August 07, 2019

Siân Mooney, Ph.D.

Dean and Professor, O'Neill School of Public and Environmental Affairs
Indiana University, Bloomington & IUPUI, Indianapolis

Summary

- Well-developed administrative, leadership and organizational skills
- Excellent interpersonal, written and oral skills
- Experienced at problem solving, decision making, strategic planning
- National reputation in area of climate change impacts on agriculture and greenhouse gas mitigation policy
- Published close to 100 articles, reports and other manuscripts
- Approximately $4.6 million in external grant funding from a total of $20 million.

Education

Ph.D.	**Oregon State University –** Corvallis, OR Agricultural and Resource Economics, 1998
M.Sc.	**University of Manitoba –** Winnipeg, MB, Canada Agricultural Economics, 1990
B.Sc.(Hons.)	**University College of Wales –** Aberystwyth, Wales, United Kingdom Agricultural Economics, 1987

Executive Education
President's Office - Advanced Leadership Initiative, Arizona State University 2018
Higher Education Resource Services (HERS) Summer Institute 2014.
National Science Foundation, Mentoring Program - paired with a senior executive mentor (18 months) 2013-2014
National Science Foundation – Exec. Education focus: managing people and influence and negotiation 2013
National Science Foundation - Science communication (several courses and workshops) 2012-2014
Boise State University, President's Leadership Academy 2010.

Employment

2019 -	**Dean and Professor**, O'Neill School of Public and Environmental Affairs, Indiana University, Bloomington and IUPUI, Indianapolis.
2018 -2019	**Associate Dean for Interdisciplinary Initiatives & College Professor**, Watts College of Public Service and Community Solutions, Arizona State University.
2018 - 2019	**Professor**, School of Public Affairs, Arizona State University.
2017 –2018	**Director**, New College Undergraduate Inquiry and Research Experience (NCUIRE), New College of Interdisciplinary Arts and Sciences, Arizona State University
2015 -2018	**Associate Dean, Faculty Affairs and Research**, New College of Interdisciplinary Arts and Sciences, Arizona State University.
2015-2018	**Professor**, School of Social and Behavioral Sciences, Arizona State University.

2014-2015 **Founding Director, Vertically Integrated Projects** program, Division of Research and Economic Development, Boise State University

2014 - 2015 **Executive Director of Integrated Programs**, Division of Research and Economic Development, Boise State University.

2011- 2014 **Program Director**, Experimental Program to Stimulate Competitive Research (EPSCoR), National Science Foundation.

2009 - 2015 **Professor**, Department of Economics, College of Business and Economics, Boise State University.

2006- 2009 **Associate Professor**, Department of Economics, College of Business and Economics, Boise State University.

2002-2006 **Assistant Professor**, Department of Agricultural and Applied Economics, College of Agriculture, University of Wyoming.

2000-2002 **Assistant Research Professor**, Department of Agricultural Economics and Economics, College of Agriculture and College of Letters and Sciences, Montana State University.

1998-1999 **Postdoctoral Fellow**, Trade Research Center, Department of Agricultural Economics and Economics, College of Agriculture and College of Letters and Sciences, Montana State University.

Publications, Reports, Work in Progress

(* = Graduate Student, # = Undergraduate Student)

Articles in Review (Revise and Resubmit)

1. Association between bicycle infrastructure, convenience, and ridership patterns and residential housing prices (Conrow, L*. S. Mooney and E. Wentz) – Journal Article (Resubmited).
2. The Effect of Prior Appropriation and Water Right Portfolios on Agricultural Land Allocation Decisions (Cobourn, K.M., J. Xinde*, S. Mooney and N. Crescenti) – Journal article (Revise and Resubmit)

Current Projects

1. Cost effectiveness of strategies to improve transfer student retention. Study under the S-STEM TRAIN award from National Science Foundation.
2. Demand for interdisciplinary and team skills in the Economics job market" (Mooney, S., Marks, L. and K. Cobourn). Survey completed and results available. Paper being drafted. Examines views of interest in and perceived rewards from engagement in interdisciplinary research, by gender and by rank. Focuses on the agricultural economics profession at American institutions.
3. Pre-Conference Workshop – Grant writing. American Agricultural Economics Association (Summer 2019)

Journal Articles

1. Hobbs, J and Mooney, S. 2016. Applications of behavioural and experimental economics to decision-making in the agricultural, food and resource sectors: An introduction. *Canadian Journal of Agricultural Economics* **64**(7):593-597. DOI: 10.1111/cjag.12117
2. Manale, A., S. Hyberg, N. Key, S. Mooney, T. Napier and M. Ribaudo. 2016. Climate Change and U.S. Agriculture: Opportunities for Conservation to Reduce and Mitigate Emissions and to Support Adaptation to Rapid Change. *Journal of Soil and Water Conservation*. **71**(1):69-81. doi: 10.2489/jswc.71.1.69.
3. Weaver, C.P., S. Mooney, D. Allen, N. Beller-Simms, T. Fish, A. Grambsch, W. Hohenstein, K. Jacobs,

M. Kenney, M.A Lane, L. Langner, E. Larson, D. McGinnis, R.H. Moss, L. G. Nichols, C. Nierenberg, E.A. Seyller, P.C. Stern, R. Winthrop. 2014. From Global Change Science to Action with Social Sciences. Nature Climate Change, 4: 656-659. doi:10.1038/nclimate2319.

4. Mooney, S., D. Young; K. Cobourn and S. Islam. 2013. Multidisciplinary Research: Implications for Agricultural and Applied Economists. Journal of Agricultural and Applied Economics 45,2:1-16.
5. Elbakidze, L., Xiaozhe Shen*, Garth Taylor and S. Mooney. 2012. Spatio-temporal Analysis of Prior Appropriations Water Calls. Water Resources Research. VOL. 48, W00L07, 13 PP., doi:10.1029/2011WR010609
6. Chatterjee, A*; S. Mooney and G.F. Vance. 2010. Comparisons of carbon pools and economic profitability for managed ponderosa pine stands in Wyoming, USA. Journal of Forestry Research 21(4): 482−486.
7. Ritten J.P., W. M Frasier, C. T. Bastian, S. I. Paisley, M and S. Mooney. 2010. A Multi-period Analysis of Two Common Livestock Management Strategies Given Fluctuating Precipitation and Variable Prices. Journal of Agricultural and Applied Economics. 42(2), May.
8. Bastian, C.T, P. Ponnamenneni*, S. Mooney, J. Ritten, W. M. Frasier, S. I. Paisley, M. A. Smith, and W. Umberger. 2009. Analysis of Management Strategies Used By Livestock Producers During Multiple Years of Drought Under Different Price Cycles. Journal of the American Society of Farm Managers and Rural Appraisers. 72(1):153-163.
9. Williams, J, S. Mooney and J. Peterson. 2009. What is the Carbon Market: is there a final answer? Journal of Soil and Water Conservation, January/February 64(1):27-35.
10. Mooney, S. and J. Eustermann. 2008. Carbon Credit Trading Legislation and Agriculture. Climate Change Litigation, Regulation and Risk. A Thomson Reuter/West Report. (pages 93-99).
11. Eustermann, J and S. Mooney. 2008. Committing to Carbon Credits. Biofuels International 2(3).
12. Mooney, S., K. Gerow, J.M. Antle, S.M. Capalbo and K. Paustian. 2007. Reducing Standard Errors by Incorporating Spatial Autocorrelation into a Measurement Scheme for Soil Carbon Credits. Climatic Change. 80:55–72.
13. Bastian, C., S. Mooney, A. Nagler, J. Hewlett, S. Paisley, M. Smith, M. Frasier and W. Umberger. 2006. Cattle Ranchers Diverse in Their Drought Management Strategies. Western Economics Forum. 5(2):1-8.
14. Williams, J.R., J. M. Peterson, and S. Mooney. 2005. The Value of Carbon Credits: Is There a Final Answer? Journal of Soil and Water Conservation 60(2):36A-40A.
15. Mooney, S., J. M. Antle, S. M. Capalbo and K. Paustian. 2004. Design and Costs of a Measurement Protocol for Trades in Soil Carbon Credits. Canadian Journal of Agricultural Economics 52(3):257-287.
16. Campbell, S.*, S. Mooney, J. Hewlett, D. Menkhaus and G. Vance. 2004. Can Ranchers Slow Climate Change? Rangelands 26(4):16-22.
17. Mooney, S., J. M. Antle, S. M. Capalbo and K. Paustian. 2004. Influence of Project Scale on the Costs of Measuring Soil C Sequestration. Environmental Management 33 (supplement 1): S252 - S263.
18. Capalbo, S., J.M. Antle, S. Mooney and K.H. Paustian. 2004. Sensitivity of Carbon Sequestration Costs to Economic and Biological Uncertainties. Environmental Management 33 (supplement 1): S238 - S251.
19. Antle, J., S. Capalbo, S. Mooney, E. Elliot and K. Paustian. 2003. Spatial Heterogeneity and the Design of Efficient Carbon Sequestration Policies for Agriculture. Journal of Environmental Economics and Management 46(2):231-250.
20. Mooney, S and D. Gerard. 2003. Using Environmental Bonds to Regulate the Risks of GM Crops: Problems and Prospects. Environmental Biosafety Research 2 (1) 25-32.
21. Antle, J., S. Capalbo and S. Mooney. 2002. Farming the Environment: Spatial Variation and Economic Efficiency in Soil Developing Policies for Carbon Sequestration and Agriculture. Choices, Fall 2002.
22. Antle, J., S. Capalbo, S. Mooney, E. Elliot and K. Paustian. 2002. A Comparative Examination of the Efficiency of Sequestering Carbon in US Agricultural Soils. American Journal of Alternative Agriculture 17(3):109-115.
23. Antle, J., S. Capalbo, E. Elliott, W. Hunt, S. Mooney and K. Paustian. 2001. Research Needs for Understanding and Predicting the Behavior of Managed Ecosystems: Lessons from Agroecosystem Research. Ecosystems 4(8):723-735.
24. Mooney, S., and L. M. Eisgruber. 2001. The Influence of Riparian Protection Measures on Residential Property Values: Will Residential Landowners Voluntarily Engage in Actions to Save Salmon? Journal of Real Estate Economics and Finance 22(2/3):273-286.

25. Antle, J., S. Capalbo, S. Mooney, E. Elliot and K. Paustian. 2001. Economic Analysis of Agricultural Soil Carbon Sequestration: An Integrated Assessment Approach. Journal of Agricultural and Resource Economics 26(2):344-367.
26. Antle, J., S. Capalbo, S. Mooney, E. Elliot and K. Paustian. 2001. Sensitivity of Carbon Sequestration Costs to Soil Carbon Rates. Environmental Pollution 116(3):413-422.
27. Mooney, S. and K. K. Klein. 1999. Environmental Concerns and Risks of Genetically Modified Crops: Economic Contributions to the Debate. Canadian Journal of Agricultural Economics 47(4):437-444.
28. Kerr, W.A., B.D. Boutin, A.S. Kwaczek and S. Mooney. 1992. Nuclear Accidents, Impact Assessment and Disaster Administration: Post-Chernobyl Insights for Agriculture in Canada. Environmental Impact Assessment Review 12(4):387-400.
29. Mooney, S. and L.M. Arthur. 1990. The Impacts of Climate Change on Agriculture in Manitoba. Canadian Journal of Agricultural Economics 38(4):685 - 694.
30. Kwaczek, A.S., W.A. Kerr and S. Mooney. 1990. Chernobyl: Lessons in Nuclear Liability. Forum for Applied Research and Public Policy 5(2): 21-27.
31. Kerr, W.A., A.S. Kwaczek and S. Mooney. 1989. Disaster Policy and Nuclear Liability: Insights from Post Chernobyl Agriculture in the United Kingdom. Environmental Management 13(5):521-527.
32. Mooney, S. and W.A. Kerr. 1989. A Post Chernobyl Grazing Economy: North Wales in the Second Year. Rangelands 11(4):161-164.
33. Kerr, W.A. and S. Mooney. 1988. A System Disrupted - The Grazing Economy of North Wales in the Wake of Chernobyl. Agricultural Systems 28:13-27.
34. Kerr, W.A. and S. Mooney. 1988. Nuclear Accidents and Rangelands: The Effect of Chernobyl on the Grazing Economy of North Wales. Rangelands 10(1):6-9.

Book Chapters

1. Mooney, S., and J. Williams. 2007. Private and Public Values of Soil Carbon Management. Chapter 4, in Kimble, J. C. Rice, D. Reed, S. Mooney. R. Follett and R. Lal. (Eds). Soil Carbon Management: Economic, Environmental and Societal Benefits. Taylor and Francis Group, LLC.
2. Kimble, J., C. Rice, D. Reed, S. Mooney, R. Follett and R. Lal. Soil Carbon Management: Economic, Environmental and Societal Benefits. 2007. Chapter 1, in Kimble, J. C. Rice, D. Reed, S. Mooney. R. Follett and R. Lal. (Eds). Soil Carbon Management: Economic, Environmental and Societal Benefits. Taylor and Francis Group, LLC.
3. Antle J.M, and S. Mooney. 2002. Designing Efficient Policies for Agricultural Soil Carbon Sequestration. Chapter 31, in J. Kimble, R. Lal and R. Follett (Eds.) Agriculture Practices and Policies for Carbon Sequestration in Soil. CRC Press LLC.
4. Marks, L.A., S. Mooney and N. Kalaitzandonakes. 2002. "Quantifying Scientific Risk Communications of Agrobiotechnology", Chapter 17 in V. Santaniello, R.E. Evenson and D. Zilberman (Eds.) Market Development for Genetically Modified Agricultural Products. CABI Publishers.

Books

1. Kimble, J. C. Rice, D. Reed, S. Mooney. R. Follett and R. Lal. (Eds). 2007. Soil Carbon Management: Economic, Environmental and Societal Benefits. Taylor and Francis Group, LLC.

University and Extension Publications

1. Krupnik, Timothy*, Marion W. Jenkins and Siân Mooney. 2009. Modeling Tool to Assess Economic Consequences of Changing Farming Systems for Resource-Poor Small Farmers in the Upper Njoro River Watershed, Kenya. Research Brief 09-04 SUMAWA. US AID, GL-CRSP (April).
2. Nagler, A., C.T. Bastian, J.P. Hewlett, S. Mooney, S.J. Paisley, M.A. Smith, M. Frasier, W. Umberger, P. Ponnameneni*. 2007. Multiple Impacts-Multiple Strategies: How Wyoming Cattle Producers are Surviving in Prolonged Drought. University of Wyoming Cooperative Extension Service. April. B-1178.
3. Mooney, S., S. Miller and M. Jenkins. 2005. Researchers try to improve quality of lives in Africa. *Reflections*. June.
4. Mooney, S, Vance, G., Derner, J and G Schuman. 2005. Governor's appointments lead to opportunities for collaborative research. *Reflections*. June.

5. Mooney, S., J. M. Antle, S. M. Capalbo and K. Paustian. 2004. Soil Carbon Sequestration in Agriculture: How much could it cost to measure soil carbon in Montana? MontGuide MT 200409, Montana State University Extension Service.
6. Antle, J.M., S. Capalbo, S. Mooney, E. Elliot and K. Paustian. 2003. Could Agriculture Compete in a Market for Carbon: Results from a Study of Montana Dryland Grain Production. MontGuide MT200314, Montana State University Extension Service.
7. Antle, J.M., S. Capalbo, S. Mooney. 2003. Soil Carbon Sequestration and Agriculture: Opportunities Vary Throughout Montana. MontGuide MT200313, Montana State University Extension Service.
8. Mooney, S. 2003. Selling Carbon Credits: A Potential Future Commodity for Agriculture? *Reflections*, June. University of Wyoming.

Major Reports and White Papers

1. West, T. O., N. P. Gurwick, M. E. Brown, R. Duren, S. Mooney, K. Paustian, E. McGlynn, E. L. Malone, A.Rosenblatt, N. Hultman, and I. B. Ocko, 2018: Chapter 18: Carbon cycle science in support of decision making. In *Second State of the Carbon Cycle Report (SOCCR2): A Sustained Assessment Report*. [Cavallaro, N., G. Shrestha, R. Birdsey, M. A. Mayes, R. G. Najjar, S. C. Reed, P. Romero-Lankao, and Z. Zhu (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, pp. 728-759,doi: 10.7930/SOCCR2.2018.Ch18
2. Roger Aines, Giana Amador, David Babson, Drew Bennett, Etosha Cave, Wei Chen, John L. Field, Tim Filley, S. Julio Friedmann, Jason Funk, Rory Jacobson, Peter Kelemen, Klaus Lackner, Johannes Lehmann, Charlotte Levy, Matt Lucas, Karin Matchett, Jessica L. McCarty, Sian Mooney, Nathan R. Neale , Ah-Hyung Alissa Park, Jennifer Pett-Ridge, Joe Powell, Daniel L. Sanchez, Chunshan Song, Ellen Stechel, Nannan Sun, Yuhan Sun, Amy Swan, Jennifer Wilcox, Peter B. Woodbury, Jane Zelikova. 2018. Building a New Carbon Economy: An Innovation Plan. The New Carbon Economy Consortium. https://static1.squarespace.com/static/5b9362d89d5abb8c51d474f8/t/5b98383aaa4a998909c4b606/1536702527136/ccr02.innovationplan.FNL.pdf
3. Follett, Ron; Sian Mooney; Jack Morgan; Keith Paustian; (Co-Chairs); Leon Hartwell Allen; Shawn Archibeque; Stephen J. Del Grosso; Justin Derner; Feike Dijkstra; Lyubov A. Kurkalova; Bruce A. McCarl; Stephen Ogle; William J. Parton; Jeffrey M. Peterson; G. Phillip (Phil) Robertson; Michele Schoeneberger; Tristram O. West and Jeff Williams. 2011. Carbon Sequestration, Greenhouse Gas Fluxes, and Climate Change in U.S. Agriculture: Challenges and Opportunities. Task Force Report No.142. Council for Agricultural Science and Technology, Ames, Iowa. October.
4. Morgan, J.A.; R. F. Follett, L.H. Allen, S. Del Grosso, J. Derner, F. Dijkstra, A. Franzluebbers, R. Fry, B.A. McCarl, S. Mooney, K. Paustian, M.M. Schoeneberger. 2009. Carbon Sequestration in the Agricultural Lands of the United States. Prepared for USDA – Agricultural Research Service, May 4th.
5. Wyoming Natural Gas Pipeline Authority, the Wyoming Infrastructure Authority, and the University of Wyoming Office of Research, in Conjunction with the Idaho National Laboratory Program for Alternative Fuels and Energy Systems. 2005. Adding Value to Wyoming's Coal Resource – the Next Generation. University of Wyoming.
6. Bell, D., R. Boardman, R. Coupal, A. Driscoll*, T. Foulke, L. Frost and S. Mooney. 2005. Alternative Profiles, Incentives, and Recommendations for a Western Sub-Bituminous Coal Conversion Demonstration Project in Wyoming. University of Wyoming Office of Research and the Idaho National Laboratory Program for Alternative Fuels and Energy Systems
7. Antle J.M., S.M. Capalbo, E. Elliott, W. Hunt, S. Mooney and K. Paustian. 2000 Understanding and Predicting the Behavior of Managed Ecosystems: Lessons from Agroecosystem Research. National Science Foundation White Paper.

Graduate Committees and Instruction

Graduate Committees

Name	Degree	Degree Date	Department
Lindsey Conrow	Ph.D.	2018	Geographical Sciences and Urban Planning, Arizona State University (ASU and PLUS Alliance)
Santosh Poudel	Ph.D.	2016	Bioresource Policy, Business and Economics, University of Saskatchewan
Travis McLing	Ph.D.	2016	Energy Resources, University of Idaho
Morty Prisament	M.S.	2011	Interdisciplinary Studies, Boise State University
Xiaozhe Shen	M.S.	2010	Agricultural Economics, University of Idaho
James Arati	M.A.B	2009	Agricultural Economics, Kansas State University
Tracy Baldyga	Ph.D.	2008	Renewable Resources, University of Wyoming
Padmaja Ponamaini	M.S.	2007	Agricultural and Applied Economics, University of Wyoming
Neil Wilmot	Ph.D.	2007	Economics, University of Wyoming
Anita Chaudhry	Ph.D.	2007	Economics, University of Wyoming
Amitava Chatterjee	Ph.D.	2007	Renewable Resources, University of Wyoming
Kimberly Garvie	M.S.	2007	Economics, University of Wyoming
Lusine Tadevosyan	M.S.	2006	Economics, University of Wyoming
Elizabeth Troyanek	M.S.	2005	Economics, University of Wyoming
Shu Chen Wang	M.A.	2005	International Studies, University of Wyoming
Brent Sarchet	M.S.	2005	Agricultural and Applied Economics, University of Wyoming
Sara Campbell	M.S.	2003	Agricultural and Applied Economics, U. of Wyoming

Arizona State University Instruction
Graduate: Applied Econometrics (Spring 2019 – 30 students); Microeconomics of Public Policy I (Spring 2018 – 24 students) - School of Public Affairs
Undergraduate: Economics, Environment and Policy (Spring 2017 – 5 students) School of Social and Behavioral Sciences

Boise State University Instruction
Graduate/Executive Master of Business Administration: Assessing Business Opportunities – Economics
Undergraduate: Environmental Markets, Environmental Finance and Markets, Intermediate Microeconomics, Principles of Microeconomics, Independent Study

University of Wyoming Instruction
Graduate: Firm Behavior and Production Economics, Research Methodology, Integrated Assessment Modeling and Economic Measures of Poverty, Economics of Carbon Sequestration in Forests.
Undergraduate: Economics of Rangeland Resources

Grants, Research and Educational Support

Part of teams securing grant awards totaling $19.7 million
Personal total is approximately $4.3 million

Grants Funded

1. 2018-2022. Sandrin, T., S. Mooney (Co-PI), L. Ferry, P. Marshall, S. Sandrin. TRAIN – TRAnsfer to Interdisciplinary Natural Sciences. $5 million, National Science Foundation.
2. 2015-2017. Sian Mooney (PI) and Harold Blackman. Vertically Integrated Projects Program, $310,000. Leona M. and Harry B. Helmsley Charitable Trust,

3. 2011-2014. Sian Mooney (PI). Intergovernmental Personnel Agreement. $489,968. National Science Foundation.
4. 2011. Sian Mooney (PI), Kelly Cobourn and Samia Islam. Multidisciplinary Research in Applied Economics: Practitioner Attitudes and Institutional Impediments, Journal Content, and Demand for Job Skills. $14,000. Boise State University, College of Business and Economics.
5. 2008-2013. Jean'ne Schreeve, Von Walden, Siân Mooney (Boise State University – Institutional Lead), Colden Baxter, Rick Allen. Water Resources in a Changing Climate. $15 million. National Science Foundation.
6. 2007. Sian Mooney (PI). Reducing Asymmetric Information in the Consumer Carbon Offset Market. $4,996. Boise State University Faculty Research Grant Program.
7. 2007-2008. Sian Mooney (PI). Multidisciplinary Research for Sustainable Management of Rural Watersheds: The River Njoro, Kenya. $19,386. US Aid for International Development (Subcontract through University of Wyoming).
8. 2007-2009. Sian Mooney (PI). Suitability of Layered Basalt as Targets for Industrial Carbon Dioxide Sequestration. $60,196. Department of Energy, Lab Directed Research and Development.
9. 2006-2009. Siân Mooney (PI), Elise Pendall, Brent Ewers. Linking Ecological and Economic Sustainability in Wyoming Sagebrush Steppe. $59,391. Agricultural Experiment Station, Competitive Grant Program, University of Wyoming.
10. 2005-2007. Siân Mooney (PI), George. F. Vance. Development & Maintenance of the WY Governor's Carbon Storage Advisory Committee Website. $4,500. Wyoming Dept. of Agriculture.
11. 2005-2007. C. Bastian, Siân Mooney (Co-PI), S. Paisley, M. Smith, M. Frasier, W. Umberger. Economically and Environmentally Sustainable Cattle Production Practices During Multiple Years of Drought. $58,670. Agricultural Experiment Station, Competitive Grant Program.
12. 2004-2006. Siân Mooney (PI). Consortium for Agricultural Soils Mitigation of Greenhouse Gases (CASMGS) - subcontract. $78,972. US Department of Agriculture.
13. 2004. Siân Mooney (PI). Travel Award to Attend Greenhouse Gas Modeling Forum. $800. Farm Foundation.
14. 2003-2007. S. Miller, M. Jenkins, W. Shivoga, F. Lelo, C. Maina-Gichaba, M. Muchiri, Siân Mooney (Senior Investigator). Multidisciplinary Research for Sustainable Management of Rural Watersheds: The River Njoro, Kenya. $367,672. USAID, Global Livestock CRSP.
15. 2003-2005. Siân Mooney (PI), M. Smith, D. Taylor. Pilot Cattle Survey and Economic Benefit of Early Calving. $30,000. Lowham Fund, University of Wyoming.
16. 2003-2004. Siân Mooney (PI). Consortium for Agricultural Soils Mitigation of Greenhouse Gases (subcontract). $59,57. US Department of Agriculture.
17. 2002-2004. Siân Mooney (PI), J. Antle, S. Capalbo. A Measurement and Monitoring Protocol for Policies Designed to Sequester Soil Carbon. $58,000. US Department of Agriculture, National Research Initiative.
18. 2002-2004. J. Antle, J. Bauder, S. Capalbo, P. Miller, Siân Mooney (Co-PI), G. Nielsen. Consortium for Agricultural Soils Mitigation of Greenhouse Gases (CASMGS). $1,300,000. US Department of Agriculture.
19. 2001-2002. S. Capalbo, Siân Mooney (Co-PI). Funding to develop a new course, "The Environment, Resource Use and Society" as part of Research/Creative Experiences in the New Core Curriculum. $4,000. Montana State University.
20. 2000-2003. J. Antle, S. Capalbo, Siân Mooney (Co-PI), W. Hunt, K. Paustian, E. Elliot. Close-Coupling of Ecosystem and Economic Models: Adaptation of Central U.S. Agriculture to Climate Change. $1,420,860. Environmental Protection Agency.
21. 1999-2001. J. Antle, S. Capalbo, Siân Mooney (Co-PI), K. Paustian. Economically Optimal Spatial Scale for Integrated Assessment of Agricultural Production Systems. $275,000. National Science Foundation, Methods and Models for Integrated Assessment.
22. 1999-2000. J. Antle, Siân Mooney (Co-PI). Consortium for Agricultural Soils Mitigation of Greenhouse Gases. $22,931. Subcontract from Colorado State University.
23. 1999-2000. J. Antle, S. Capalbo, Siân Mooney (Co-PI). Policy Design and Implications for Agricultural Soil Carbon Sequestration. $74,789. US Department of Agriculture, National Research Initiative.
24. 1994-1996. Siân Mooney (PI), L. Eisgruber. A Cost Effectiveness Analysis of Actions to Reduce Stream

Temperature: A Case Study of the Mohawk Watershed. $15,000. National Resource Conservation Service, US Department of Agriculture.

Review Activity

Program Reviews
2017 Boston University – Center Review
2015 University of Saskatchewan – Academic Program Review

Manuscript Reviews
AgBio Forum; Agricultural Economics; Agricultural Systems; Agro-ecosystems and environment; American Journal of Alternative Agriculture; Canadian Journal of Agricultural Economics; Choices; Environmental Management; Food Policy; Journal of Agricultural and Applied Economics, Journal of Agricultural and Resource Economics; Journal of the American Water Resources Association; Perspectives on Economic Education Research; Rangeland Ecology and Management; Soil Use and Management; Western Economics Forum.

Grant Proposal and Report Reviews
Agricultural Experiment Station – University of Wyoming; Arizona State University.
Arizona State University - Internal grant competitions (OKED).
Canadian Foundation for Climate and Atmospheric Sciences.
United States Department of Agriculture - NIFA; NRICGP-Enhancing the Prosperity of Small Farms and Rural Agricultural Communities; US Department of Agriculture-Small Business Innovation Research.
Environmental Protection Agency- Expert Peer review, Report on Carbon Sequestration; STAR - Science to Achieve Results: Socio-economic Futures.
Hatch Grant, University of Wyoming.
Idaho EPSCoR, Research Experience for Undergraduates; Idaho EPSCoR
Idaho Governor's Carbon Sequestration Advisory Committee.
International Energy Agency.
The Kearney Foundation – University of California, Davis.
NASA – Research Opportunities in Space and Earth Sciences.
National Science Foundation (Science and Technology Centers Program, Coupled Natural-Human Systems, National Research Traineeships, EPSCoR Track IV);
Nevada EPSCoR, seed grant program.
Ohio Sea Grant; Phase I.
University of Wyoming – Faculty Grant in Aid.

Presentations

(# = invited)

1. #Mooney. S. *Research Funding and Proposal Development.* Watts College Ph.D. Research Symposium, Arizona State University. February 15, 2019.
2. #Mooney, S. *CV's in Brief.* Preparing Future Faculty and Scholars, Graduate College, Arizona State University. October 26, 2018.
3. Mooney, S., S. Gal and Faye Farmer. *Developing Research at a "Branch" Campus*. National Organization of Research Development Professionals (NORDP) Annual Meeting. Washington DC. May 9, 2018.
4. #Mooney, S. *Opportunities and Challenges for the faculty in a 21st Century University*. Virginia Commonwealth University. May 3, 2018
5. #Mooney, S. *Economic and Policy Consideration for Soil Carbon Sequestration*. National Academies of Sciences, Engineering, Medicine, Developing a Research Agenda for Terrestrial CO2 Removal and Reliable Sequestration, September 14, 2017.
6. #Mooney, S. *Getting the Most out of a Mentor/Mentee Relationship*. Teaching, Innovation, Excellence, Arizona State University, September 5, 2017.

7. #Mooney, S and K. Cobourn. *Water Right Seniority, Economic Efficiency and Land Allocation Decisions*. Morrison School of Agribusiness, Arizona State University, September 27, 2017.
8. Cobourn, K and S. Mooney. *Water rights and land allocation decisions in irrigated agriculture: A fractional multinomial logit analysis using field-scale remote sensing data*. Joint Canadian Agricultural Economics and Western Agricultural Economics meetings. Victoria, British Columbia, June 2016.
9. Mooney, S and K. Cobourn. *Perceptions and Rewards from Multidisciplinary Research: Viewpoints by Gender and Rank.* Agricultural and Applied Economics Association/Western Agricultural Economics Association Annual Meetings. San Francisco, July 28, 2015.
10. #Mooney, S. *Mid-Career Workshop: Panelist*. Agricultural and Applied Economics Association/Western Agricultural Economics Association Annual Meetings. San Francisco, July 28, 2015.
11. #Mooney, S. *Interdisciplinary Research- Challenges, Opportunities and New Perspectives*. Department Seminar Agribusiness and Applied Economics, North Dakota State University, Fargo, ND. October 31, 2014.
12. #Mooney, S. North Dakota: *Research Infrastructure and Partnerships for Discovery*. North Dakota EPSCoR/IDeA 2014 State Conference - Innovations & Expressions. Grand Forks, ND. April 29th, 2014.
13. #Mooney, S. *Interdisciplinary research: Academic and Federal Perspectives*. Forest Resources and Environmental Conservation. Virginia Tech. March 31, 2014.
14. #Mooney, S. *The Transdisciplinary and Team-based Nature of NSF EPSCoR Initiatives*. Maine EPSCoR annual Meeting, University of Maine, Orono, Maine. September 30, 2013.
15. Mooney, S. *Reverse Site Visit 3: Charge to Panel* – Sept. 25-26, 2013. National Science Foundation, Arlington, Virginia, September 25, 2013.
16. Mooney, S. *Reverse Site Visit 3: Detailed Walk Through* – Sept 25-26, 2013. National Science Foundation, Arlington, Virginia. September 25, 2013.
17. #Mooney, S. *Infrastructure Via Science and Technology Enhanced Partnerships (INSTEP III*). National Science Foundation Program Director Introduction - MT-EPSCoR Annual Meeting, Helena, Montana. August 21, 2013.
18. #Mooney, S. *iUTAH - innovative Urban Transitions and Aridregion Hydrosustainability*. National Science Foundation Program Director Introduction - UT-EPSCoR Annual Meeting, Salt Lake City, Utah. July 19, 2013.
19. Mooney, S. *NSF Program Director Introductory Presentation* - Oklahoma EPSCoR Strategic Planning (1301789) Research Infrastructure Improvement (RII) Track-1. Oklahoma City, Oklahoma. July 15, 2013.
20. Mooney, S and J. Small. *Research Performance Progress Report: Implementation Timeline and Resources*. EPSCoR Project Director/Project Administrator Meetings, Delaware. January 23, 2013.
21. #Mooney, S. *Cross Cutting Programs at the National Science Foundation*. National Science Foundation Days, Tulsa, Oklahoma. January 8, 2013.
22. Cobourn, K., S. Lowe, W. Xu and S. Mooney. *Land Allocation Decisions under Natural and Institutional Risks of Water Shortage on an Irrigated Landscape*. Western Economic Association International Meeting 2012.
23. Mooney, S., L. Marks and K. Cobourn. *Demand for interdisciplinary and team skills in the Economics job Market*. Western Agricultural Economics Association Annual Meeting, Park City, Utah. July 2012.
24. Mooney, S. *EPSCoR RII Track-1 Reverse Site Visits*. Project Director/Project Administrator Meeting, Crystal City, Arlington, VA. May 22, 2012.
25. Siân Mooney, Douglas L. Young, Kelly Cobourn and Samia Islam. *Multidisciplinarity in Agricultural Economics: Practitioner Attitudes*. Presented at the Agricultural and Applied Economics Association Annual Meetings, Pittsburgh. July 26, 2011.
26. Kelly Cobourn and Siân Mooney. *Trends in Publishing across Agricultural Economics Journals.* Presented at the Agricultural and Applied Economics Association Annual Meetings, Pittsburgh. July 26, 2011.
27. Leonie Marks and Siân Mooney. *Demand for Interdisciplinary Skills in the Economics Labor Force* Presented at the Agricultural and Applied Economics Association Annual Meetings, Pittsburgh. July 26, 2011.
28. Siân Mooney, Douglas L. Young, Kelly Cobourn and Samia Islam. *Applied Economists and*

Multidisciplinary Research: Are We Meeting New Demands? Western Agricultural Economics Association and Canadian Agricultural Economics Society Joint Annual Meeting, Banff, Alberta, June 30, 2011.

29. Leonie A. Marks, Kelly Cobourn, Siân Mooney. *Demand for Multidisciplinary Skills in the Economics Job Market & Trends in Publishing*. Western Agricultural Economics Association and Canadian Agricultural Economics Society Joint Annual Meeting, Banff, Alberta, June 30, 2011.
30. #*Progress in Economics and Policy Research (EPSCoR).* 10th Annual Climate and Water Workshop. Idaho Climate and Water Meeting, 2011 Water Year. Idaho Department of Water Resources, Boise, Idaho. November 2, 2010.
31. #*EPSCoR Economics and Policy Team – Update*. Idaho NSF EPSCoR Annual Meeting. Boise, Idaho. August 31, 2010.
32. #*Policies and Systems to Reduce Climate Change: Cap and Trade and Carbon credits*. 2010. Columbus State University, Georgia. April 22.
33. #*Surveys, cents and sense – primary or secondary data collection?* Panel D1: Policy/Social Survey Construction: Methods, Questions, and Target Audiences. 2010. EPSCoR TriState Meeting, Incline Village, April 7.
34. #*Cap and Trade: One Policy for GHG Reduction*. Idaho Energy Collaborative. Boise Idaho. November 10th, 2009.
35. #*Economics and Policy Research under The NSF Program Climate Change and Water Resources*. Climate Impacts Group, Idaho Climate and Water Resource Forecasts for the 2010 Water Year. Idaho Department of Water Resources, Boise, Idaho. October 22nd, 2009.
36. #*Economics of Carbon Capture and Storage*. Big Sky Carbon Sequestration Conference, Gallatin Gateway, Bozeman, Montana. September 23rd., 2009 (with Dr. John Antle).
37. #*Economics and Policy Subgroup Update*. NSF ID-EPSCoR RII Climate Change and Water Resources Annual Meeting. University of Idaho, Moscow, Idaho. August 31st, 2009.
38. #*Carbon Markets, Trading and Proposed US Legislation*. Ladies Fortnightly. Hillcrest Country Club, Boise, Idaho. May 9th, 2009.
39. #*Carbon Credits - New Opportunities for Sustainable Land Management.* Idaho Environmental Summit 2008: Cultivating a Sense of Place. Red Lion, Boise, Idaho. November 19, 2008.
40. Featured Guest on "New Horizons", National Public Radio http://stream.publicbroadcasting.net/production/mp3/idaho/local-idaho-700006.mp3. 2008.
41. #*Carbon Markets, Trading and Proposed Legislation.* Big Sky Carbon Sequestration Partnership, Spokane, Washington. October 28, 2008.
42. #*Carbon Markets, trading and recently proposed US legislation*. Center for Advanced Energy Studies, Carbon Management in Idaho, Boise State University. August 6, 2008.
43. #*Economics of Carbon Sequestration: the role for Agriculture*. Idaho House Agriculture Committee, Old Ada Courthouse, Boise, Idaho. March 31, 2008.
44. #*Suitability of Layered Basalt for Industrial CO2 Sequestration*. Idaho Academy of Sciences, Boise State University, West Campus. March 28, 2008.
45. #*Economics of Carbon Sequestration: the role for Agriculture*. Idaho Senate Agriculture Committee, Old Ada Courthouse, Boise, Idaho. March 11, 2008.
46. #*Climate Change, New Markets and the Global Business Community*. Presented at "Focus the Nation", Boise State University. January 30, 2008.
47. #*Carbon, Energy and Carbon Markets*. Presented at 2008 Environmental Law Update. Addressing Energy, Growth and Development in Idaho and the West. Idaho State Bar, Hoff Building, Boise, Idaho. January 30, 2008.
48. #*Carbon, Energy, and Carbon Credit Markets*. Presented at Renewable Energy, Food, and Sustainability Intersession, Kansas State University, January 9, 2008.
49. #*Economics of Carbon Sequestration and the Carbon Market: Selling the Invisible*. Presented at GEOG 501/FOR 501 Seminar Series "What Will Climate Change Mean For Idaho And The Interior West?" University of Idaho, November 16, 2007.
50. #*Carbon Trading 101*. Presented at, Practical Paths: Climate Change and Beyond. Boise Holiday Inn, October 31st, 2007.

51. #Panel Discussant, Environmental Sensing Symposium, Boise State University. October 25th, 2007.
52. Interview with Channel 6 News, Boise. 2007.
53. #*Carbon Sequestration and Carbon-Credit Trading*. Boise Mayors Climate Task Force, Boise, Idaho. August 29th, 2007.
54. #*Mitigating Climate Change: Carbon-Credit Trading*. Idaho Environmental Forum, Boise, Idaho. August 8th, 2007.
55. #*Suitability of layered basalt for industrial CO2 sequestration*. CAES Research Meeting, Idaho State University, July 17th, 2007.
56. #*Environmental Markets: a new tool for environmental protection*. Boise State University Earth Week, April 18th, 2007.
57. #*Economics of Carbon Sequestration in Agricultural Soils*. Terrestrial Carbon Sequestration Forum, University of Minnesota, April 20th 2006.
58. #*Soils, Sinks and the CDM: selling an "invisible" commodity using the "invisible hand*". Environmental Studies Colloquium, Middlebury College, March 16, 2006.
59. #*Contract Efficiency and Transactions Costs from Measuring Soil Carbon Credits*. Department of Economics, Boise State University, March 9th, 2006
60. #*Economics of Carbon-Credit Generation and Trading*. Natural Resources Ecology Laboratory, Colorado State University, November 4th 2005.
61. #*Environmental and Ecological Benefits of Soil Carbon Management: Economic Benefits of Soil Carbon Sequestration*. Lead Author Meeting, Kansas State University. February 10th 2005.
62. #*Economics of Carbon Management*. Kansas State University Alumni Center, Public Forum. February 11th, 2005.
63. #*Climate, Carbon and Cowboys: Agriculture's role in reducing Greenhouse gases*. School of Environment and Natural Resources, University of Wyoming, November 3rd, 2004.
64. *Scaling Model Results from Field to Region: Review of Models Addressing Payment Approaches for Cropland Carbon Sequestration, and Measurement Costs*. Workshop #3: Modeling to support policy. Forestry and Agriculture Greenhouse Gas Modeling Forum. Shepherdstown, West Virginia. October 2004.
65. *What mechanisms exist for reconciling supply of and demand for science? What experience is relevant to the carbon cycle community?* Carbon Cycle Science: Reconciling Supply and Demand. Colorado State University, Fort Collins. September 16th 2004.
66. *SUMAWA: The Njoro River Watershed*. International Livestock Research Institute, Nairobi, Kenya. September 10th 2004.
67. *Integrated Economic and Biophysical Models: The Tradeoff Model Example.* Egerton University, Njoro, Kenya. July 16th 2004.
68. #*Economics and contracting for Soil Carbon*. Carbon Sequestration: Science, Policy & Marketing in Wyoming. Casper Wyoming. June 22nd 2004.
69. *What are the Economic Costs of Measuring and Monitoring Soil Carbon?* Third Annual Conference on Carbon Capture and Sequestration, Alexandria, Virginia. May 3rd, 2004.
70. #*Economics of Carbon Sequestration in Agricultural Soils: Existing Research and Further Questions*. Department of Plant Sciences, University of Wyoming, November 14th, 2003.
71. *Economics – Factors Affecting Costs of Measuring Soil Carbon*. Carbon Measurement and Monitoring Forum, Kansas State University, October 17th 2003.
72. #*Opportunities for Trading Soil Carbon Credits From Managed Ecosystems.* School of Natural Resources, University of Nebraska, Lincoln, September 23rd 2003.
73. #*Sequestering Carbon to sell Carbon Credits – Forestry*. School of Natural Resources, University of Nebraska, Lincoln, September 23rd 2003.
74. #*Selling Carbon Credits? Potential New Opportunity for Agriculture*? Department of Animal Science, University of Wyoming. September 5th, 2003.
75. #*Adaptation to Climate Change*. Invited Testimony to Canadian Senate: Senate Standing Committee on Agriculture and Forestry. Ottawa, Canada. April 29th, 2003.
76. #*Spatial Heterogeneity and Efficient Contract Design for Soil Carbon Sequestration*. Department of Agricultural and Resource Economics and Department of Economics, Colorado State University March 24th, 2003.

77. *Carbon as a Commodity: Options for Rangelands*. Society for Range Management. 56th Annual Meeting, Casper, Wyoming, February 3rd, 2003.
78. *Costs of Measuring Soil Carbon*. USDA Symposium on Natural Resource Management to Offset Greenhouse Gas Emissions. Raleigh, North Carolina. November 20th, 2002.
79. *Soil Carbon Measurement Costs, Protocols, and Sequestration Rates Using a Linked Economic and Biophysical Simulation Model*. USEPA, USDA/ERS, the Farm Foundation and Agriculture Canada – Forestry and Agriculture Greenhouse Gas Modeling Forum. National Conservation Training Center, Shepherdstown, WV. October 8th, 2002.
80. *A Measurement and Monitoring Protocol for Soil C: Influence on Efficient Policy Design*. American Agricultural Economics Association Annual Meetings, Long Beach, CA. July 30th, 2002.
81. #*Efficient Contract Design and a Measurement and Monitoring Protocol for Soil Carbon Sequestration*. Presented at Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO. May 21st, 2002.
82. #*Efficient Policy Design for Carbon Sequestration*. Presented at University of Wyoming, Laramie. May 7th, 2002.
83. *Proposal for research on C sequestration - perennial ecosystems*. Presented at Consortium for Agricultural Soils Mitigation of Greenhouse Gases – Task 2 working group meeting. Kansas City, November 14th, 2001.
84. *Agricultural Competitiveness in a Market for Soil Carbon*. Presented at Northwest Economic Associates. November 5th, 2001.
85. #*Spatial Heterogeneity and Design of Efficient Policies for Soil Carbon Sequestration*. Presented at North Dakota State University. July 26th, 2001.
86. #*Could Agriculture Compete in a Market for Carbon?* Presented to Montana Carbon Offset Coalition. February 7th 2001. Holiday Inn, Bozeman, MT.
87. *Economic Analysis of Agricultural Soil Carbon Sequestration*. Advances in Terrestrial Ecosystem Carbon Inventory, Measurements and Monitoring. Southern Global Change Program. North Carolina. October 3rd 2000.
88. *Policy Design for Carbon Sequestration in Dryland Agricultural Systems of the Northern Great Plains*. American Agricultural Economics Association Annual Meetings. 2000.
89. *Ex post liability versus ex ante bonding as instruments for addressing environmental impacts of genetically modified crops*. Western Agricultural Economics Association Annual Meetings. Vancouver, B.C., Canada. June 29 to July 1, 2000.
90. Jointly organized a symposium at the AAEA annual meetings: Policy Design Issues for Carbon Sequestration in Forestry and Agriculture.
91. *Impacts of Spatial Scale on Integrated Assessment of Agricultural Production Systems*. GCTE Focus 3 "Food and Forestry" Conference, Reading – UK. September 23rd, 1999.
92. *Optimal Spatial Scale for Evaluating Economic and Environmental Tradeoffs.* American Agricultural Economics Association Annual Meeting Nashville, TN. August 8-11, 1999.
93. *Designing Efficient Policies for Agricultural Soil Carbon Sequestration*. International Symposium: Agricultural Practices and Policies for Carbon Sequestration in Soil. The Ohio State University. July 19-23, 1999.
94. *Environmental Concerns and Risks of Genetically Modified Crops.* Annual Meeting of the Canadian Agricultural Economics Society. Fargo, North Dakota, July 11-14, 1999.
95. *Economic and Environmental Tradeoffs at the Watershed Scale: Costs of Stream Temperature Reduction*. EPA Water Workshop, Seattle, WA. April 22nd, 1999.
96. *A Cost-Effectiveness Analysis of Actions to Reduce Stream Temperature at the Watershed Scale.* AAEA Annual Meeting. Salt Lake City, Utah. 1998.
97. *A Descriptive Analysis of Economic and Biological Data Within the Greater Yellowstone Area, With Emphasis on Spatial Scale*. Poster presentation. Yellowstone National Park 125th Anniversary Symposium, An Exploration of Natural Areas and Their Stewardship, Montana State University, Bozeman, Montana. 1998.
98. *A Social-Economic Profile of Oregon Labor Markets.* Presented in the symposium, Rural Labor Markets and Low Income Workers. Pacific Northwest Regional Economic Conference, Olympia, Washington.

1998.

99. *Using GIS in a Cost-Effectiveness Analysis of Actions to Reduce Stream Temperature: A Case Study of the Mohawk Watershed*. Presented in the symposium, Real World Applications of Blending GIS Technology to Agricultural Economic Modeling. AAEA Annual Meeting. Toronto, Canada. 1997.
100. *Relationship Between the Implicit Value of Riverside Property, Environmental Amenities, and Streambank Protection*. Selected paper at WAEA Meetings, Reno, Nevada. 1997.
101. *The Aesthetic Value of Riparian Enhancement: A Hedonic Study of Changes in Property Values*. Pacific Northwest Regional Economic Conference. Spokane, Washington. 1997.
102. *Using Geographical Information Systems in Agricultural Economics: An Application to Watershed Management*. Poster presentation at the Graduate Student Conference, Oregon State University. 1997.
103. *Riparian Plantings on Private Lands: Will Incentives be required*? Graduate Student Conference, Oregon State University.1997.
104. *The Mohawk Model: Description and Demonstration of Concepts*. USDA/NRCS, Corvallis, Oregon.1995.
105. *Riparian Areas and Watersheds*. Made to visiting Albanian agricultural economists. Corvallis, Oregon.1995.
106. *Cost Effectiveness Analysis of Actions to Enhance Water Quality*. McKenzie Watershed Council, Eugene, Oregon.1995.
107. *Economic Impacts of Climatic Change on Crop Production in the Canadian Prairie Provinces.* Selected paper for CAEFMS/SCERGA annual meeting at Fredericton, New Brunswick. 1991.
108. *Potential Impacts of Climate Change on Agriculture in Manitoba*. Agricultural Institute of Canada Workshop, Penticton, British Columbia. 1990.

Selected Professional Service and Leadership

National and International

2019	Selected Paper review committee – Natural Resources, American Agricultural Economics Association.
2016 -2018	State of the Carbon Cycle Research (SOCCR) report team, US Global Change Research Program.
2013-2016	Co-Editor, *Canadian Journal of Agricultural Economics* One of four co-editors that led journal through technology changes as it converted to ScholarOne web based system for submissions and review. Worked to maintain high standards and transparent review process and lower costs. Moved journal to online with hard copy available upon request. Led review of 86 article submissions. Journal impact factor increased.
2012-2014	US Global Change Research Program - Social Science Working Group
2012-2014	US Global Change Research Program - Carbon Cycle Interagency Working Group (National Science Foundation representative)
2012-2016	C-FARE (Council on Food Agricultural and Resource Economics) Blue Ribbon Panel on Climate Change
2011-2011	International Member, Graduate Program Review Committee, Bioresource Economics, University of Saskatchewan, Canada.
2005-2008	Committee for Women in Agricultural Economics (CWAE) Tracking Survey Advisory Board
2003-2005	Board Member at Large, Committee for Women in Agricultural Economics, American Agricultural Economics Association
2003-2004	Chair, Best MS thesis award, Western Agricultural Economics Association
2002-2002	Selection Committee, Best Ph.D. Dissertation, Canadian Agricultural Economics Society

State

2008-2011	Idaho Governor's Strategic Energy Alliance
2007-2011	Idaho Governor's Carbon Sequestration Advisory Committee

2002-2006 Wyoming Carbon Storage/Sequestration Advisory Committee, appointed by Governors Geringer and Freudenthal

University

2019- Universal Learning Working Group, Arizona State University
2017- New Carbon Economy Consortium, member for Arizona State University.
2016- *Future H2O* Research Council, Arizona State University, Arizona State University.
2015- Social Sciences Research Group, Arizona State University
2011-2014 Intergovernmental personnel agreement, on detail to National Science Foundation from Boise State University
2010-2011 STEM (Science Technology Engineering and Mathematics) Co-coordinating Council, Boise State University
2010-2011 Chair, Faculty Senate Research Committee, Boise State University
2007-2011 College of Business and Economics Representative, Undergraduate Research Conference Advisory Committee – Boise State University
2007 -2010 College of Business and Economics Representative, Research Council – Boise State University
2006 -2007 College of Business and Economics Representative, Service Learning Committee – Boise State University
2004-2006 Energy Planning Group, Institute for Environment and Natural Resources, University of Wyoming
2004-2006 Faculty Senate, University of Wyoming

College

2015- Multiple Search Committees, Arizona State University.
2007-2009 Research Support Enhancement Task Force, College of Business and Economics. Boise State University.
2006-2007 Graduate Policy Committee, College of Business and Economics, Boise State University
2006 College of Business and Economics Dean's Evaluation Committee
2005 Search Committee, Associate Dean, College of Agriculture, University of Wyoming

Department

2008 – 2009 Faculty Search Committee, Dept. Economics, Boise State University
2006 Faculty Search Committee, Dept. Economics, Boise State University.
2006 Graduate Curriculum Redesign Committee, University of Wyoming
2005-2006 Faculty Search Committee, University of Wyoming
2004 Performance Standards Committee, University of Wyoming
2003-2004 Search Committee for Department Head, Agricultural and Applied Economics
2002 Undergraduate Curriculum Committee, University of Wyoming