

Department of Economics
University of New Mexico
MSC05 3060
Albuquerque, New Mexico 87131
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PROFESSIONAL APPOINTMENTS

Associate Professor July 2009-present
Department of Economics, University of New Mexico. Albuquerque, New Mexico

Graduate Director July 2009-Fall 2009, Spring 2011-present
Department of Economics, University of New Mexico. Albuquerque, New Mexico

Assistant Professor 2003-July 2009
Department of Economics, University of New Mexico. Albuquerque, New Mexico

OTHER PROFESSIONAL EXPERIENCE

Statistical Consultant 2002-2003
Blackbaud Analytics, Boulder, Colorado

Policy Analyst 1995-1997
California Budget Project, Sacramento, CA

EDUCATION

B.A., Economics and History, *honors* May 1995
University of California, Davis, CA

M.A., Economics May 1999
University of Colorado, Boulder, Colorado

Ph.D., Economics May 2003
University of Colorado, Boulder, Colorado
Dissertation: Modeling and Estimating Preferences Over Treatment Programs for Depression, Edward Morey (chair)

AREAS OF SPECIALIZATION

Environmental economics, applied microeconomics

ARTICLES IN PEER-REVIEWED JOURNALS

N. Flores and **J. Thacher** (2002). Money, Who Needs It? Natural Resource Damage Assessment. *Contemporary Economic Policy*, 20(2), 171-178.

J. Thacher, E. Morey, E. Craighead (2005). Using Patient Characteristics and Attitudinal Data to Identify Treatment Preference Groups: A Latent-Class Model. *Depression and Anxiety*, 21(2), 47-54.

E. Morey, **J. Thacher**, W. Breffle (2006). Using Angler Characteristics and Attitudinal Data to Identify Environmental Preference Classes: A Latent-Class Model. *Environmental and Resource Economics* 34(1), 91-115.

G. Aldrich, K. Grimsrud, **J. Thacher**, and M. Kotchen (2007). Relating Environmental Attitudes and Contingent Values: How Robust are Methods for Identifying Heterogeneous Groups? *Environmental and Resource Economics* 37(4): 757-775.

E. Morey, **J. Thacher**, E. Craighead (2007). Patient Preferences for Depression Treatment Programs and Willingness to Pay for Treatment. *Journal of Mental Health Policy and Economics* 10(2), 73-85.

T. Prante, **J. Thacher**, R. Berrens (2007). Evaluating Coasean Bargaining Experiments with Meta-Analysis. *Economics Bulletin*. 12/18/2007.

T. Prante, **J. Thacher**, D. McCollum, R. Berrens (2007). Building Social Capital in Forest Communities: Analysis of New Mexico's Collaborative Forest Restoration Program. *Natural Resources Journal*. 47(4).

M. Hand, **J. Thacher**, D. McCollum, R. Berrens (2008). Forest Amenities and Location Choice in the Southwest. *Journal of Agricultural and Resource Economics*. 33(2): 232-253.

K. Grimsrud, J. Chermak, J. Hansen, **J. Thacher**, K. Krause (2008). A Two-Agent Dynamic Model with an Invasive Weed Diffusion Externality: An Application to Yellow Starthistle (*Centaurea Solitialis*) in New Mexico. *Journal of Environmental Management*. 89: 322-335.

M. Hand, **J. Thacher**, D. McCollum, R. Berrens (2008). Intra-Regional Amenities, Wages, and Home Prices: The Role of Forests in the Southwest. *Land Economics*. 84(4): 635-651.

D. Brookshire, D. Goodrich, M. Dixon, L. Brand, K. Benedict, K. Lansey, **J. Thacher**, C. Broadbent, S. Stewart, M. McIntosh and D. Kang (2010). Ecosystem Services and Reallocation Choices: A Framework for Preserving Semi-Arid Regions in the Southwest. *Journal of Contemporary Water Research & Education*. 144: 1-14.

J. Lazo, D. Waldman, B. Morrow, **J. Thacher** (2010). Household Evacuation Decision Making and the Benefits of Improved Hurricane Forecasting: Developing a Framework for Assessment. *Weather and Forecasting*. 25(1): 207-219.

M. Weber, V. Tidwell, **J. Thacher** (2010). Interactive Physical and Economic Model for Exploring Riparian Restoration Options: Application to the Middle Rio Grande. *Environmental Modelling & Software*. 25: 1825-1836.

M. Binder, K. Krause, J. Chermak, **J. Thacher**, J. Gilroy **J. Thacher** (2010). Gender Pay Differences for the Same Work: Evidence from a United States Public University. *Feminist Economics*. 16 (4).

J. Thacher, J. Chermak, K. Grimsrud, K. Krause, J. Price (2010). Invasive Alien Weeds and Western Cattle Ranching: Lessons Learned from Yellow Starthistle in New Mexico. *Western Economic Forum*. 9 (1): 19-26.

Breffle, W., E. Morey, **J. Thacher** (2011). A joint latent-class model: combining Likert-scale preference statements with choice data to harvest preference heterogeneity. *Environmental and Resource Economics*.

WORK IN PROGRESS

Submissions

A. Prera Martinez, K. Grimsrud, J. Thacher, D. McCollum, and R. Berrens. Using Canonical Correlation Analysis to Identify Environmental Attitudinal Groups: Impacts for National Forest Planning in the Southwest. Submitted on 10/29/11 to *Society and Natural Resources*.

M. Binder, J. Chermak, K. Krause, **J. Thacher**. The Teaching Penalty in Higher Education: Evidence from a Public Research University. Submitted on 5/24/11 to *Economics Letters*.

H. Pitts, **J. Thacher**, P. Champ, and R. Berrens. A Hedonic Price Analysis of the Outfitter Market for Trout Fishing in the Rocky Mountain West Submitted on 12/5/11 to *Human Dimensions of Wildlife*.

OTHER PUBLICATIONS

J. Thacher, M. Marsee, H. Pitts, J. Hansen, J. Chermak, B. Thomson. Assessing Customer Preferences and Willingness to Pay: A Handbook for Water Utilities. Water Research Foundation. Denver, CO. 2011. (Most requested report from Water Research Foundation, Sept 2011.)

Binder, M., J. Chermak, J. Gilroy, K. Krause, **J. Thacher**. Faculty Compensation

at UNM: Is the Reward System Equitable? UNM Provost Report. January 2007.

R. Berrens, J. Talberth, **J. Thacher**, M. Hand. Economic Benefits of Protecting New Mexico's Inventoried Roadless Areas. Ecology and Law Institute. Report. August 2006.

Vincent C. Tidwell, Leonard A. Malczynski, Howard D. Passell, William J. Peplinski, Marissa D. Reno, Janie Chermak, David Brookshire, **J. Thacher**, Kristine Grimsrud, Craig Broadbent, Jason Hansen, Jesse F. Roach, Enrique Vivoni, Carlos Aragon, Heather Hallett, Kristan Cockerill, Don Coursey. Integrated System Dynamics Toolbox For Water Resources Planning. SANDIA REPORT SAND2006-7676. Printed December 2006. Sandia National Laboratories, Albuquerque, NM 87155 and Livermore, CA, 94550.

FUNDED RESEARCH

A. Bohara (PI), **J. Thacher** (Co-PI). Statistical Modeling of Habitat Use of Mountain Goats (*Oreamnos americanus*) in the Kenai Mountains, South-central Alaska. US Forest Service. 6/1/08-9/30/10. \$76,891.

J. Thacher (PI), J. Chermak (Co-PI), B. Thomson (Co-PI). Setting Water Utility Investment Priorities: Assessing Customer Preferences and Willingness to Pay. American Water Works Association Research Foundation. 1/1/08-3/1/11. \$476,859

R. Berrens (PI), **J. Thacher** (Co-PI). Economic Analyses in Support of National Forest Planning (Index: 186108). US Forest Service, Region 3. 9/19/05 – 6/30/10. \$84,765.

J. Chermak (PI), **J. Thacher** (Co-PI), K. Krause (Co-PI), K. Grimsrud (Co-PI). Strategic Behavior, Incentives, Heterogeneity, and Invasive Species Management. USDA. 10/10/05 – 12/30/09. \$250,000.

R. Berrens (PI), M. McKee (Co-PI), **J. Thacher** (Co-PI). (Index: 186138) Research Agenda into Understanding Behavioral and Economic Responses to Forest Restoration in the Southwest. US Forest Service, Region 3. 8/1/06-7/30/07. \$156,352

J. Thacher (PI) and J. Chermak (Co-PI). Predicting Land Use Change and its Effect on Nonpoint Source Pollution. New Mexico Water Resources Research Institute. 8/15/05 – 10/31/07, \$30,000.

R. Berrens (PI), **J. Thacher**, (Co-PI). Public Attitudes, Beliefs, and Values Towards National Forests and National Forest Management. (Index: 186102) US Forest Service, Region 3. 7/30/05 – 10/31/08. \$207,000.

M. Binder (Co-PI), J. Chermak (Co-PI), K. Krause (Co-PI), **J. Thacher** (Co-PI).

Equity in Faculty Compensation and Advancement at UNM. UNM Office of the Provost. 8/05 – 12/05. \$20,000.

J. Thacher (PI). Limiting Protest Behavior in Stated-Preference Surveys: An Application to Animal Welfare in the Egg Industry. UNM RAC. 2/04 – 9/04. \$7,489.

PRESENTATIONS BY ME

Setting Water Utility Investment Priorities: Assessing Customer Preferences and Willingness to Pay.

- ◇ Water Resources Foundation Technical Transfer Workshop. Lenexa, Kansas. May 5, 2010.
- ◇ Invited talk for session at The Bottom Line: Dollars and Sense in Water Utilities. American Water Works Association, ACE10, Chicago, IL. June 21, 2010.
- ◇ Invited talk for Water Resources Foundation webinar. August 23, 2011.

Willingness to Pay to Maintain Water Utility Infrastructure: A Comparison of the Choice Experiment and Contingent Valuation Methods. Southern Economic Association (Association of Environmental and Resource Economics session). November 21, 2009. San Antonio, TX.

The Decision to Manage Invasive Weeds: Which Factors Matter?

- ◇ Southern Economic Association (Association of Environmental and Resource Economics session). November 22, 2008. Washington DC.
- ◇ Western Social Science Association. Albuquerque, NM. April 16, 2009.
- ◇ Agricultural and Applied Economics Association (Association of Environmental and Resource Economics session). July 27, 2009. Milwaukee, WI.
- ◇ Kansas State - Department of Agricultural Economics. Invited talk. Dec 2, 2010.
- ◇ W2133. Albuquerque NM. February 24, 2011.

Faculty Compensation and Preferences: Can Differences in Job Preferences Help Explain Why Men and Women are Paid Differently? American Economic Association (CSWEP session). New Orleans, LA. January 4, 2008.

Identifying latent groups: An Application to Environmental Ethics.

- ◇ University of Colorado Environmental and Resource Economics Workshop, Vail Colorado, October 22-23, 2004.
- ◇ Heartland Environmental and Resource Economics Workshop, September 19 and 20, 2004, Iowa State University.

Relating Environmental Attitudes and Contingent Values: A Comparison of Methods.

- ◇ Canadian Resource and Environmental Economics Conference. September 2, 2005. Montreal, Canada.
- ◇ Occasional Workshop on Environmental and Resource Economics. October 2005. Santa Barbara, CA.

Limiting Non-Compensatory Behavior in Stated Preference Methods: An Application to Animal Welfare in the Egg Industry. Eastern Economic Association Annual Conference. New York City, NY. March 4-6, 2005.

Using Angler Characteristics and Attitudinal Data to Identify Environmental Preference Classes: A Latent-Class Model.

- ◇ Canadian Resource and Environmental Economics Conference. Victoria, Canada. September 2003.
- ◇ Heartland Environmental and Resource Economics Workshop. Ames, IA. Sept 2003.
- ◇ University of Arizona, Department of Agricultural Economics, Tuscon, AZ. October 2003.

Using Survey Methods to Value the Impact of Changes in Water Level: The San Pedro Riparian National Conservation Area.

- ◇ Session on Integration of Science with Economic Valuation of Semi-Arid Riparian Ecosystems. Ecological Society Association annual meeting. August 6, 2009. Albuquerque, NM.

Modeling and Estimating Preferences Over Treatment Programs for Depression.

- ◇ University of New Mexico, Department of Economics. Albuquerque, New Mexico. January 2003.
- ◇ Hofstra University, Department of Economics. Long Island, NY. February 2003.
- ◇ University of Texas Medical Branch. Galveston, TX. January 2003.
- ◇ Department of Veterans Administration/Baylor University. Houston, TX. January 2003.
- ◇ University of Wyoming, Department of Economics. Laramie, WY. November 2002.

DOCTORAL ADVISEMENT

Chair/Co-Chair

Gwendolyn Aldrich (co-chair)
 Regulation of Environmental Externalities
 Economist, BBER, Albuquerque NM.

Completed Summer 2008

Alejandro Prera (co-chair)	In progress
Heidi Pitts	In progress
Menuka Karki (co-chair)	In progress
Brad Bergsbaken (co-chair)	In progress
Hari Katuwal (co-chair)	In progress
Paul Paez	In progress
Qihua Ma	In progress

Committee member

John Talberth Completed Fall 2004
 Averting Insurance Decisions in the Wildland Urban Interface: Implications of Survey
 and Experimental Data for Wildfire Risk Reduction Policy
 World Resources Institute (Washington DC) and Center for Sustainable Development
 (NM)

Michael Hand Completed Spring 2007
 The Role of Forests as Amenities in the Southwest United States
 USDA Forest Service, Rocky Mountain Research Station, Missoula, MT

Tyler Prante Completed Summer 2008
 Social Capital and the Policy Response to Externalities
 Assistant Professor, Los Angeles Valley College

Nejem Raheem Completed Summer 2008
 Non-Market and Public Welfare Values of Common-Pool Irrigation in New Mexico
 Assistant Professor, Marketing Communication, Emerson College (MA)

Michael Milligan Completed Spring 2009
 The Welfare Effects of International Remittance Income
 Assistant Professor, Global Studies Program, Pusan National University, South Ko-
 rea

Jason Hansen Completed Summer 2009
 The Economics of Urban Water Policy: Infrastructure, Scarcity, and Conservation
 Assistant Professor, Defense Resource Management Institute, Naval Postgraduate
 School (CA)

Bishwa Koirala Completed Summer 2010
 Measuring Effects of Climate Change and Energy Efficiency Regulations in U.S.
 Households
 Visiting Assistant Professor, Department of Economics, John Cook School of Busi-
 ness, Saint Louis University (MO)

German Izon Completed Summer 2011
Valuing Changes in the Provision of a Public Good: Empirical Applications in Environmental and Health Economics
Assistant Professor, Department of Economics, Eastern Washington University

Tunay Oguz Completed Summer 2011
In progress

Jeff Felardo Completed Summer 2011
In progress

MASTERS ADVISEMENT

Chair

Elizabeth Cota (co-chair) Completed Spring 2009
Park Amenities and Crime: the Power of Social Interactions

Megan Marsee (Water Resources) Completed Fall 2010
Integrating External Costs into Water Utility Asset Management: An Application of the Threshold Break Rate Method
New Mexico Environmental Department, Drinking Water Bureau

Chi-Hsin Chang (co-chair) Completed Fall 2010
Optimal Land Use for Watershed Management - A Case Study in the Feitsui Watershed

Committee Member

Ryan Helton Completed Summer 2005
The Provision of a Wildlife Risk Map: Informing Residents in the Wildland Urban Interface

Nafisa Halim Completed Spring 2006
Healthy Mothers, Healthy Children: Does Mothers' Demand for Antenatal Care Matter for Child Health in Nepal?

Amber Riter Completed Summer 2009
Consumer Willingness to Pay for Water Conservation in the framework of Renewable Energy Projects

Daniel Delfino Completed Spring 2010
A Juxtaposition of Rational Choice and Socio-cultural Approaches to Explain Changes in Family Size throughout the Process of Economic Development Using Household

Survey Data from Brazil

Angely Carcamo

Completed Spring 2010

Adoption of Renewable Portfolio Standards in the United States: Which Factors Matters?

COMMITTEE ON STUDIES

Gwendolyn Aldrich, Michael Milligan, Heidi Pitts, Curt Shepherd, Tyler Prante, Jason Hansen, Paul Paez, Hari Katuwal, Dave Dixon, Brad Bergsbaken, Yingzhe Cheng, Jared Grant, Qihua Ma

TEACHING MENTOR

Paul Paez, German Izon, Heidi Pitts, Menuka Karki, Robby Fonner

CLASSROOM TEACHING

Principles of Microeconomics (U) Econ 106

Fall 2003: 146 students

Spring 2004: 76 students

Fall 2004: 120 students

Fall 2006: 99 students

Spring 2011: 117 students

Intermediate Microeconomics (U) Econ 300

Spring 2004: 29 students

Independent study

Fall 2004: Health economics

Spring 2005: Discrete choice

Himalayan Study Abroad (U) Econ 395

Summer 2009: 5 students

Environment and Society (U) Econ 203

Fall 2005: 16 students

Spring 2007: 11 students

Spring 2008: 40 students

Spring 2009: 68 students

Mathematical Methods in Economics (U) Econ 407

Fall 2008: 14 students

Fall 2009: 13 students

Fall 2011: 12 students

Microeconomics Theory I (G) Econ 501

Fall 2009: 15 students
Fall 2011: 10 students

Mathematical Economics (G) Econ 504
Fall 2003: 17 students
Fall 2004: 15 students
Fall 2005: 13 students
Fall 2006: 10 students
Fall 2007: 15 students
Fall 2008: 18 students

Survey of Envir. & Natural Resources (G) Econ 542
Spring 2006: 9 students
Fall 2007: 12 students
Spring 2009: 6 students

Topics in Envir. & Natural Resources (G) Econ 542
Spring 2012: 12 students

PROFESSIONAL SERVICE

JOURNAL REFEREE

Environmental/Agricultural Economics journals: Journal of Environmental and Economic Management, American Journal of Agricultural Economics, Environmental and Resource Economics, Land Economics, Ecological Economics, Water Resources Research, Resource and Energy Economics, Journal of Agricultural and Resource Economics, Journal of Environmental Management, Australian Journal of Agricultural and Resource Economics, Journal of Agricultural Economics, Marine Resource Economics, Journal of Leisure Research, Society and Natural Resources, North American Journal of Fisheries Management

Health economics journals: Health Economics, Health Policy, Value In Health, Computer Methods & Programs in Biomedicine,

General interest journals: Southern Economic Journal, Contemporary Economic Policy, Journal of Regulatory Economics

REVIEWER FOR FUNDING ORGANIZATIONS

USDA PREISM, South Asian Network for Development and Environmental Economics, Social Sciences and Humanities Research Council of Canada

TEXTBOOK REVIEWER

Principles of Microeconomics (2), Intermediate Microeconomics (2)

DISCUSSANT

Eastern Economic Association, Canadian Resource & Environmental Economics, Southern Economic Association, Agricultural & Applied Economics Association

DEPARTMENTAL AND UNIVERSITY SERVICE

UNM ECONOMICS DEPARTMENT: COMMITTEES

Seminar	Spring 2004-Fall 2005, Fall 2008
Personnel	Fall 2005, Fall 2007, Spring 2011
Microeconomics Core Exam	Fall 2004-Summer 2008
Microeconomics Core Exam Chair	Fall 2009-present
Graduate	Spring 2004-Spring 2006, Fall 2008,
Undergraduate	Spring 2011
Macroeconomics Core Exam	Fall 2006 - Spring 2007
Econometrics Core Exam	Fall 2005
Envir/Natl Resources Field Exam	Spring 2004
Envir/Natl Resources Field Exam (Chair)	Fall 2003
Faculty Hiring Committee Academic	Spring 2007-Fall 2007
Advisor Hiring Committee (Chair)	Fall 2007, Spring 2008, Fall 2011, Spring 2012 Spring 2012

UNM ECONOMICS DEPARTMENT: OTHER

Graduate poster symposium (co-chair)	Spring 2008
Survey of Principles students	Spring 2005- Fall 2006
Majors recruitment fair	Fall 2004, Spring 2005
Graduate job market seminar	Fall 2003

Departmental statements Spring 2007, Spring 2008
Co-wrote statement on sponsored research issues; wrote statement on collection of SSNs and incentive-payments

UNIVERSITY OF NEW MEXICO

UNM Water Resources Center Fall 2007-present
Affiliated faculty member; chaired Water Resources student's Professional Project; presented at Annual Fall UNM Water Forum (Oct 5, 2007)

UNM Nepal Studies Center Fall 2007-present
Affiliated faculty member; helped coordinate Kathmandu University delegation visit; help in grant-writing and student advisement; served on coordinating committee for

Spoke at Wilderness Society press conference on amenity values
Wrote editorial pieces on environmental economics issues for New Mexico Independent

Middle Rio Grande Conservancy District February 2007
Reviewed survey proposals in response to MRGCD RFP

Volunteer Fall 2003-Summer 2005
Big Sister volunteer at Big Brothers/Big Sisters of Central New Mexico

Judge Spring 2005, Spring 2006
Jefferson Middle School Science Fair

Guest Lecturer Summer 2004
Advanced Placement Summer Institute Economics Training for High School A.P. Teachers

PROFESSIONAL RECOGNITION

RESEARCH

Leslie Whittington Endowed Fellowship 2002
University of Colorado, Department of Economics

Reuben A Zubrow Fellowship 2001
University of Colorado, Department of Economics

University of Colorado Fellowship 1998
Awarded as incoming graduate student

TEACHING

Teaching Excellence Award Winner 2001
Selected as one of top 12 graduate instructors at University of Colorado

Stanford Calderwood Teaching Award 2000
University of Colorado, Department of Economics

Teaching Assistant Award Nominee 1999
Nominated as one of top graduate TAs at University of Colorado

SERVICE

UGGS Lifetime Achievement Award 2002
Awarded for service to graduate students by University of Colorado, United Government of Graduate Students