

## *Curriculum Vitae*

**Laura M. J. McCann**

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### **EDUCATION**

- 1997            Ph.D., Agricultural and Applied Economics, University of Minnesota.  
Dissertation: "*Policy Options for Controlling Phosphorus Pollution in the Minnesota River*". Advisor: K. William Easter
- 1986            M.S. Animal Nutrition, University of Minnesota. Minor: Agronomy. Thesis:  
"*Nutritive Value of Moroccan Feeds*".
- 1982            B.S. Animal Science, University of Minnesota.

### **FIELDS**

Natural Resource and Environmental Economics, Agricultural Policy, Trade and Development

### **PROFESSIONAL EXPERIENCE**

- 2001- present    Department of Agricultural Economics, University of Missouri - Assistant Professor 2001-2007, Associate Professor 2007. Research areas include transaction costs of agri-environmental policies related to animal waste, phosphorous, and pesticides; measurement issues related to transaction costs; determinants of transaction costs including property rights institutions; and adoption of manure management practices. Courses taught include environmental economics and international agricultural development.
- 1997- 2001        Agricultural and Resource Economics, University of Western Australia - Lecturer. Conducted research on policies relating to agriculturally caused natural resource and environmental problems including salinity in Australia and pesticides in Vietnam. Supervised graduate students who examined

pollution from shrimp farms in Thailand, the potential of olive plantations to reduce salinity, and the value of urban bushland in Western Australia. Taught courses on environmental policy, natural resource economics, and agricultural production and management.

- 1993-1997 Department of Applied Economics, University of Minnesota, St. Paul - Graduate Research Assistant. Conducted research on policies relating to non-point source pollution. Developed methodology to incorporate transaction costs in cost effectiveness evaluations. Surveyed hydrological models of phosphorus runoff and literature relating to water quality problems in the Minnesota River.
- 1987-1992 Center for Alternative Plant and Animal Products, St. Paul, Minnesota - Program Coordinator 1987-1990, Acting Director 1990-1992. Provided information to farmers, agricultural extension agents, and researchers regarding alternative enterprises. Organized symposia, coordinated development of publications, created and edited "*BioOptions*" newsletter, coordinated research on alternative crops, developed research and extension proposals on alternative enterprises, supervised clerical and student employees, supervised development of Alternative Agricultural Opportunities Database for USDA.
- 1987 Office of Senator Rudy Boschwitz, Washington, D.C. - Agricultural Intern. Researched commodity program issues under consideration in the Senate.
- 1983-1985 USAID-Minnesota-Morocco Project, Rabat, Morocco - Junior Scientist. Collected feed samples on private farms, evaluated nutritive value of feeds, developed recommendations regarding Morocco's need for tables of nutritive value, participated in the continuing development process of the Hassan II Agronomic Institute.

## **TEACHING EXPERIENCE**

2001 – present Teaching responsibilities include Environmental Economics and Policy (Ag Econ 2070) a writing intensive class for non-majors, International Agricultural Development (Ag Econ 3271), and, at the graduate level, Natural Resource and Environmental Economics (Ag Econ 8410). Co-taught International Agricultural Development Policy (Ag Econ 8430) in 2004 and 2007. In Winter 2003, taught a graduate problems course in Environmental Economics and in Fall 2005, taught a graduate problems course in production economics. ET@MO Summer Institute Fellow, 2002, New Faculty Teaching Scholars, 2002-2003, Freshman Interest Group Co-facilitator 2002, Wakonse Fellow 2006.

- 1997 – 2001 Lecturer in Environmental Policy, an interdisciplinary course taught to agriculture and natural resource students as well as environmental engineering and environmental science students. Full responsibility for second year course Economics for Agriculture and Resource Management.
- 1995 Teaching Assistant - Consumers and Markets, Department of Applied Economics, University of Minnesota.
- 1995 Completed Teaching Opportunity Program for Doctoral Students.
- 1983 Teaching Assistant - Laboratory Analysis of Feedstuffs, Department of Animal Science, University of Minnesota.

### **Additional Teaching Activities**

Invited Lecturer, Centre International d'Etudes Supérieures en Sciences Agronomiques at the University of Montpellier France in November, 2008. Audience consisted of upperclassmen and graduate students and focused on three topics, U.S. agricultural environmental policy, water resource management, and transaction cost theory and measurement.

Guest Lecturer, “Environmental Indicators and Rural Policy”, Comparative Rural Studies Summer Institute, Columbia, MO July 2008.

Guest Lectures in courses of Tony Prato, Tom Johnson, and George P. Smith.

### **PUBLICATIONS**

#### **Refereed Journal Articles**

McCann, Laura. “Transaction Costs of Environmental Policies and Returns to Scale: The Case of Comprehensive Nutrient Management Plans”. *Review of Agricultural Economics* (forthcoming).

Easter, W. and Laura McCann. “Nested Institutions and the Need to Improve International Water Institutions.” *Water Policy* (forthcoming).

Nunez, Jennifer and Laura McCann. “Determinants of Manure Application by Crop Farmers” *Journal of Soil and Water Conservation* Vol. 63 (5) September/October 2008, pp. 312-321.

McCann, Laura, and Adam Hafdahl. “Agency Perceptions of Alternative Salinity Policies: The Role of Fairness” *Land Economics* Vol. 83 (3) August 2007, pp. 331-352.

- Pepper, C., L. McCann and Michael Burton. "Valuation Study of Urban Bushland at Hartfield Park, Forrestfield, Western Australia" *Ecological Management and Restoration* Vol.6 (3), Dec. 2005, pp. 190-196.
- McCann, L. "Transaction Costs of Pesticide Policies in Vietnam." *Society and Natural Resources* Vol. 18 (8), Sept. 2005, pp. 759-766.
- McCann, L., C. Abdalla, M. Jenner and R. Massey. "Improved Manure Management and Utilization: A Systems Approach", *Renewable Agriculture & Food Systems* Vol. 20 (3), September, 2005 pp. 127-135(9).
- Cho, Youngsung, K. William Easter, Laura M.J. McCann and Frances Homans. "Are Rural Residents Willing to Pay Enough to Improve Drinking Water Quality?" *Journal of the American Water Resources Association*, Vol.41 (3), June 2005.
- McCann, L., B. Colby, K.W. Easter, A. Kasterine and K.V. Kuperan. "Transaction Cost Measurement for Evaluating Environmental Policies." *Ecological Economics*, Vol 52 (4), March 2005. pp. 527-542.
- McCann, L. and K. W. Easter. "A Framework for Estimating the Transaction Costs of Alternative Mechanisms for Water Exchange and Allocation." *Water Resources Research*, Vol. 40 (9), July 2004. Reprinted in The Economics of Water Quality K. William Easter and Naomi Zeitouni, eds. Ashgate Publishing, Williston, VT. 2006.
- McCann, L. "Induced Institutional Innovation and Transaction Costs: The Case of the Australian National Native Title Tribunal." *Review of Social Economics*, March 2004, pp 67-82.
- McCann, L. and M. P. Burton. "Spending Time Wisely: A Model for Teaching Improvement Through Enhanced Analysis of Student Evaluations". *NACTA Journal*, September 2003, pp. 54-59.
- Mekhora, T. and L. McCann. "Rice vs. Shrimp Production in Thailand: Is There Really a Conflict?" *Journal of Agricultural and Applied Economics*, Vol. 35(1) April 2003, pp. 143-157.
- D'Emden, Frank, Laura McCann, and Stan Kailis. "Bioeconomic Modelling of *Olea europaea* L. Production in Dryland Agricultural Systems". *Advances in Horticultural Science*, 2002, Vol. 16 (3-4), pp. 289-298.
- McCann, L and K.W. Easter. "Estimates of Public Sector Transaction Costs in NRCS Programs". *Journal of Agricultural and Applied Economics*. December 2000, Vol. 32(3), pp. 555-563.

McCann, L. and K.W. Easter. "Evaluating Transaction Costs of Nonpoint Source Pollution Policies". *Land Economics*, August 1999, Vol. 75(3), pp. 402-414.

McCann, L. and K.W. Easter. "Farmer versus Agency Attitudes Regarding Policies to Reduce Agricultural Phosphorus Pollution in the Minnesota River". *Review of Agricultural Economics*. Spring/Summer 1999, Vol. 21(1), pp. 189-207.

McCann, L. "Diversification - The Name of the Game". *Extension Review* 1989, Vol. 60(1).

### **Refereed Book Chapter**

McCann, L. "Accounting for Societal Externalities." In *Ethics and the Market: Insights from Social Economics*, edited by Betsy Jane Clary, Wilfred Dolfsma, and Deborah M. Figart. Routledge (2006).

### **Web-based Proceedings of Selected Papers**

Gedikoglu, H. and L. McCann. "Disadoption of Nutrient Management Practices" *American Journal of Agricultural Economics* (July 2009). Published On-line at <http://agecon.lib.umn.edu>.

Gedikoglu, H. and L. McCann. "Impact of Off-Farm Income on Adoption of Conservation Practices" *American Journal of Agricultural Economics* (July 2007). Published On-line at <http://agecon.lib.umn.edu>.

McCann L., and J. Nunez. "Who participates in EQIP?" *American Journal of Agricultural Economics* (July 2005). Published On-line at <http://agecon.lib.umn.edu>.

Nunez, J. and L. McCann. "Crop Farmers' Willingness to Use Manure." *American Journal of Agricultural Economics* (August 2004). Published On-line at <http://agecon.lib.umn.edu>.

McCann, L. and A. Hafdahl. "Agency Perceptions of Alternative Salinity Policies." *American Journal of Agricultural Economics* (July 2003). Published On-line at <http://agecon.lib.umn.edu>.

McCann, L. and M. Burton. "Estimating Determinants of Student Evaluation Scores to Improve Teaching". *American Journal of Agricultural Economics* (August 2001). Published On-line at <http://agecon.lib.umn.edu>.

### **Published Proceedings**

McCann, L. and K.W. Easter. "Estimating the TC of Alternative Mechanisms for Water Exchange and Allocation," Proceedings of the World Bank Conference:

Irrigation Water Policies: Micro and Macro Considerations Agadir, Morocco, June 15-17, 2002.

McCann, L. Chapter 6. Lessons from Agri-Environmental Policy in the United States. In Land Use Policy for Environmental Objectives: Contributions from Economics: Proceedings of a Workshop for Environment Managers Henry Hazler (Ed.). Economic Policy Perspectives Discussion Paper 2001:1, Melbourne, August.

McCann, L. and K.W. Easter. 1999. "Attitudes Regarding Policies to Reduce Phosphorous Pollution" Proceedings of the International Conference on Diffuse Pollution: Solutions and Innovations. Perth, Western Australia, 16-20 May, pp. 362-373.

### **Invited Book Reviews**

McCann, L. Agroecological Innovations: Increasing Food Production with Participatory Development (Norman Uphoff, Editor). *American Journal of Agricultural Economics* 86 (2), May 2004.

McCann, L. Land Tenure and Natural Resource Management: A Comparative Study of Agrarian Communities in Asia and Africa (Keijiro Otsuka and Frank Place), *Australian Journal of Agricultural and Resource Economics*, Vol. 46 (4), Dec. 2002.

McCann, L. The Economics of Nature: Managing Biological Assets (G.C. van Kooten and E.H. Bulte). *Australian Journal of Agricultural and Resource Economics*, June 2001, Vol. 45(2).

### **Publications Selected by Editor**

McCann, L., J. T. Nunez, and P. J. Nowak. "What We Don't Know Can Hurt Us: Adoption of Animal Waste Management Strategies". *J. of Soil and Water Conservation*, Vol. 61(1), Jan/Feb 2006 pp. 30A-33A.

McCann, L. "Implications of a Deterministic Coin Toss for Economic Modeling". *Association of Environmental and Resource Economists Newsletter*. May 1998, Volume 19 (1).

McCann, L. "A Consumer's View of the AAEA Meetings". *AAEA Newsletter*. January/February 1997, Vol 19 (1).

### **Other Publications**

McCann, L., P. Nowak, and J. Twyman Nunez. "Barriers to Adoption of Animal Waste Management Strategies" White Paper, National Center for Manure and Animal Waste Management, Univ. of North Carolina. 2005.

Massey, R., J. Lory, A. Millmier, J. Zulovich and L. McCann. "Comments from the University of Missouri Commercial Ag Program to the Environmental Protection Agency in response to Notice of Data Availability Published November 21, 2001." January 14, 2002.

Winter, T., Pannell, D.J. and McCann, L. "The Economics of Desalination and its Potential Application in Australia". SEA Working Paper 00/12, Agricultural and Resource Economics, University of Western Australia. 2001.

Putnam, D.H., E.A. Oelke, and L. McCann. 1993. "Center for Alternative Plant and Animal Products: Programs in Information Exchange and Research". In: J. Janick and J.E. Simon (eds.), New Crops. Wiley, New York. pp. 114-119.

McCann, L., June Rogers, and Gerald Wagner, Eds. "Organic" Meat. Proceedings of a Symposium sponsored by the Center for Alternative Plant and Animal Products, July 9-10, 1990. St. Paul, Minnesota.

McCann, L. and L. Hardman, Eds. Soybean Utilization Alternatives. Proceedings of a Symposium sponsored by the Center for Alternative Plant and Animal Products, February 16-18, 1988. St. Paul, Minnesota.

## **PRESENTATIONS**

### **Invited Presentations**

McCann, L. "Why Producers Adopt (or not) BMPs", Extension Professional Development: Water Quality for Small- and Medium-sized Livestock Farms. Boone, Iowa, July 22-23, 2009.

McCann, L. H. Gedikoglu, R. Broz, J. Lory, R. Massey. "Adoption of BMPs for Animal Manure Management", Heartland Regional "Cost Effectiveness of BMPs and CRP Conversion to Cropland" Roundtable. Nebraska City, NE, March, 2009. Modified version presented to the Heartland Region Water Quality Coordination Initiative Workshop, Nebraska City, NE June 9-11, 2009.

McCann, L. 2008. "Observability, Nonpoint Source Pollution, and Information Costs" Presented to the Centre International d'Etudes Supérieures en Sciences Agronomiques at the University of Montpellier France in November, 2008.

McCann, L. 2007. "Transaction Cost Measurement and Beyond." Presented to the Centre International d'Etudes Supérieures en Sciences Agronomiques at the University of Montpellier France in June, 2007.

McCann, L. "Evolution of Agri-Environmental Policy in the United States." Presented to Institut Nationale de la Recherche Agronomique - Project de Ecodeveloppement - in Avignon, France in June 2007.

McCann, L. "Transaction Costs of Environmental Policies and Returns to Scale: The Case of Comprehensive Nutrient Management Plans" Presented at the ISNIE Annual Conference in Boulder, CO, September 21-24, 2006.

McCann, L. "Adoption of BMPs for Animal Manure Management." Heartland Regional Water Coordination Initiative, Nebraska City, NE, April 4-5 2006.

McCann, L. "AFO Adoption Issues." Heartland Regional Water Coordination Initiative, Nebraska City, NE, April 4-5 2006.

McCann, L. "Transaction Cost Measurement and Beyond", Workshop on Environmental Economics and New Institutional Economics at the Institut Nationale pour la Recherche Agricole, in Dijon, France, December 8, 2005.

McCann, L. "Accounting for Societal Externalities." Wye College, England, June 1, 2004.

McCann, L. "A Medley of Research on Transaction Costs and the Environment". pERE (environmental and resource economics) seminar series at the University of Illinois, March 2002.

McCann, L. "A Medley of Research on Transaction Costs and the Environment". University of Guelph, Canada, September 2001.

McCann, L. "Evolution of Agri-Environmental Policy in the United States". 44th Annual Conference of the Australian Agricultural and Resource Economics Society, Sydney, 23-25 January, 2000.

McCann, L. "Structures and Forces in a Globalized Society". Invited presentation at "Agriculture: An Industry Crying Out for Vision" October 7, 1998. The Australian Institute of Agricultural Science and Technology, Western Australia Branch, Annual Meeting.

McCann, L. "Mineral Composition of Moroccan Feeds." 1985. Invited presentation at the Annual Meeting of the Moroccan Association of Animal Scientists, Rabat, Morocco, May 1985 (in French).

**Refereed Presentations** (not including those mentioned under publications)

Laura M.J. McCann and Haluk Gedikoglu. 2008. "Observability, Nonpoint Source Pollution, and Information Costs" Presented at the CAES/NAREA Joint Annual

- Meeting, Quebec City, June 30-July 1 2008. Also presented at the USDA/CSREES Annual Meeting in St. Louis, MO in February 2009.
- Laura M.J. McCann, Haluk Gedikoglu, Bob Broz, John Lory, and Ray Massey. 2008 “Adoption of Environment-Oriented versus Profit-Oriented Manure Management Technologies”. Presented at the USDA/CSREES Annual Meeting in Reno, NV in February 2008.
- Laura McCann. 2007. “Farms or Firms: Effect on Environmental Policy Choice”. Presentation at the World Congress of Social Economics in Amsterdam, The Netherlands, June 2007.
- Laura M.J. McCann, Haluk Gedikoglu, Bob Broz, John Lory, and Ray Massey. 2007 “Adoption of Nutrient Management Strategies by Animal Feeding Operations (AFO’s)”. Presented at the USDA/CSREES Annual Meeting in Savannah, GA in February 2007.
- McCann, L, H. Gedikoglu, R. Broz, J. Lory and R. Massey. “Barriers to Adoption of Nutrient Management by AFOs” Selected Paper at the USDA-CSREES National Water Quality Conference, February 5-9, 2006 San Antonio, Texas.
- McCann, L., J. Nunez\*, and P. Nowak. “Barriers to Adoption of Animal Waste Management Strategies” Selected Paper at the SWCS Annual Conference, Rochester, NY, July 30-Aug. 3, 2005.
- McCann, L. “Accounting for Societal Externalities.” 11th World Congress of Social Economics. Albertville, France, June 8-11, 2004.
- Other Presentations**
- McCann, L. “Transaction Costs and Neoclassical Analysis of Environmental Policy.” Presentation at Organized Symposium *Institutional Analysis of Environmental Issues: The Right Tool for the Right Job*. American Agricultural Economics Association Annual Meeting, Orlando, Florida July 2008.
- McCann, L. “The Past and Future of Transaction Cost Measurement Related to Environmental Policies.” Czechoslovak Society of Arts and Sciences (SVU) World Congress in Ceske Budejovice, June 25-July 2, 2006.
- McCann, L. “Barriers to Adoption of Manure Management Solutions.” Presentation at Organized Symposium *Constraints to Manure Solutions*. American Agricultural Economics Association Annual Meeting, Montreal, Canada July 2003.
- McCann, L. “A Framework for Transaction Cost Measurement.” Presentation at Organized Symposium *Developments in Transaction Cost Measurement*.

- American Agricultural Economics Association Annual Meeting, Chicago, August 2001.
- McCann, L. “Transaction Costs of Agri-Environmental Policies in Vietnam”.  
Contributed Paper presented at the 45<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society, 23-25 January 2001, Adelaide, South Australia.
- McCann, L. “Agency Perceptions of Alternative Salinity Policies: Are They Measuring Transaction Costs?” Presented at the 43rd Annual Conference of the Australian Agricultural and Resource Economics Society, Christchurch, New Zealand, January 20-22, 1999.
- McCann, L. “Induced Innovation in Response to Transaction Costs: The Case of the National Native Title Tribunal”. Presented at the 43rd Annual Conference of the Australian Agricultural and Resource Economics Society, Christchurch, New Zealand, January 20-22, 1999.
- McCann, L. and K.W. Easter. “Transaction Costs of Policies to Reduce Agricultural Nonpoint Source Pollution”. Presented at the 42nd Annual Conference of the Australian Agricultural and Resource Economics Society, Armidale, New South Wales, January 19-21, 1998.
- McCann, L. and K. William Easter. “Transaction Versus Abatement Costs of Soil Conservation”. Presented at the Environmental Engineering Conference, Minneapolis, Minnesota, May 17, 1997.
- McCann, L. “Transaction Costs of Phosphorous Policies in the Minnesota River”. Presentation at Organized Symposium *Environmental Policy Choices: Are Politicians the Only Ones Measuring Transaction Costs?* at the American Agricultural Economics Association. Annual Meetings, Toronto, Canada, July 28, 1997.
- McCann, L. “What Should I Grow?” Presentation at the Farm Equipment Show, November, 1990, Minneapolis, Minnesota.

### **Selected Posters**

- Ali, Sarah, and Laura McCann. “Factors Affecting the Testing of Manure Transported Off the Farm”, Selected poster at the Agricultural and Applied Economics Association Annual Meeting, Milwaukee, WI, July 26-28, 2009.
- Stahlman, Michael, Laura M.J. McCann, and H. Gedikoglou. “Adoption of Phytase by Livestock Farmers”, Selected poster at the American Agricultural Economics Association Annual Meeting, Orlando, FL, July 27-29, 2008.

Gedikoglou, H., L. McCann, J. Amidei, R. Broz, J. Lory and R. Massey. "Adoption of Manure Management Practices: The Case of Manure Testing" Selected poster at the Soil and Water Conservation Society Workshop - Managing Agricultural Landscapes for Environmental Quality, Kansas City, October 11-13, 2006.

Amidei, J., L. McCann, H. Gedikoglou, R. Broz, J. Lory and R. Massey. "Factors Affecting Manure Transfers in the Midwest" Selected poster at the Soil and Water Conservation Society Workshop - Managing Agricultural Landscapes for Environmental Quality, Kansas City October 11-13, 2006. Also presented at the USDA-CSREES National Water Quality Conference, Savannah, Georgia, January 29-31, 2007.

McCann, L. "Transaction Costs of Comprehensive Nutrient Management Plans." Accepted but not presented at the International Association of Agricultural Economists 26<sup>th</sup> Conference in Gold Coast, Australia, August 12-18 2006.

Baffaut, C., A. Bockhold, A.L. Thompson, J. Sadler, S. H. Anderson, R. Broz, W.B. Kurtz, L. McCann, R. Lerch and J.S. Rikoon. " Watershed-Scale Evaluation of Selected Soil and Water Conservation Practices in the Goodwater Creek Watershed" Selected Poster at the Soil and Water Conservation Society Annual Meeting, Keystone, CO, July 22-25, 2006.

## **GRANTS**

McCann, L, R. Broz, J. Lory, and R. Massey. "Barriers to Adoption of Nutrient Management Strategies by Animal Feeding Operations". USDA-CSREES Integrated Water Quality Program, 09/15/2005-09/14/2008. \$215,000.

Baffaut, C, S. Anderson, R. Broz, W. Kurtz, R. Lerch, L.McCann, J.S. Rikoon, and J. Sadler. "Watershed Evaluation of Field Best Management Practices Implementation", USDA-CSREES, 01/01/2006-12/31/2008. \$542,832.

McCann, L. Faculty International Travel Grant for 11<sup>th</sup> World Congress of Social Economics. June 8-11, 2004. \$1,079.

Rikoon, J.S., C.M. Cowell, L.M. McCann, M.E. Barham, and M.S. Kaylen. "U.S.-Czech Research: Competing Visions of Development of Rural Areas". National Science Foundation. 03/01/2004-02/28/2007, \$30,944.

McCann, L. and P. Nowak. "Barriers to Adoption of Animal Waste Management Strategies." North Carolina State University, National Center for Manure and Animal Waste Management, 03/01/2003 - 01/31/2004, \$16,279.

McCann, L. "Barriers to Adoption of Animal Waste Management Strategies." University of Missouri, Research Council, 12/01/2003 – 06/30/2004, \$6,460.

McCann, L. "Transaction Costs of Alternative Policies for Nonpoint Source Pollution in Vietnam." Australian Research Council Small Grants Scheme, 01/01/2000-08/31/2000, A\$7,445.

### **THESES SUPERVISED**

Sarah Ali, Ph.D. University of Missouri, Current. "Three Essays on Adoption of Environmental Practices"

Michael Stahlman, M.S. University of Missouri. 2009. "Adoption of Phytase by Livestock Farmers".

Haluk Gedikogou, Ph.D. University of Missouri. 2008. Grant funded assistantship. "Barriers to Adoption of Nutrient Management Strategies by Animal Feeding Operations".

Jennifer Twyman Nunez, M.S. University of Missouri. 2005. "The Adoption of Manure Management Practices".

Thamrong Mekhora, Ph.D. University of Western Australia 2001. "Production Efficiency in Thailand's Rice and Shrimp Industry". Co-supervisor Greg Hertzler.

Coral Pepper, Master of Natural Resource Management. University of Western Australia 2001. "Contingent Valuation Study of Urban Bushland at Hartfield Park, Forrestfield"

Uma Karki, M.S. University of Western Australia 2001. "Peri-partum supplementation of maiden does to increase colostrum and milk production, kid growth and capretto quality". Co-supervisor Ian Williams.

Jessica Shemeld, B.S. 4<sup>th</sup> Year Project 2000. "Factors Affecting the Adoption of Salinity Management Practices in the Low Rainfall Areas of Western Australia's Wheatbelt".

Francis D'Emden, B.S. 4<sup>th</sup> Year Project 1999. "Bioeconomic Modeling of Integrated Olive Production in Eastern Wheatbelt Farming Systems".

John Biesse, B.S. 4<sup>th</sup> Year Project 1998. "Contingent Valuation versus Travel Cost Measures for the Ningaloo Reef". Co-supervisor Rob Fraser.

## **THESIS COMMITTEES (University of Missouri)**

Fred-Paul G. Kileo, M.S.  
Zhen Cai, Ph.D.  
Michelle Mullins, Ph.D. Completed in 2009  
Marta Figueroa, M.S. Completed in 2009  
Jianhong Xue, Ph.D. Completed in 2007  
Ebitari Fregene, M.S. Completed in 2007  
Fred Parker, Ph.D. Completed in 2006  
Hilary Dorr, M.S. Completed in 2006  
Ira Altman, Ph.D. Completed in 2005  
B.J. Woo, Ph.D. Completed in 2005  
Pedro Dozi, M.S. Completed in 2004

## **THESIS COMMITTEES (University of Western Australia)**

At the University of Western Australia all students receiving the B.S. degree perform original research and write a senior thesis, the best of which are equivalent to an M.S. thesis at an American University. I was on 5-10 committees each year for the first three years. In 2000, I was the Natural Resource Management Coordinator which involved reading approximately twenty theses and coordinating their evaluation.

## **PROFESSIONAL ACTIVITIES**

### **Leadership Positions**

Chair-Elect, *Institutional and Behavioral Economics Section, AAEA, 2009-2010*  
Board Member, *Institutional and Behavioral Economics Section, AAEA 2008 to 2009*  
President, *North American Branch, Australian Agricultural and Resource Economics Society, July 2004 to July 2006.*  
Secretary/Treasurer, *North American Branch, Australian Agricultural and Resource Economics Society, July 2002 to July 2004.*  
Councilor from Western Australia, *Australian Agricultural and Resource Economics 2000-2001*

### **Research Proposal Reviewer**

USDA-CSREES Water Quality Review Panel, Washington, DC, 2006

### **Associate Editorship**

Journal of Soil and Water Conservation 2006 to 2009

### **Journal Referee**

1. *Land Economics (1 paper, 2008)*

2. *USDA Economic Research Service's Peer Review Coordinating Council* (1 paper, 2008)
3. *Journal of Environmental Planning and Management* (3 papers, 2008)
4. *Agricultural and Food Science* (1 paper, 2007)
5. *Journal of Environmental Management* (1 paper, 2007)
6. *Choices* (1 paper, 2006)
7. *Pacific Economic Bulletin* (1 paper, 2006)
8. *Waste Management* (1 paper, 2006)
9. *Agriculture and Human Values* (2 papers, 2005, 2008)
10. *Australian Journal of Agricultural and Applied Economics* (2 papers, 2005, 2008)
11. *Review of Social Economy* (1 paper, 2005)
12. *Agricultural Systems* (1 paper, 2005)
13. *Sustainability: Science, Practice, and Policy* (1 paper, 2005)
14. *Journal of Agricultural and Applied Economics* (4 papers, 2003, 2004, 2007, 2007)
15. *Water Resources Research* (1 paper, 2003)
16. *Journal of Soil and Water Conservation* (2 papers, 2002, 2006)
17. *Food Policy* (1 paper, 2002)
18. *Ecological Economics* (1 paper, 2002)
19. *Journal of Agricultural and Resource Economics* (1 paper, 2000)

### **Book Reviewer for Publishers**

Economics of Agricultural Development: World Food Systems and Resource Use -Third Edition, by George W. Norton, Jeffrey Alwang, and William Masters, Routledge. Reviewed in 2008.

Biodiversity, Biotechnology and Development, edited by J. Cooper, D. Zilberman, and L. Lipper, Kluwer Academic. Reviewed in 2003

Environmental Economics by Peter Berck and Gloria Helfand, Pearson Addison-Wesley. Reviewed in 2005

Economics of Agricultural Development: World Food Systems and Resource Use by George W. Norton, Jeffrey Alwang, and William Masters, Routledge. Reviewed in 2005.

### **Professional Association Paper/Poster Reviewer/Judge**

1. *American Agricultural Economics Association*, Poster Topic Leader, Inst/Political Econ, 2007
2. *American Agricultural Economics Association*, Selected Paper Reviewer, 2003, 2005, 2006, 2007, 2008
3. *American Agricultural Economics Association*, Selected Poster Reviewer, 2004, 2006
4. *American Agricultural Economics Association*, Poster Judge, 2004, 2007

5. *American Agricultural Economics Association*, Undergraduate Quiz Bowl Competition, Judge, 2003.

### **Symposia Organized**

McCann, L and K. Schneeberger. “Manure Entrepreneurs: Turning Brown to Green,” Breimyer Seminar, University of Missouri. May 22, 2008.

McCann, L. “Institutional Analysis of Environmental Issues – The Right Tool for the Right Job.” Organized Symposium at the American Agricultural Economics Association Annual Meeting, Orlando, FL, July 2008

McCann, L. “Constraints to Manure Solutions.” Organized Symposium at the American Agricultural Economics Association Annual Meeting, Montreal, Canada July 2003.

McCann, L. and K.W. Easter. “Developments in Transaction Cost Measurement.” Organized Symposium at the American Agricultural Economics Association Annual Meeting, Chicago, August 2001.

K.W. Easter and L. McCann. “Environmental Policy Choices: Are Politicians the Only Ones Measuring Transaction Costs?” American Agricultural Economics Association Annual Meeting, Toronto, Canada, July, 1997.

### **Professional Association Session Moderator**

*American Agricultural Economics Association Annual Meetings* 2002, 2003, 2007  
*Association for Social Economics World Congress* 2004, 2007

### **Professional Association Committees**

*American Association of Agricultural Economics*, Nominating Committee 2007-2010

*Australian Agricultural and Resource Economics Society*, Nominating Committee for President-Elect 2006.

## **SERVICE ACTIVITIES – UNIVERSITY OF MISSOURI**

### **University of Missouri-Columbia Campus Committees**

Graduate School Fellowship/Scholarship Reviewer, 2009

Grievance Committee, 2008-present

“CV Doctor” for Graduate Program Committee 2008

Peace Corps Fellows Committee, 2006-present

Vietnam Initiatives Group, 2005-present

World Food Day Committee, 2005

Research Board Grant Proposal Reviewer, 2004

### **College Committees/Service**

Promotion and Tenure Workshop Panelist, 2009

MALMRI Coordinator 2008-present

Faculty Mentor for Francisco Aguilar, 2008-present

Scholarship and Awards Committee, 2007-2009

Search Committee for Forest Economics position, School of Natural Resources, 2006-2007

Brown Fellowship Committee (grant program for international research by graduate students), 2001-2006, Chair 2002-2004

Coordinator for International Agriculture Minor, 2005-present

CAFNR International Programs Committee, 2004-present

CAFNR On-Campus Undergraduate Research Program Selection Committee 2006

Advisor for CAFNR Study Abroad Program in Beauvais, France 2005

### **Departmental Committees/Service**

Graduate Studies Committee, Member 2006-2007, Chair, 2007-2008, 2008-2009

Temporary Director of Graduate Studies, Fall, 2008

Division of Applied Social Sciences (DASS) Seminar Committee, 2006-present

Lunch and Learn Coordinator, 2006-present

Ballot Committee, 2005 - 2008

Undergraduate Program Committee, 2001- present.

Resources and Development Thrust Area, 2001-present.

Search Committee for Regional Economics position 2004

Ph.D. Qualifying Exam Committee, 2002, 2009.

Search Committees for two Mission Enhancement positions, 2002.

Social Capital Committee, 2001-2002.

### **HONORS**

EU Fellow – University of Missouri 2007

Who's Who Among America's Teachers 2005, nominated by Kristen Durham

Outstanding Advisor Award from Univ. of Missouri Agricultural Economics Club 2005

Universities Council on Water Resources –

Dissertation National Competition Honorable Mention 1998

Dept. of Agricultural and Applied Economics Fellowship, Univ. of Minnesota 1993

Gamma Sigma Delta - 1982

Scholarship Award, American Society of Animal Science - 1982

Moorman Feed Scholarship - 1981

University of Minnesota Honors Scholarship - 1978

Tozer Foundation Scholarship - 1978-1982

### **FOREIGN LANGUAGES - Fluent French**