazard Mitigation Projects" *AERE Newsletter* Vol. 26, No. 2 November 2006.

Philip T. Ganderton "Cost of Injury-related Inpatient Treatment: Improving the Analysis," Final Report, New Mexico Department of Health, Injury Epidemiology and Response, Contract No. 06/665.0300.0020 September, 2006.

Philip T. Ganderton "The Economic Cost of Teenage Childbearing and Parenting in New Mexico: New Estimates," Final Report, New Mexico Department of Health, PHD-FPP, Contract No. 06/665.0100.0160 May, 2006.

Philip T. Ganderton "The Economic Impact of Teenage Childbearing in New Mexico," Final Report, New Mexico Department of Health, PHD-FPP, Contract No. 03/665.4200.0421 July, 2003.

Bernknopf, R.L., D.S. Brookshire, and P.T. Ganderton, "The Role of Geoscience Information in Reducing Catastrophic Loss Using a Web-based Economics Experiment," U.S. Geological Survey Professional Paper No.1683, 2003.

Richard Bernknopf, David S. Brookshire and Philip T. Ganderton "The Role Of Geo-Science Information In Reducing Catastrophic Loss Using A Web-Based Experiment," Final Report, USGS Co-operative Agreement No. 1434-95-A-1045. December, 2002.

Berrens, R., A. Bohara, D. Brookshire, P. Ganderton, H. Jenkins-Smith, H. Kaplan, M. McKee and C. Silva "Final Report: Preference Formation and Elicitation in Valuing Non-Market Goods," National Center for Environmental Research and Quality Assurance Grant Final Report. [U.S. Env. Protection Agency, Project No. R824679.] Albuquerque, NM, January, 1999.

David Brookshire, Philip T. Ganderton, Mike McKee, Steven Stewart and Hale Thurston "Buying Insurance for Disaster-Type Risks: Experimental Evidence," Final Report for US Geological Survey December 1998.

Philip T. Ganderton and Richard Santos "Educational and Employment Experiences of Hispanic Youth," Report to the Social Sciences Research Council March 1994.

Philip T. Ganderton, Richard Santos and Patricia Seitz "Employability of Low Income and Minority Youth," Report to National Council on Employment Policy March 1994.

R.G. Cummings, Philip T. Ganderton, G.W. Harrison, and T. McGuckin "Assessing Risk Costs of Nuclear Waste Transportation," Reports to the Waste Management Education Research Council (Phase I - 1990, Phase II - 1991, Phase III - 1992).

Philip T. Ganderton and Richard Santos "Hispanics in the Higher Education Pipeline," Report to the Graduate Management Admission Council August 1991.

Invited or Refereed Abstracts and/or Presentations at Professional Meetings:

Philip T Ganderton, "Mitigating Catastrophe Risk" in Managing the Changing Landscape of Catastrophe Risk – 10th Aon Re Biennial Hazards Conference, Brisbane, Australia Sept. 2007.

"Economic Impacts of Improved High-Impact Weather Forecasts" presented to the North

American THORPEX – Social and Economic Research workshop, NCAR/UCAR, Boulder CO, August, 2006.

“New Estimates of the Cost of Teenage Pregnancy in New Mexico” presented to the NM SHARE conference, Albuquerque NM, May 4, 2006.

“The MMC study of FEMA Hazard Mitigation Programs,” Plenary session of Association of Bay Area Government, San Francisco CA April 20, 2006.

“Natural Hazard Mitigation Savings” presented to the National Academy of Science Disasters Roundtable Workshop, March 20, 2006.

“Improving the Analysis of Injury-related Hospital Costs,” presented to the Injury Surveillance Alliance, Albuquerque NM, Feb 10, 2006.

“Future Savings from Hazard Mitigation: A Report on the Study,” Plenary Session speech to Boulder Hazards Workshop, University of Colorado, Boulder CO July 13, 2005.

“Improving the Homeland Security Alert System: Experimental Evidence,” Presented to the first CREATE conference, University of Southern California, August 21, 2004.

“The Economic Impact of Teenage Childbearing in New Mexico,” Presented to the New Mexico Department of Health, Family Planning Program, Sept. 2003.

"Incentive Effects of New Mexico's Merit-Based State Scholarship Program: Who Responds and How?" with Melissa Binder. Presented to National Governors Association Center for Best Practices Conference: New Directions and Strategies in Merit-Based Financial Aid, Charleston, WV, August 2002.

“The Benefit Cost Analysis of Hazard Mitigation,” Plenary Speech to Boulder Hazards Workshop, University of Colorado, Boulder CO July 2002.

“Musical Chairs in Higher Education: Incentive Effects of a Merit-Based State Scholarship Program,” with Melissa Binder. Presented to New Mexico Commission on Higher Education Finance Committee, April 2002.

“Musical Chairs in Higher Education: Incentive Effects of a Merit-Based State Scholarship Program,” with Melissa Binder. Presented to conference on State Merit Aid Programs: College Access and Equity sponsored by The Civil Rights Project Harvard University MA December 8-9, 2001

“Buying Insurance for Disaster-Type Risks: Experimental Evidence,” with David Brookshire, Mike McKee, Steven Stewart and Hale Thurston. Presented to Center for Earth Science Information Research, Stanford University CA May 12, 1999.

“Insurance for Low Probability Risks: Experimental Evidence,” with David Brookshire, Mike

McKee, Steven Stewart and Hale Thurston. US Air Force Academy, Colorado Springs CO
November 1997.

“The Informational Content of Education Plans,” Presented to University of Western Australia,
Perth WA June 1995.

“Valuing Cultural Heritage: Grazing on Public Lands,” with Robert P. Berrens, David S.
Brookshire and Michael McKee. Presented to University of Western Australia, Perth WA June
1995.

“Externalities: A Review of Theory” Presented to New Mexico Governor’s Economic
Considerations Task Force, Santa Fe NM Sept 1992.

Contributed (unrefereed) Abstracts and/or Oral Presentations at Professional Meetings:

“Distaster Resilience” by Philip T. Ganderton prepared for the National Institute of Building
Sciences, Multihazard Mitigation Council symposium on Disaster Mitigation, Washington DC,
January 8, 2013.

"The Role of Geo-science in Natural Hazard Risk management: Evidence from web-based
experiments" by "Brookshire, B; Ganderton, G; Bernknopf, B" presented to EGU General
Assembly April, 2006.

“The Economic Value of Information” presented to CASA Social Impact workshop, Boulder CO
Dec. 2005.

“Cigarette Taxes in New Mexico,” presented to Pueblo and Tribal members, Albuquerque NM,
Nov 2005.

“Forbearance in the Middle Rio Grande” with Janie Chermak. Presentation to Water Acquisition
Management Subcommittee, Albuquerque NM, Nov 2005.

“The FEMA-NIBS Study on the Future Savings due to Hazard Mitigation,” presentation to the
Boulder Hazards Workshop, University of Colorado, Boulder CO July 18, 2003.

“Western Water Market Prices and the Economic Value of Water,” with Brookshire, David S.,
Mary Ewers and Joe Little. Poster session at AERE World Congress 2002, Monterey CA, June
22, 2002.

“A Web Based Risk Experiment: Design and Implementation,” with Richard Bernknopf and
David S. Brookshire. The Second World Congress of Environmental and Resource Economists
Monterey, California (Abstract Published in The Second World Congress of Environmental and
Resource Economists Book of Abstracts) June 2002.

“Western Water Markets,” with Mary Ewers, Joe Little and David Brookshire. The Second World Congress of Environmental and Resource Economists Monterey, California (Abstract Published in The Second World Congress of Environmental and Resource Economists Book of Abstracts) June 2002.

“Lab and Field Studies of Experience and Subject Pool Effects in Contingent Valuation,” with Steven Stewart, Alok Bohara, and David S. Brookshire. The Second World Congress of Environmental and Resource Economists Monterey, California (Abstract Published in The Second World Congress of Environmental and Resource Economists Book of Abstracts) June 2002.

“Western Water Market Prices and the Economic Value of Water,” with Brookshire, David S., Mary Ewers and Joe Little. Poster session at SAHRA annual meeting, Tucson AZ, February 25, 2002.

“Insurance for Low Probability Risks: Experimental Evidence,” with David Brookshire, Mike McKee, Steven Stewart and Hale Thurston. Economic Science Association meetings. Tucson AZ October 1997.

“Value Uncertainty and Outcome Uncertainty as Explanations of the WTA-WTP Disparity,” with Berrens, R., Bohara, A., Brookshire, D. Jenkins-Smith, H., Kaplan, H., McKee, M., Silva, C. and Stewart, S. Economic Science Association, Tucson, AZ October 1996.

“Educational and Employment Challenges for Latina/o Youth: Lessons from the ‘80s,” with Richard Santos and Patricia Seitz. National Association for Chicano/a Studies Chicago IL March 1996.

“Valuing In-stream Flows,” with Robert Berrens and Carol Silva. Presented to the NM Riparian Council Symposium Albuquerque NM September 1995.

“Valuing Cultural Heritage: Case of Livestock Grazing on Federal Lands in New Mexico,” with Berrens, R. Brookshire, D. and McKee, M. University of Chicago Chicago, IL July 1995.

“Investigating Cultural Heritage Values for Preserving Traditional Grazing on Federal Public Lands: the Case of New Mexico,” with Berrens, R. Brookshire, D. and McKee, M. Workshop on Non-Market Valuation of Amenities Sjjoldenaesholm, Denmark June 1995.

“Valuing Cultural Heritage: Grazing in New Mexico,” with Berrens, R. Brookshire, D. and McKee, M. Joint European American Conference on Non-Market Valuation Oslo, Norway June 1995.

“Examining Benefit Threshold for Environmental Goods Provision: Experimental Evidence,” with Berrens, R. Brookshire, D. and McKee, M. Joint European American Conference on Non-Market Valuation Oslo, Norway June 1995.

“Free Riding Behavior with Heterogeneous Agents,” with Brookshire, D. S. and McKee, M.

Economics Science Association Tucson, AZ October 1993.

“Testing the Productivity of Schooling Hypothesis,” with Peter Griffin. Western Economic Association meetings Lake Tahoe CA June 1993.

“School to Work Transitions of Hispanic High School Graduates,” with Richard Santos. American Economic Association meetings Anaheim CA January 1993.

“Child Quality and the Rate of Return to Education,” with Peter Griffin. Western Economic Association meetings San Francisco CA July 1992.

“Potential vs. Actual Interventions: Free Riding and Public Goods Provision,” with David S. Brookshire and Michael McKee. Public Choice meetings New Orleans March 1992.

“Valuing Environmental Damages with the CVM: Exploring Alternative Elicitation Techniques,” with Ron Cummings and Glenn Harrison. Economic Science Association Tucson AZ October 1991.

“Educational Plans versus Realization Among Minority Students,” Western Economic Association meetings Seattle WA June 1991.

Funded Research:

“A Disaster Deductible-Credit System for FEMA Public Assistance” Co-PI with Adam Rose, CREATE, University of Southern California. 2016. (\$50,000).

“The Socioeconomic Impacts of Teenage Pregnancy: Disparities by Race and Ethnicity,” with Diana McEnerney. Robert Wood Johnson Foundation Center for Health Policy, 2007-2008 (\$5,000).

“Optimal Taxation of Cigarette Sales on Tribal Lands in New Mexico,” NM TRD, 2005-2006 (\$20,000).

“Economic Cost of Teenage Childbearing in New Mexico: Revised Estimates,” NM DOH, FPP, Jan. 2006-Jul. 2006 (\$8000).

“Benefit Cost Analysis of Injury-related Hospitalizations,” NM DOH, Dec. 2005 – Jul 2006 (\$5000).

“The Economic Impact of Teenage Childbearing in New Mexico,” New Mexico Department of Health, Family Planning Program, Jan. - June 2003 (\$10,000)

“Economic Modeling Frameworks Utilizing Earth Science Information for Hazard Mitigation” with David Brookshire, U.S. Geological Survey October 1999 – October 2001 (\$200,000)

“Valuing Earth Science Information,” with Brookshire, D. and McKee, M, Co-PIs. U.S. Geological Survey 1998-1999. (\$25,000)

“Preference Formation and Elicitation in Valuing Non-Market Goods” with Bob Berrens, , David Brookshire, Hank Jenkins-Smith, Hillard Kaplan and Michael McKee, Co-PIs. U.S. Environmental Protection Authority. February 1995 – May 1997 (\$185,000)

“Land Use Values and Non-Market Values for the Rio Puerco Basin” with Bob Berrens, David Brookshire and Michael McKee, Co-PIs. U.S. Geological Survey August 1995.

“Identifying and Interpreting the Role of Habitual Behavior in the Demand for Recreational Amenities” with Peter Lawton. UNM Research Allocation Committee May 1995 (\$2,500)

"A Computable General Equilibrium Model of New Mexico for Policy Analysis" Shaul Ben-David, David Brookshire, Philip T. Ganderton and Michael McKee, Co-PIs. State of New Mexico July 1994 - June 1995 (year 2) (Note: This grant is listed separately since it was not automatically refunded)

“Case Study 1: Regional Economic Impact of Earthquake Triggered Hazards in Santa Clara, California Case Study 2: Regional Economic Impact of a Climate Change in the Rio Grande Basin, New Mexico,” with Berrens, R. Brookshire, D. and McKee, M. Co-PIs. United States Geological Survey, 1994. (\$40,000)

"Existence Values and Option Prices for Environmental Public Goods: Laboratory Investigations" David S. Brookshire, Michael McKee and Philip T. Ganderton, Co-PIs. National Science Foundation April, 1992 - September 1994 (\$43,000)

“A Computable General Equilibrium Model of New Mexico for Policy Analysis” Shaul Ben-David, David Brookshire, Philip T. Ganderton and Michael McKee, Co-PIs. State of New Mexico July 1993 - June 1994 (year 1)

"Impact of Recent Amendments to the New Mexico Water Law: An Experimental Investigation" Philip Ganderton, PI. Research Allocation Committee July 1992 - December 1992 (\$2,400)

"Assessing Risk Costs for Nuclear Waste Transportation - Phase III" R.G. Cummings and Philip T. Ganderton, Co-PIs. New Mexico Waste Education and Research Consortium January 1992 - December 1992 (Note: This grant is listed separately since it was not automatically refunded)

"Education and Work Patterns of Hispanic High School Students" Philip T. Ganderton and Richard Santos, Co-PIs. Inter-University Program for Latino Research and the Social Sciences Research Council August 1991 - July 1992 (\$30,000)

"Assessing Risk Costs for Nuclear Waste Transportation - Phase II" R.G. Cummings and Philip T. Ganderton, Co-PIs. New Mexico Waste Education and Research Consortium January 1991 - December 1991 (Note: This grant is listed separately since it was not automatically refunded)

"Hispanics in the Higher Education Pipeline: Evidence from High School and Beyond" Richard Santos and Philip T. Ganderton, Co-PIs. Graduate Management Admission Council January 1990 - December 1990 (\$20,000)

"Assessing Risk Costs for Nuclear Waste Transportation - Phase I" R.G. Cummings, Philip T. Ganderton and G.W. Harrison, Co-PIs. New Mexico Waste Education and Research Consortium January 1990 - December 1990.