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EDUCATION

Colorado State University	Ph.D.	Economics	12/83
(Fields: Environmental & Natural Resource Economics, Public Finance and Forest Economics)			
California State University, Northridge	M.A.	Economics	1/77
California State University, Northridge	B.A.	Economics	8/75

AWARDS AND HONORS

Wall Street Journal Award, 1973
Quality Performance Award, U.S. Fish and Wildlife Service, 1985
Invited to write nomination for Nobel Prize in Economics, 1998
Distinguished Publication Award, USDA Forest Service, Pacific Southwest Research Station, 2000
Distinguished Scholar, Western Agricultural Economics Association, 2004
Outstanding Journal Article for 2008, *Journal of Agricultural and Applied Economics*.
Publication of Enduring Quality, Agricultural and Applied Economics Association (AAEA), 2009.

PUBLICATIONS

Three books, *Integrated Public Lands Management* published by Columbia University Press, *Recreation Economic Decisions, 2nd ed.*, and *Environmental Policy Analysis for Decision Making*, plus 219 articles in journals including Land Economics, American Journal of Agricultural Economics, Public Finance Quarterly, Review of Economics and Statistics, Environmental & Resource Economics, Journal of Forestry, Water Resources Research and Journal of Environmental Economics and Management. Have published 71 proceedings papers/book chapters and 26 Experiment Station or Government Reports. See attached listing.

MEMBERSHIPS AND POSITIONS IN PROFESSIONAL SOCIETIES

Associate Editor, American Journal of Agricultural and Resource Economics (2012-2015)
Science Advisor to the Grand Canyon Monitoring and Research Center (2001-03)
Vice President, Association of Environmental and Resource Economists (2000-01)
Board of Directors, Association of Environmental and Resource Economists (1993-1995)
Co-Editor, Association of Environmental and Resource Economists Newsletter (1998 to present)
Associate Editor (1989-92), Water Resources Research
Editorial Council Member (1998-2000), *Journal of Agricultural and Resource Economics*

WORK EXPERIENCE

8/93 to present: Professor, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, CO.
8/85 to 7/93: Associate Professor, Division of Environmental Studies & Department of Agricultural Economics, University of California, Davis, CA.
3/80 to 7/85: Economist, U.S. Department of Interior, U.S. Fish and Wildlife Service, Ft. Collins, CO.

SELECTED GRANTS 1993-2011: PI on \$3.8 million; Co-PI on additional \$1.75 million

National Science Foundation-Multi-Institution Bio-Complexity Grant \$1.7 million (Lead PI)
US Forest Service and US DOI- Fire Economics Research Grants (PI), \$1.1 million
US Forest Service - Behavioral Anomalies, Reliability & Validity in CVM, (PI) \$80,000
Bureau of Reclamation - Economic Value of Endangered Species, (PI) \$53,000
USEPA - Measuring Societal Perceptions, Attitudes and Values, (PI) \$115,000
US Forest Service- Measuring Benefits of Ecological Integrity, (PI) \$77,000
USEPA- Valuing Children's Health (Co-PI) \$395,000
US Forest Service-Economic Analysis of Air Quality Impacts: (PI) \$252,000
US Bureau of Land Management: Study of the Effects of Social Impacts \$125,461
US Geological Survey: Economic Values of Landsat Imagery (PI): \$100,000.
US Farm Services Agency, Effects of Conservation Reserve Program Lands on Outdoor Recreation (PI) \$200,000

I. BOOKS

Integrated Public Lands Management: Principles and Applications to National Forests, Parks and Wildlife Refuges, and BLM Lands. Columbia University Press, New York, NY. 1993. 2nd Edition. 2002.

Recreation Economic Decisions: Comparing Benefits and Costs. 2nd, Edition. Venture Publishing, State College, PA. 1997. Co-authored with Richard Walsh.

Environmental Policy Analysis for Decision Making. Kluwer Academic Publishers, 2001. Co-authored with Gloria Helfand.

II. SCIENTIFIC JOURNAL ARTICLES

219. The Hidden Costs of Wildfires: Economic Valuation of Health Effects of Wildfire Smoke Exposure in Southern California. *Journal of Forest Economics*. Forthcoming (but on-line). With L. Richardson and P. Champ.

218. Did the Great Recession Reduce Visitor Spending and Willingness to Pay for Nature-Based Recreation: Evidence from 2006 and 2009. *Contemporary Economic Policy*. Forthcoming (but on-line). With C. Keske.

217. Valuing Mortality Impacts of Smoke Exposure from Major Southern California Wildfires. *Journal of Forest Economics*, forthcoming (but on-line). With I. Kochi, P. Champ, and G. Donovan.

216. A New Approach to Value Urban Recreation Using Visitors' Time Allocations. *Urban Public Economic Reviews* 14: 13-24. 2011.

215. What's to Know about Hypothetical Bias in Stated Preference Valuation Studies. *Journal of Economic Surveys* 25(2): 363-370. 2011.

214. Testing Differences in Estimation of River Recreation Benefits for International and Domestic Tourists as a Function of Single versus Multiple-Destination Trips. *Journal of Hospitality Marketing & Management* 20: 143-165. 2011. with L. Santiago.

213. Incorporating Distributional Issues into Benefit Cost Analysis: Why, How, and Two Empirical Examples Using Non-market Valuation. *Journal of Benefit Cost Analysis* 2(1): Article 5. Berkeley Electronic Press. 2011.

212. Comparing Tourists' Behaviour and Values of Land Use Changes. *Journal of Environmental Planning and Management* 54(1): 55-69. 2011. With L. Ellingson and A. Seidl.

211. Forest Service Use of Nonmarket Valuation in Fire Economics: Past, Present, and Future. *Journal of Forestry* 108(8): 389-396. with Armando Gonzalez-Caban (USFS). 2010.

210. The Economic Cost of Adverse Health Effects from Wildfire-Smoke Exposure: A Review. *International Journal of Wildland Fire* 19: 803-817. 2010. With I. Kochi, G. Donovan, P. Champ.

209. Do CVM Estimates Suffer from On-Site Sampling Bias? A Comparison of On-Site and Visitor Surveys. *Agricultural and Resource Economics Review* 39(3): 561-570. 2010. with J.M. Gonzalez-Sepulveda.

208. An Improved Method for Calibrating Purchase Intentions in Stated Preference Demand Models. *Journal of Agricultural and Applied Economics* 42(4): 679-693. 2010. with Steve Davies, CSU.

207. Willingness to Pay Function for Two Fuel Treatments to Reduce Wildfire Acreage: A Scope Test and Comparison of White and Hispanic Households. *Forest Policy and Economics* 11: 155-160. 2009. With Le Trong Hung and A. Gonzalez-Caban.

206. Economic Valuation of Environmental Damages due to the Prestige Oil Spill in Spain. *Environmental and Resource Economics* 44:537-553. 2009 with M. Loureiro and M. Xose-Vazquez.

205. A Comparison of Actual and Hypothetical Willingness to Pay of Parents and Non-Parents for Protecting Infant Health: The Case of Nitrates in Drinking Water., *Journal of Agricultural and Applied Economics*, 41,3(December 2009):697-712. With P. Bell, H. Cooney and C. Asmus.
204. Using Numerical Dynamic Programming to Compare Passive and Active Learning in Adaptive Management of Nutrients in Shallow Lakes. 2009. *Canadian Journal of Agricultural Economics* 57: 555-573. with Craig Bond.
203. Non-Market Valuation of Off-Highway Vehicle Recreation in Larimer County, Colorado: Implications for Trail Closures. *Journal of Environmental Management* 2009. 90(1): 3490-3497. With D.Deisenroth, and C. Bond.
202. The Economic Value of Novel Means of Ascending High Mountain Peaks: A Travel Cost Demand Model of Pikes Peak Cog Railway riders, automobile users and hikers. *Tourism Economics* 15(2): 426-436. 2009. With Catherine Keske.
201. Recreation Benefits of Natural Area Characteristics at El Yunque National Forest. *Environmental Planning and Management* 52(4): 535-547. With Luis Santiago. 2009.
200. A Hybrid Individual-Zonal Travel Cost Model for Estimating the Consumer Surplus for Golfing in Colorado. *Sports Economics* 10(2): 155-167. With O.Tadjion, P. Watson, J. Wilson, S. Davies and D. Thilmany. 2009.
199. Mountain Substitutability and Peak Load Pricing of High Alpine Peaks as a Management tool to Reduce Environmental Damage: A Contingent Valuation Study. *Journal of Environmental Management* 90: 1751-1760. 2009. with C. Keske.
198. The Total Economic Value of Threatened, Endangered and Rare Species: An Updated Meta- Analysis, *Ecological Economics* 68: 1535-1548. 2009. With Leslie Richardson.
197. The Potential of Agent Based Modelling for Performing Economic Analysis of Adaptive Natural Resource Management. *Journal of Natural Resources Policy Research*: 1(1): 1-15. 2009. with C. Bond & D. Harpman.
196. Do Repeated Wildfires Change Homebuyers' Demand for Homes in High Risk Areas? A Hedonic Analysis of the Short and Long-term Effects of Repeated Wildfires on House Prices in Southern California. *Journal of Real Estate Finance and Economics* 38:155-172. 2009. With J. Mueller and A. Gonzalez-Caban.
195. Instream Flow as a Public Good: Possibilities for Economic Organization and Voluntary Local Provision. *Review of Agricultural Economics*, 30(3): 445-456. 2008. With Edna Loehman, Purdue University
194. A Joint Estimation Method to Combine Dichotomous Choice CVM Models with Count Data TCM Models Corrected for Truncation and Endogenous Stratification. 2008. *Journal of Agricultural and Applied Economics* 49(2): 681-697. With Juan Marcos Gonzalez and Armando Gonzalez-Caban. Won Outstanding Journal Article for 2008 at the *Journal of Agricultural and Applied Economics*.
193. Spatial Dependence in Hedonic Property Models: Do Different Corrections Result in Economically Significant Differences in Estimated Implicit Prices 2008. *Journal of Agricultural and Resource Economics* 33(2): 212-231. With Julie Mueller.
192. Comparing Recreation Benefits from On-site versus household surveys in count data models with over-dispersion. 2008. *Tourism Economics* 14(3): 567-576. With R. Martinez-Espineira, J. Amoako-Tuffour and J. Hilbe
191. Using Non Market Valuation to Inform the Choice Between Permits and Fees in Environmental Regulation. 2008. *Environmental and Resource Economics* 40: 329-337. With Bryan Allen.
190. Frameworks for Analyzing the Economic Effects of Climate Change on Outdoor Recreation., 2008. *Climate Research* 36: 259-269. with D. Shaw.
189. Regional Economic Contribution and Net Economic Values of Opening Access to Three Colorado Fourteeners. 2008. *Tourism Economics* 14(2): 249-262. with Catherine Keske

188. A Model for Predicting Daily Peak Visitation and Implications for Recreation Management and Water Quality: Evidence from Two Rivers in Puerto Rico. 2008. *Environmental Management* 41(6): 904-914. With L. Santiago and A. Gonzalez-Caban.
187. The Decision to Use Benefit Transfer or Conduct Original Valuation Research for Benefit-Cost and Policy Analysis. *Contemporary Economic Policy* 26(1): 1-12. 2008. with Bryon Allen.
186. Estimating rates of substitution for protecting values at risk for initial attack planning and budgeting. *Forest Policy and Economics* 10: 205-219. With D. Rideout, P. Ziesler, R. Kling and S. Botti. 2008.
185. Are High Wages Hazardous to Your Health ? The Myth that Attracting Higher Paying Extractive Industry Jobs is a Desirable Community Economic Development Strategy. *Western Economic Forum* 6(2): 10-14. Fall 2007, with Joe Kerkvliet and Stephan Weiler
184. Defining, Valuing, and Providing Ecosystem Goods and Services. *Natural Resources Journal* 47(2): 329-376. with T. Brown and J. Bergstrom. 2007.
183. Willingness-to-pay for prescribed fire in Colorado (USA) wildland urban interface. *Forest Policy and Economics* 9: 928-937. May 2007. With Pamela Kaval and Andy Seidl.
182. A Comparison of CVM Survey Response Rates, Protests and Willingness to Pay of Native Americans and General Population for Fuel Reduction Policies. *Journal of Forest Economics* 13: 49-71. 2007. With A. Gonzalez-Caban, Hayley Hesseln.
181. Comparing Money and Labour Payment in Contingent Valuation: The Case of Forest Fire Prevention in Vietnamese Context. *Journal of International Development* 19: 173-185. 2007. with Le Trong and Vu Tien Thinh
180. Correcting for On-Site Visitor Sampling Bias when Estimating the Regional Economic Effects of Tourism. *Tourism Economics* 13(1): 41-47. 2007.
179. Comparing the Value of Fuel Treatment Options in northern Colorado's Urban and wildland –urban interface areas. *Forest Policy and Economics* 9: 694-703. With S. Walker, R. Rideout and R. Reich. 2007.
178. Recreation as a Spatial Good: Distance Effects on Changes in Recreation Visitation and Benefits. *The Review of Regional Studies* 36(3): 362-380. with R. Richardson and S. Weiler.
177. Testing the Convergent Validity of Videotape Survey Administration and Phone Interviews in Contingent Valuation. *Society & Natural Resources* 19: 367-375. 2006. With J. Miller, A. Gonzalez-Caban, J. Champ.
176. Evaluating the Performance of Different Willingness to Pay Question Formats for Valuing Environmental Restoration in Rural China. *Environment and Development Economics* 11: 585-601. 2006. With X. Zhongmin, A. Ahiqiang, K. Hamaura.
175. Reducing Barriers in Future Benefit Transfers: Needed in Primary Study Design and Reporting. 2006. *Ecological Economics* 60: 343-350. with R. Rosenberger.
174. Estimating Recreation and Existence Values of Sea Otter Expansion in California Using Benefit Transfer. *Coastal Management* 34(4): 387-404. 2006.
173. The Role of Ethnicity and Language in Contingent Valuation Analysis: A Fire Prevention Policy Application. *Am. J. of Economics and Sociology* 65(3): 559-587. With L. Ellingson, A. Gonzalez-Caban & A. Seidl. 2006.
172. Importance of Including Use and Passive Use Values in River and Lake Restoration. *Journal of Contemporary Water Research and Education*, #134: 4-8. July 2006.
171. Use of Survey Data to Estimate Economic Value and Regional Economic Effects of Fishery Improvements. *North American Journal of Fisheries Management* 26: 301-307. 2006.

170. A External Validity Test of Intended Behavior: Comparing Revealed Preference and Intended Visitation in Response to Climate Change. *Journal of Environmental Planning and Management* 49(4): 621-630. 2006. with Robert Richardson.
169. A Comparison of the Effect of Multiple Destination Trips on Recreation Benefits as Estimated by Travel Cost and Contingent Valuation Methods. *Journal of Leisure Research* 38(1): 46-60. 2006.
168. Irrigation Water Demand: A Meta-Analysis of Price Elasticities. *Water Resources Research*, Vol 42, W01411: 1-9. 2006. With S. Scheierling and Robert Young.
167. The Importance of Adjusting for Trip Purpose in Regional Economic Analyses of Tourist Destinations. *Tourism Economics* 12(1): 33-43. 2006. with Lynne Caughlan, USGS.
166. Deriving Values for the Ecological Support Function of Wildlife: An Indirect Valuation Approach. *Ecological Economics* 56: 49-57. 2006. With Bryon Allen.
165. Testing Transferability of Willingness to Pay for Forest Fire Prevention Among Three States of California, Florida and Montana. *Journal of Forest Economics* 11: 125-140. 2005. with H.T. Le and A. Gonzalez-Caban
164. Estimating the Economic Benefits of Maintaining Residential Lake Levels at an Irrigation Reservoir: A Contingent Valuation Study. *Water Resources Research*, 2005. Vol 41, W0805: 1-9. with A. Smith and Paul Huszar.
163. Economic Values without Prices: The Importance of Nonmarket Values and Valuation for Informing Public Policy Debates. 2005. *Choices* 20(3): 179-182.
162. Computational Methods for Measuring the Difference of Empirical Distributions. *American Journal of Agricultural Economics* 2005. 87(2): 353-365. With G. Poe and K. Giraud.
161. Climate Change and Recreation Benefits in an Alpine National Park. *Journal of Leisure Research* 37(3): 307-320. 2005. With R. Richardson.
160. Using Random Parameters to Account for Heterogeneous Preferences in Contingent Valuation of Public Open Space. *Journal of Agricultural and Resource Economics* 29(3): 537-552. With L. Nahuelhual and M. Loureiro. 2004.
159. Do Nearby Forest Fires Cause a Reduction in Residential Property Values. *Journal of Forest Economics* 10: 149-157. 2004.
158. How Bison and Elk Populations Impact Park Visitation: A Comparison of Results from a Survey and Historic Visitation Regression Model. *Society and Natural Resources* 17: 941-949. 2004.
157. Adaptive Recreation Planning and Climate Change: A Contingent Visitation Approach. *Ecological Economics* 50: 83-99. 2004. With Robert Richardson.
156. A Comparison of a parametric and non-parametric method to value a non-rejectable public good. *Journal of Forest Economics* 10: 61-74. 2004. With Maria Loureiro and Laura Nahuelhual.
155. Estuary Management and Recreational Fishing Benefits. *Coastal Management* 32: 417-432. 2004. With John Bergstrom and Jeffrey Dorfman, University of Georgia.
154. Comparing the Economic Effects of Fire on Hiking Demand in Montana and Colorado. *Journal of Forest Economics* 10: 21-35. 2004. With A. Gonzalez-Caban and Hayley Hesseln.
153. Multicultural Evaluation of the Performance of Contingent Valuation For Forest Fire Prevention. *Contemporary Economic Policy* 22(3): 407-419. July 2004. With A. Gonzalez-Caban and Hayley Hesseln.

152. A Hedonic Model of Public Market Transactions for Open Space Protection. *Journal of Environmental Planning and Management* 47(1): 83-96. January 2004.
151. Addressing Heterogeneous Preferences Using Parametric Extended Spike Models. *Environmental and Resource Economics* 27: 297-311. 2004. With Laura Nahuelhual-Munoz, Maria Loureiro.
150. Linking Intended Visitation to Regional Economic Impact Models of Bison and Elk Management. *Human Dimensions of Wildlife* 9:17-33. 2004. With Lynne Caughlan.
149. Wildfire Effects on Hiking and Biking Demand in New Mexico: A Travel Cost Study. *Journal of Environmental Management* 69: 359-368. 2003. With A. Gonzalez-Caban, Hayley Hesselin and S. Alexander
148. Travel Cost Demand Model Based River Recreation Benefit Estimates with On-site and Household Surveys. *Water Resources Research* 39(4). 2003. WES 5-1 to 5-4.
147. Estimating the Benefits of Maintaining Adequate Lake Levels to Homeowners Using the Hedonic Property Method. *Water Resources Research* 39(9). 2003. With M. Feldman.
146. Economic Benefits of Reducing Fire-Related Sediment in Southwestern fire-prone Ecosystems. *Water Resources Research* 39(3). 2003. With P. Wohlgemuth, A. Gonzalez-Caban and D. English.
145. Meta-Analytic Benefit Transfer of Outdoor Recreation Economic Values: Testing Out-of-Sample Convergent Validity. *Environmental and Resource Economics* 25: 79-100. 2003. With Ram Shrestha.
144. Applying Contingent Valuation in China to Measure Total Economic Value of Restoring Ecosystem Services in Ejina Region. *Ecological Economics* 44: 345-358. 2003. With Xu, Z., C. Guodong, A. Ahlqiang, S. Shiyong.
143. Expanding Institutional Arrangements for Acquiring Water for Environmental Purposes: Transactions Evidence for the Western United States. *International Journal of Water Resources Development*. Vol. 19, No. 1, pp. 21-28. With Katherine Quattlebaum, Thomas C. Brown and Susan J. Alexander. March 2003.
142. Driving Regional Economic Impact Models with a Statistical Model: Hypothesis testing for Economic Impact Analysis. *The Review of Regional Studies* 32(1): 97-111. 2002. With S. Weiler, R. Richardson and S. Shwiff.
141. Language-Related Differences in a Contingent Valuation Study: English versus Spanish. *American Journal of Agricultural Economics*. Vol. 84, No. 4, pp. 1091-1102. With Lucas S. Bair and Armando Gonzalez-Caban. November 2002.
140. Quantifying Recreation Use Values from Removing Dams and Restoring Free-Flowing Rivers: A Contingent Behavior Travel Cost Demand Model for the Lower Snake River. *Water Resources Research*. Vol. 38, No. 6, June 2002.
139. Economic Benefit of the Protection Program for the Steller Sea Lion. *Marine Policy*. No 26, pp. 451-458. With Kelly Giraud, Branka Turcin and Joseph Cooper. May 2002.
138. Estimating the Economic Value of Big Game Habitat Production from Prescribed Fire Using a Time Series Approach. *Journal of Forest Economics*. No. 8, pp. 119-129. With Dana Griffin, Ellen Wu and Armando Gonzalez-Caban. 2002.
137. Applying a Method of Paired Comparisons to Measure Economic Values for Multiple Goods Sets. *Journal of Agricultural and Applied Economics*. Vol. 34, No. 1, pp. 215-229. With Randall S. Rosenberger and George L. Peterson. April 2002.
136. A Defense of Cost-Benefit Analysis for Natural Resource Policy. *The Environmental Law Reporter News and Analysis*. Vol. 32, No. 2, pp. 10239-10244. With Shi-Ling Hsu. February 2002.

135. A Comparison of Willingness to Pay Estimation Techniques From Referendum Questions, Application to Endangered Fish. *Environmental and Resource Economics*. No. 20, pp. 331-346. With Kelly L. Giraud and Joseph C. Cooper. 2001.
134. Testing for Differential Effects of Forest Fires on Hiking and Mountain Biking Demand and Benefits. *Journal of Agricultural and Resource Economics*. Vol. 26, No. 2, pp. 508-522. With Armando Gonzalez-Caban and Jeffrey Englin. 2001.
133. Improving Statistical Efficiency and Testing Robustness of Conjoint Marginal Valuations. *American Journal of Agricultural Economics*. 83(5), pp. 1321-1327. With Michelle A. Haefele. 2001.
132. The Dynamic Path of Recreational Values Following a Forest Fire: A Comparative Analysis of States in the Intermountain West. *Canadian Journal of Forest Research*. Vol. 31, pp. 1837-1844. With Jeffrey Englin and Armando Gonzalez-Caban. 2001.
131. Testing a Meta-analysis Model for Benefit Transfer in International Outdoor Recreation. *Ecological Economics*. No. 39, pp. 67-83. With Ram K. Shrestha. 2001.
130. Prescribed Fire and Public Support: Knowledge Gained, Attitudes Changed in Florida. *Journal of Forestry*. Vol. 99, No. 11, pp. 18-23. With Lucas S. Bair, and Armando Gonzalez-Caban. November 2001.
129. Using the Conjoint Analysis Technique for the Estimation of Passive Use Values of Forest Health. *Journal of Forest Economics*. Vol. 7, No. 1. With Michelle A. Haefele. January 2001.
128. Panel Stratification in Meta-Analysis of Economic Studies: An Investigation of Its Effects in the Recreation Valuation Literature. *Journal of Agricultural and Applied Economics*. Vol. 32, No. 3, pp. 459-470. With Randall S. Rosenberger. December 2000.
127. Measuring the Total Economic Value of Restoring Ecosystem Services in an Impaired River Basin: Results from a Contingent Valuation Survey. *Ecological Economics*. 33, pp. 103-117. With Paula Kent, Liz Strange, Kurt Fausch, and Alan Covich. 2000.
126. Testing Significance of Multi-Destination and Multi-Purpose Trip Effects in a Travel Cost Method Demand Model for Whale Watching Trips. *Agricultural and Resource Economics Review*. 29/2, pp. 183-191. With Shizuka Yorizane and Douglas Larson. October 2000.
125. Environmental Valuation Techniques in Water Resource Decision Making. *Journal of Water Resources Planning and Management*, Vol. 126, No. 6, pp. 339-344. November/December 2000.
124. Vertically Summing Public Good Demand Curves: An Empirical Comparison of Economic versus Political Jurisdictions. *Land Economics*, 76 (2): 312-321. 2000
123. Counting on Recreation Use Data: A Call for Long-Term Monitoring. *Journal of Leisure Research*, Vol. 32, No. 1, pp. 93-96. 2000.
122. Endogenously Chosen Travel Costs and the Travel Cost Model: an Application to Mountain Biking at Moab, Utah. *Applied Economics*, 32, 1227-1231. With Peter Fix and Rick Eichhorn. 2000.
121. Using the Demand for Hunting Licenses to Evaluate Contingent Valuation Estimates of Willingness to Pay. *Applied Economics Letters*, 7, 435-438. With Cynthia Pierce and Mike Manfredo. 2000.
120. Can Environmental Economic Valuation Techniques Aid Ecological Economics and Wildlife Conservation? *Wildlife Society Bulletin* 28(1)52-60. 2000.
119. Using Meta-Analysis for Benefit Transfer: In-Sample Convergent Validity Tests of an Outdoor Recreation Database. *Water Resources Research*, 36(4): 1097-1107. With Randall S. Rosenberger. 2000.

118. Effects of Gender and Parental Status on the Economic Valuation of Increasing Wetlands, Reducing Wildlife Contamination and Increasing Salmon Populations. *Society & Natural Resources*, 13:1-14. With Gretchen A. Teal. 2000.
117. Trichotomous Choice: A Possible Solution to Dual Response Objectives in Dichotomous Choice Contingent Valuation Questions. *Journal of Agricultural and Resource Economics*, 24(2):572-583. With Kerri Traynor and Thomas Brown. 1999.
116. The Value of Ranch Open Space to Tourists: Combining Observed and Contingent Behavior Data. *Growth and Change*, 30:366-383. With Randall S. Rosenberger. 1999.
115. Two Valuation Questions in One Survey: Is It a Recipe for Sequencing and Instrument Context Effects? *Applied Economics*, 31:957-964. 1999. With Kelly L. Giraud and Richard L. Johnson.
114. Internal and External Scope in Willingness-to-Pay Estimates for Threatened and Endangered Wildlife. *Journal of Environmental Management*, 56:221-229. 1999. With K.L. Giraud and R.L. Johnson.
113. Do Additional Designations of Wilderness Result in Increases in Recreation Use? *Society & Natural Resources*, 12:481-491. 1999.
112. A Statistical Approach to Estimating Costs of Propagating Hatchery Rainbow Trout. *North American Journal of Fisheries Management*, 19:110-119. 1999. With Peter Fix.
111. Using GIS to identify under-represented ecosystems in the National Wilderness Preservation System in the USA. *Environmental Conservation*, 26(1):53-58. 1999. With J. Chris Ecohawk.
110. An Investigation into the Presence and Causes of Environmental Inequity in Denver, Colorado. *The Social Science Journal*, 36, No. 1, 77-92. 1999. With Sabina L. Shaikh.
109. Economic Impacts of State Parks: Effect of Park Visitation, Park Facilities, and County Economic Diversification. *Journal of Park and Recreation Administration*, 16, No. 4, 57-72. 1998. Lead authors Maureen P. Donnelly, Jerry J. Vaske, and Darla S. DeRuiter.
108. WTA Estimates Using the Method of Paired Comparison: Tests of Robustness. *Environmental and Resource Economics*, 12, 375-386. 1998. Lead author Patricia Champ, US Forest Service.
107. Estimating the Public's Values for Instream Flow: Economic Techniques and Dollar Values. *Journal of the American Water Resources Association*, 34, No. 5, 1007-1014. 1998.
106. Incorporating Respondent Uncertainty When Estimating Willingness to Pay for Protecting Critical Habitat for Threatened and Endangered Fish. *Water Resources Research*, 34, No. 11, 3149-3155. 1998. With Earl R. Ekstrand.
105. Testing the Importance of Fish Stocking as a Determinant of the Demand for Fishing Licenses and Fishing Effort In Colorado. *Human Dimensions of Wildlife*, 3, No. 3, 46-61. 1998. With Peter Fix.
104. Joint Estimation of Multiple CVM Scenarios under a Double Bounded Questioning Format. *Environmental and Resource Economics*, 12, 77-98. 1998. With Mary Riddel.
103. A Willingness-to-pay function for protecting acres of spotted owl habitat from fire. *Ecological Economics*, 25, 315-322. 1998. With Armando González-Cabán.
102. Paired Comparison Estimates of Willingness to Accept Versus Contingent Valuation Estimates of Willingness to Pay. *Journal of Economic Behavior & Organization*, 35, 501-515. 1998. With George Peterson, Patricia Champ, Thomas Brown and Beatrice Lucero.

101. Use of Non-Market Valuation Studies in Water Resources Management Assessments. *Water Resources Update*, 109, 5-9. Autumn 1997.
100. Comparing the Economic Value of Mountain Biking Estimated Using Revealed and Stated Preference. *Journal of Environmental Planning and Management*, 41(2), 22-236. 1998. With Peter Fix.
99. Economic Benefits of Critical Habitat for the Mexican Spotted Owl: A Scope Test Using a Multiple Bounded Contingent Valuation Survey. *Journal of Agricultural and Resource Economics* 22(2):356-366. 1997. With E. Ekstrand.
98. Panel Estimators to Combine Revealed and Stated Preference Dichotomous Choice Data. *Journal of Agricultural and Resource Economics* 22(2):233-245. 1997.
97. Comparing the Economic Value of Reducing Fire Risk to Spotted Owl Habitat in California and Oregon. *Forest Science* 43(4):473-482. 1997. With Armando Gonzalez-Caban.
96. Evaluating the Validity of the Dichotomous Choice Question Format in Contingent Valuation. *Environmental and Resource Economics* 10:109-123. 1997. With T. Brown, B. Lucero and G. Peterson.
95. The Economic Benefits of Mountain Biking at One of Its Meccas. *Journal of Leisure Research* 29(3):342-352. 1997. With P. Fix, CSU.
94. How Certain Are Visitors of Their Economic Values of River Recreation: An Evaluation Using Repeated Questioning and Revealed Preference. *Water Resources Research*. 33, 1187-1193. With Armando Gonzales-Caban. 1997.
93. Economic Benefits of Maintaining Ecological Integrity of Rio Mameyes, In Puerto Rico. *Ecological Economics*. 21, 63-75. With Armando Gonzalez-Caban. 1997.
92. The Effect of Distance on Willingness to Pay Values: A Case Study of Wetlands and Salmon in California. *Ecological Economics*. 20, 199-207. With Jennifer Pate. 1997.
91. Semi-nonparametric Distribution-Free Dichotomous Choice Contingent Valuation. *Journal of Environmental Economics and Management*. 32, 341-358. With Michael Creel. 1997.
90. The Importance of the Market Area Determination for Estimating Aggregate Benefits of Public Goods: Testing Differences in Resident and Nonresident Willingness to Pay. *Agricultural and Resource Economics Review*, pp. 161-170. With Armando Gonzalez-Caban. 1996.
89. Improving Validity Experiments of Contingent Valuation Methods: Results of Efforts to Reduce the Disparity of Hypothetical and Actual Willingness to Pay. *Land Economics*, 72(4):450-461. With Thomas Brown, Beatrice Lucero and George Peterson. 1996.
88. Economic Values of Increasingly Rare and Endangered Fish. *Fisheries Economics*, 21(11):6-10. With Douglas S. White. 1996.
87. Economic Benefits of Rare and Endangered Species: Summary and Meta-Analysis. *Ecological Economics*, 18(3):197-206. With Douglas S. White. 1996.
86. How Large is the Extent of the Market for Public Goods: Evidence From a Nationwide Contingent Valuation Survey. *Applied Economics*, 28(7):779-782. 1996
85. Economic Analysis of Deer Management Alternatives on Public Lands in Northern California. *Human Dimensions of Wildlife*, 1(2):14-23. With Brian Roach and Robert Motroni. 1996.

84. Joint Estimation of Contingent Valuation Survey Responses. *Environmental and Resource Economics*, 7:149-162. With Timothy Park. 1996.
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