

Paul J. Ferraro

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EDUCATION

BA (Biology and History), Duke University, 1986-1990

MS, Duke University, 1992-1994

PhD, Cornell University, 1997-2001

Dissertation: *Constructing Markets for Ecosystem Services: essays in conservation contracting*

ACADEMIC POSITIONS

Bloomberg Distinguished Professor, Department of Environmental Health & Engineering, a joint department of the Bloomberg School of Public Health & Whiting School of Engineering, Johns Hopkins University, 2015-present. [50% appointment]

Bloomberg Distinguished Professor, Carey Business School, Johns Hopkins University, 2015-present. [50% appointment]

Bloomberg Distinguished Professor, Earth & Planetary Sciences, Johns Hopkins University, 2026-present. [pending courtesy appointment]

Visiting Scholar, U.S. Department of Agriculture, 2019-20

Humanitas Visiting Professorship in Sustainability Studies, University of Cambridge, 2015-2016

Regents' Professor, Department of Economics, Andrew Young School of Policy Studies, Georgia State University, 2001 – 2015

3ie Fellow, 3ie (International Initiative for Impact Evaluations), 2020-present; **RWI Research Fellow**, RWI - Leibniz Institute for Economic Research Network, 2018-present; **Ideas42 Affiliate**, Ideas42, 2016-present; **EGAP Member**, 2016-present; **EfD Affiliate**, The Environment for Development Initiative, 2012 – present; **CDHAI Affiliate**, Johns Hopkins Center for Digital Health and Artificial Intelligence, 2022-present; **Teton Fellow**, University of Wyoming, 2023-present.

AWARDS & HONORS

Fellow, Association of Environmental and Resource Economists, 2024; Stanford University's list of "World's Top 2%" scientists, 2020-2025; National Association of Conservation Districts 2021 Friend of Conservation Award (Honorable Mention for co-directing CBEAR); Web of Knowledge Highly Cited Researcher, 2018, 2019 (top 1% of scholars by citations in field); National Socio-Environmental Synthesis Center Distinguished Scholar-Lecturer, 2017; Rockefeller Foundation Bellagio Fellow, 2016; Provost's Faculty Fellow Award, 2013;

National Academy of Sciences Cozzarelli Prize, 2012 (for article of "outstanding scientific excellence and originality" published in the *Proceedings of the National Academy of Sciences*); Fulbright Scholar (Costa Rica), 2011-2012; Fulbright Scholar (Costa Rica), 2011-2012; Outstanding Faculty Achievement Award, Georgia State University, 2010; World Wildlife Fund Senior Science Fellow, 2006-present; Kathryn Fuller Science for Nature Fund Visiting Scientist, 2007-2010; Zayed International Prize for the Environment, Scientific and Technological Achievement in Environment (jointly awarded to authors of *Millennium Ecosystem Assessment*); Resources for the Future Joseph Fisher Fellow, 2000; Institute for the Study of World Politics Fellow, 1999; United States Environmental Protection Agency STAR Fellow, 1997-1999; United States Agency for International Development Research Fellowship, 1992-1994; William Lazar Foundation International Environmental Leadership Award, 1992; Center for International Studies Graduate Award for International Research, 1992; William T. Laprade Prize for Outstanding Honors Thesis (History), 1990; Duke University Senior Leadership Award, 1990; National Merit Commended Scholar, Garden State Scholar, and Colgate Scholar, 1986.

ADVISORY APPOINTMENTS: ACADEMIC & PRACTICE-BASED ORGANIZATIONS

Commissioner, State [Children's Environmental Health and Protection Advisory Council](#) to Maryland's General Assembly, 2021- present

Scientific Advisor, [Symbiosis Coalition](#), Technical Advisory Board, 2025-present

Academic Advisor, Innovations for Poverty Action, [Climate and Environment Program](#), 2023-present

Scientific Advisor, Experimental Evidence on Public Policies to Improve Environmental Performance of Latin American and Caribbean Firms, Interamerican Development Bank, Scientific Advisory Board, 2021-2025

Academic Advisor, USAID, Promoting Impact and Learning with Cost-Effectiveness Evidence, 2024-2025

Editorial Board, *Elements of Sustainability: Science, Policy, Practice* (Cambridge University Press)

Editorial Board, *Conservation Letters*, 2013 – 2023

Advisory Board, Collaboration for Environmental Evidence, 2009 – 2023

Advisory Board, Conservation Strategy Fund, 2009 – 2023 (winner of 2012 MacArthur Award for Creative and Effective Institutions)

Senior Editor, *Environmental Evidence*, 2012-2023

U.S. EPA Evidence-Based Compliance Assurance Working Group, 2021 – 2022

Advisory Board, Evidence on Consumer Demand Reduction Interventions (University of Cambridge), 2018-2021

Review Panel, Decision, Risk and Management Sciences, National Science Foundation, 2017-19

Scientific Committee, Community of Practice, Forests and Livelihoods: Assessment, Research, and Engagement (FLARE) network, 2015 – 2019.

Scientific and Technical Advisory Committee, Bluewater Baltimore, 2017-2018
Executive Committee, Johns Hopkins Environment, Energy, Sustainability & Health Institute (E²SHI), 2015-2019
Editorial Board, *Land Economics*, 2012 – 2018
Advisory Board, Center for the Management of Ecological Wealth, Resources for the Future, 2012 – 2016
Ad Hoc Editor, *Proceedings of the National Academy of Sciences*, 2014 – 2015, 2021
Behavioral Policy Working Group: Energy and Environment. White House Social and Behavioral Science Team & the Behavioral Science and Policy Association, 2016
Board of Directors, Association of Environmental and Resource Economists, 2010–2012
Editorial Board, *Conservation Biology*, 2010-2012 (Handling Editor, 2007– 2010)
Scientific and Technical Advisory Panel - Global Environment Facility (GEF)/United Nations Environmental Programme, 2006– 2009 (one of five science advisors; ~70 days per year)

ADDITIONAL PRACTICE-BASED ACTIVITIES

Co-Director, Center for Behavioral and Experimental Agri-Environmental Research (CBEAR), a USDA Center of Excellence, 2014-2024; Director, Environmental Program Innovations Collaborative (EPIC), 2017-2024; Grazing Permit Retirement Auction in the Charles M. Russell National Wildlife Refuge (5/08-9/09), National Wildlife Federation/World Wildlife Fund, Montana; Payments for Avoided Ecosystem Degradation in Nudo del Azuay, Ecuador, Fundación Cordillera Tropical and CIFOR (7/08-5/09); Program Evaluation of Institute for Family Centered Services' In-home Treatment Service for at-risk Youth. Maryland and Virginia (4/06-3/08); Payments for Environmental Services, Sustainable Agriculture and Natural Resources Management (SANREM) Collaborative Research Support Program (9/06-10/07); International Panel to Evaluate Costa Rica's Programa de Pagos de Servicios Ambientales y Proyecto Ecomercados. Ministerio de Ambiente y Energía, Costa Rica (9/05); Ukraine-American Policy and International Coordination Work Group and Ukraine Environmentally Sound Business Development Project. For USAID/Bureau for Europe and the New Independent States. (1/96 – 12/96); Economic Factors Affecting the Conservation or Depletion of Biodiversity, and A Framework for Affecting Household Behavior to Promote Biodiversity Conservation: field applications. For USAID/Africa Bureau (10/95 – 9/96); Pesticide Use and Pest Management in Madagascar: sub-sector and programmatic environmental assessment. For USAID/Africa Bureau and USAID/Madagascar (8/95 – 9/95); Trade in Biodiversity for Environmental Management. For USAID/Madagascar (6/94 – 11/94); Environmental Valuation of a Development and Conservation Project. For World Bank/Duke University (3/91 – 6/91; 1/92); Alternatives to Destruction: steps towards the sustainable use of the Malagasy rain forest. Funded by the Rhode Island Zoological Society, the Biodiversity Support Program (World Wildlife Fund, the Nature Conservancy, and the World Resources Institute), and the Rainforest Alliance. (8/91 – 12/96); Man and the Malagasy Rain Forest: an integrated

conservation/sustained development project. Funded by the UNESCO Man and the Biosphere Program. (6/89 – 7/89; 8/90 – 3/91).

Provided pro bono advice to more than six dozen non-profit and governmental groups.

TEACHING

University Courses: Field Experiments (MBA, MS); Causal Inference (PhD); Environmental Sustainability, Resilience, and Health Journal Seminar (PhD); Environmental and Natural Resources Economics (PhD); Environmental Economics and Policy (Masters); Engineering Microeconomics (Undergraduate); Environmental and Natural Resource Economics (Undergraduate); Introduction to Microeconomics (Undergraduate); Mathematics for Economists (PhD); Fact or Fiction? Evaluating Evidence in Global Policy Debates (First-year Undergraduate Seminar); Guest lectures in over two dozen courses.

Short Courses: Behavioral Science and Evidence-based Program Design Training Modules for Natural Resource Conservation Service's Conservation Planning Bootcamp (US Department of Agriculture); Recent Advances in Program and Policy Evaluation (Invited annual pre-conference workshop for Association of Environmental and Resource Economists); Advances in Behavioral Economics and Causal Inference (National Socio-environmental Synthesis Center); Advances in Evaluating the Environmental and Social Impacts of Environmental Programs (Latin American and Caribbean Environmental Economics Program); Advances in Impact Evaluation and Causal Inference (two times at annual conference of Society for Conservation Biology & once at University of Queensland); Payments for Environmental Services (University of Copenhagen); Impact Evaluation (Latin American and Caribbean Environmental Economics Program); Behavioral Economics: implications for environmental program design and benefit-cost analysis (US Environmental Protection Agency).

40 REPRESENTATIVE PUBLICATIONS [post-doc% or student*]

[Pre-print versions of these publications can be found on my [website](#) under Publications]

40. [Best Practices for Moving from Correlation to Causation in Ecological Research](#). 2026. Correia, H% [corr], L Dee, J Byrnes, J Fieberg, M-J Fortin, C Glymour, J Runge, B Shipley, I Shpitser, K Siegel, G Sugihara, B von Holle, PJ Ferraro [corr]. *Nature Communications*.

39. [The Persistence and Heterogeneity of Economic and Environmental Effects from Improved Household Water Efficiency in an Arid Environment](#). In Press. Bernedo, M* [corr.], PJ Ferraro [corr.]. *Proceedings of the National Academy of Sciences*.

38. [Do the Effects of Social Nudges Persist? Theory and evidence from 38 natural field experiments](#). 2026. Brandon, A, Ferraro, PJ, J List, R Metcalfe. M Price, F Rundhammer. *Review of Economic Studies*.

37. [**Beyond Adoption: The persistence of conservation and climate-smart agricultural practices in the United States**](#). 2025. Ferraro, PJ [corr], H Correia[°], J Gao, K Larson, K Messer, L Paul, B. Pratt, L Prokopy. *Proceedings of the National Academy of Sciences*.
36. [**The Effect of Compliance Assistance on Regulatory Compliance and Pollution Discharges**](#). 2025. Ferraro, PJ, J Shimshack. *Journal of Policy Analysis and Management*.
35. [**Conservation Impacts and Hidden Actions in a Randomized Trial of a Marine Pay-to-release Program**](#). 2025. Booth, H [corr], T Pienkowski [corr], MS Ramdhan, KB Neira, Muhsin, EJ Milner-Gulland, L Adrianto, PJ Ferraro [corr]. *Science Advances*.
34. [**Designing Causal Mediation Analyses to Quantify Intermediary Processes in Ecology**](#). 2025. Correia, H[°], L Dee, PJ Ferraro. *Biological Reviews* 100(4): 1512–1533.
33. [**Causal claims, Causal Assumptions, and Protected Area Impact**](#). 2025. Geldmann, G, JPG Jones, H Wauchope, PJ Ferraro. *Nature* 638.
32. [**Behavioral Biases among Producers: Experimental evidence of anchoring in procurement auctions**](#). 2024. Ferraro, PJ, K Messer, P Shukla[°], C Weigel[°]. *Review of Economics and Statistics* 106 (5): 1381–1392.
31. [**Input Efficiency as a Solution to Externalities and Resource Scarcity: A randomized controlled trial**](#). 2024. Alpízar, F, M Bernedo^{*}, PJ Ferraro. *Journal of the Association of Environmental and Resource Economists* 11(1). [Editor's Choice](#)
30. [**Create a Culture of Experiments in Environmental Programs**](#). 2023. Ferraro, PJ [corr. auth], T Cherry, J Shogren, C Vossler, T Cason, H Byerly Flint, J Hochard, O Johansson-Stenman, P Martinsson, J Murphy, S Newbold, L Thunstrom, D van Soest, K van't Veld, A Dannenberg, G Loewenstein, L van Boven. *Science* 381(6659): 735-737.
29. [**Clarifying the Effect of Biodiversity on Productivity in Natural Ecosystems with Longitudinal Data and Methods for Causal Inference**](#). 2023. Dee, L [corr], PJ Ferraro [corr], C Severen, K Kimmel[°], ET Borer, J Byrnes, A Clark, Y Hautier, A Hector, X Raynaud, PB Reich, AJ Wright, CA Arnillas, KF Davies, A MacDougall, A Mori, MD Smith, PB Adler, JD Bakker, K Braumann, J Cowles, K Komatsu, JMH Knops, RL McCulley, JL Moore, JW Morgan, T Ohlert, SA Power, LL Sullivan, C Stevens, M Loreau. *Nature Communications* 14:2607. [Commentary](#).
28. [**Empirical Evidence of Widespread Exaggeration Bias and Selective Reporting in Ecology**](#). 2023. Kimmel, K[°], M Avolio, PJ Ferraro [corr]. *Nature Ecology & Evolution*. [Commentary](#).
27. [**Unraveling Complex Causal Processes that Affect Sustainability Requires More Integration between Empirical and Modeling Approaches**](#). 2023. Schlüter, M, C Brelsford, PJ Ferraro, M. Smith. K. Orach, M. Qiu. *Proceedings of the National Academy of Sciences* 120 (41) e2215676120.

26. [**A Reassessment of the Potential for Loss-framed Incentive Contracts to Increase Productivity: A meta-analysis and real-effort experiment.**](#) 2022. Ferraro, PJ, JD Tracy*. *Experimental Economics*.
25. [**Synthesizing Evidence in Sustainability Science Through Harmonized Experiments: Community monitoring in common pool resources.**](#) 2021. Ferraro, PJ, Agrawal, A. *Proceedings of the National Academy of Sciences* 118 (29) e2106489118 [Video](#)
24. [**Reimagining Safe Drinking Water on the Basis of Twenty-first-century Science.**](#) 2021. Ferraro, PJ, C Prasse. *Nature Sustainability*.
23. [**Causal Assumptions and Causal Inference in Ecological Experiments.**](#) 2021. Kimmel, K%, L Dee [corr. auth], M Avolio, PJ Ferraro [corr. auth]. *Trends in Ecology & Evolution*.
22. [**Community-based Monitoring to Facilitate Water Management by Local Institutions in Costa Rica.**](#) 2021. Bernedo, M*, Alpizar, F, PJ Ferraro. *Proceedings of the National Academy of Sciences* 118 (29) e2015177118.
21. [**Adoption of Community Monitoring Improves Common Pool Resource Management across Contexts.**](#) 2021. Slough, T. et al. *Proceedings of the National Academy of Sciences*. 118 (29) e2015367118.
20. [**Conditional Cash Transfers to Alleviate Poverty also Reduced Deforestation in Indonesia.**](#) 2020. Ferraro, PJ, R. Simorangkir*. *Science Advances* 6 [Infographic](#) and [Top Scientific Breakthrough of 2020](#)
19. [**Is there a Replicability Crisis on the Horizon for Environmental and Resource Economics?**](#) 2020. Ferraro, PJ, P Shukla%. *Review of Environmental Economics and Policy* 14(2)
18. [**Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States.**](#) 2020. Blum, A%, PJ Ferraro, S Archfield, K Ryberg. *Geophysical Research Letters*. [Press release](#)
17. [**The Effect of Peer Comparisons on Polluters: A randomized field experiment among wastewater dischargers.**](#) 2020. Earnhart, D, PJ Ferraro [corr auth]. *Environmental and Resource Economics*.
16. [**The Impacts of Climate Science and Capacity Building in a Randomized Adaptation Project.**](#) 2019. Alpizar, F, M Bernedo*, PJ Ferraro [corr auth], B Meiselman%. *Nature Climate Change* 9: 587–591. Accompanying [News & Views](#) piece and [Behind the Paper](#) blog.
15. [**Causal Inference in Coupled Natural Human Systems.**](#) 2019. Ferraro, PJ, J Sanchirico, M Smith. *Proceedings of the National Academy of Sciences* 116: 5311-5318. [Press Release](#)
14. [**Panel Data Designs and Estimators as Substitutes for Randomized Controlled Trials in the Evaluation of Public Programs.**](#) 2017. Ferraro, PJ, JJ Miranda*. *Journal of the Association of Environmental and Resource Economists* 4:281-317.

13. [Estimating the Impacts of Conservation on Ecosystem Services by Integrating Modeling and Evaluation](#). 2015. Ferraro, PJ, M Hanauer*, D Miteva, J Nelson, S Pattanayak, C Nolte, K Sims. *Proceedings of the National Academy of Sciences* 112: 7420-7425.
12. [Quantifying Causal Mechanisms to Determine How Protected Areas Affect Poverty through Changes in Ecosystem Services and Infrastructure](#). 2014. Ferraro, PJ, M Hanauer*. *Proceedings of the National Academy of Sciences* 111:4332–4337. Accompanying [Perspective](#).
11. [Are Voters More Likely to Contribute to Other Public Goods? Evidence from a Large-Scale Randomized Policy Experiment](#). 2014. Bolsen, T, PJ Ferraro, JJ Miranda*. *The American Journal of Political Science* 58(1): 17-30.
10. [Advances in Measuring the Environmental and Social Impacts of Environmental Programs](#). Ferraro, PJ, MM Hanauer*. 2014. *Annual Review of Environment and Resources* 39: 495-517.
9. [Using Non-Pecuniary Strategies to Influence Behavior: evidence from a large-scale field experiment](#). 2013. Ferraro, PJ, M Price. *The Review of Economics and Statistics* 95(1): 64-73.
8. [Conditions Associated with Protected Area Success in Conservation and Poverty Reduction](#). 2011. Ferraro, PJ, M Hanauer*, KE Sims. *Proceedings of the National Academy of Sciences* 108(34): 13913-13918. [2011 Cozzarelli Prize. Selected from over 3,800 articles as article of "outstanding scientific excellence and originality" published in *Proceedings of the National Academy of Sciences*]
7. [Persistence of Treatment Effects with Norm-based Policy Instruments: evidence from a randomized environmental policy experiment](#). 2011. Ferraro, PJ, JJ Miranda*, M Price. *American Economic Review: papers and proceedings* 101(3): 318–22.
6. [The Future of Payments for Environmental Services](#). 2011. Ferraro, PJ. Invited article, *Conservation Biology* (25th Anniversary Issue) 25: 1134-1138.
5. [Protected Areas Reduced Poverty in Costa Rica and Thailand](#). 2010. Andam, KS*, PJ Ferraro [corr auth], KE Sims [corr auth], A Healy, and MB Holland. *Proceedings of the National Academy of Sciences* 107(22): 9996-10001. (Andam, Ferraro & Sims share senior authorship)
4. [Measuring the Effectiveness of Protected Area Networks in Reducing Deforestation](#). 2008. Andam, KS, PJ Ferraro [corr auth], A Pfaff, GA Sanchez-Azofeifa, and J Robalino. *Proceedings of the National Academy of Sciences* 105(42): 16089-16094. (Andam & Ferraro share senior authorship)
3. [Money for Nothing? A call for empirical evaluation of biodiversity conservation investments](#). 2006. Ferraro, PJ and SK Pattanayak. *PLoS Biology* 4(4): 482-488.
2. [Direct Payments for Biodiversity Conservation](#). 2002. Ferraro, PJ, and A Kiss. *Science* 298: 1718-1719.
1. [Global Habitat Protection: Limitations of development interventions and a role for](#)

[conservation performance payments](#). 2001. Ferraro, PJ. *Conservation Biology* 15(4): 990-1000. [Reprinted in special issue for International Year of Biodiversity: Conservation Social Science, April 2010, *Conservation Biology*]

WORKING PAPERS AND STUDIES IN PROGRESS

18. [Exposure-enhanced goods and technology disadoption](#). Alpízar, F, M Bernedo^{*}, PJ Ferraro, B Meiselman[°]. Working paper.
17. **A non-inferiority randomized controlled trial of off-site compliance monitoring for pollution control**. Andarge, T, M Evans, PJ Ferraro. In progress.
16. **Predicting the behavioral persistence of conservation practices using publicly available environmental and socioeconomic data**. Correia, H, PJ Ferraro. In progress.
15. **Competing perspectives on causal research in ecology**. Dee, L et al.
14. **Social comparisons and water polluters: a replication and extension**. Earnhart, D, PJ Ferraro. In progress.
13. [Certain Reversals: experiment and theory](#). Feldman, P[°], PJ Ferraro. Working paper.
12. **Farmer discount rates : Experimental evidence and implications for conservation practice adoption**. Feldman, P[°], PJ Ferraro, Shartaj, M., J Suter, C Weigel[°]. In progress.
11. **A closer look at experimentally elicited discount rates: an evaluation of methods using individual-level estimates**. Feldman, P[°], PJ Ferraro, C Weigel[°], M Bernedo del Carpio. In progress.
10. **Protecting nature for its own sake or for humans? Evidence from a randomized controlled trial on conservation framing for collective action**. PJ Ferraro, P Aminpour, G Waterfield, Micheli, F. In progress.
9. **Nudging organizations: Evidence from two multi-year natural field experiments**. Ferraro, PJ, C Weigel[°], D Earnhart, J Fan[°], K Messer. Working paper.
8. **Barriers to applying insights from the behavioral sciences for sustainability**. Ferraro, PJ. In progress.
7. **Causal claims in empirical studies of adaptation and resilience**. Ferraro, PJ. In progress.
6. **Priming, anchoring and the interaction effects of behavioral interventions among agricultural producers**. Ferraro, PJ, K Messer, C. Weigel. In progress.
5. **Insights from multiple data sets on field-level persistence of cover cropping in the United States**. Ferraro, PJ, K Messer, B Pratt, M Bowman, J Gao, L Paul. In progress.

4. **The effects of financial incentives on the persistence of cover cropping in the United States.** Ferraro, PJ, K Larson. In progress.

3. **Awareness about behavioral biases and applications of behavioral insights: implications for the behavioral sciences and public policy.** Ferraro, PJ, P. Shukla, JD Tracy*, K Messer. Working paper.

2. **Differences and similarities in university student and commercial farmer behaviors in a time preference elicitation experiment.** Ganguly, D., P. Feldman, M. Bernedo, PJ Ferraro, K Messer, C Weigel. In progress.

1. **Pre-registered, harmonized study of the impacts of conditional cash transfers to poor households on tropical deforestation in six countries.** Shukla, P, H Pullabhotla, G Hadiwidjaja, L Sanford, Ferraro, PJ. In progress.

OTHER PUBLICATIONS: SCHOLARLY JOURNALS [post-doc% or student*]

100. [Unobserved Confounders Cannot Explain Over-crediting in Avoided Deforestation Carbon Projects.](#) In Press. Guizar-Coutiño, A, G Nicholson, D Coomes, PJ Ferraro, T Swinfield, JPG Jones. *Nature Ecology and Evolution*.

99. [The Impact of Experiments on Environmental Policy and Natural Resource Policy.](#) Accepted. Vossler, C, T Cason, J Murphy, PJ Ferraro, T Cherry, G Loewenstein, P Martinsson, J Shogren, L van Boven, D van Soest. *Review of Environmental Economics and Policy*.

98. [Lessons Learned from 10 Years of Embedding Experimentation in Agri-environmental Programs in the United States.](#) 2025. Ferraro, PJ, K Messer. *Conservation Science and Practice*, e70047.

97. [RCTs in the Wild: Designing and implementing conservation programs as randomized controlled trials.](#) 2025. Pynegar, E., JPG Jones, H Booth, S Rakotonarivo, PJ Ferraro. *Conservation Science and Practice*.

96. [Business-as-usual Trends Will Largely Miss 2030 Global Conservation Targets.](#) 2024. Palomo, I, A González-García, PJ Ferraro, R Muradian, U Pascual, M Arboledas, JM Bullock, E Bruley, E Gómez-Baggethun, S Lavorel. *Ambio*.

95. [High Discount Rates by Private Actors Undermine Climate Change Adaptation Policies.](#) 2023. Alpízar, F., Bernedo, M*, R. Cremades, PJ Ferraro [corr]. *Climate Risk Management*.

94. [Social Comparisons and Groundwater Use: Evidence from Colorado and Kansas.](#) 2023. Hrozencik, A, J Suter, Ferraro, PJ, N. Hendricks. *American Journal of Agricultural Economics*.

93. [Applying Behavioral Science to Agriculture, Food, And Agri-Environmental Policymaking.](#) 2023. Shukla, P, L Messer, PJ Ferraro. *Food Policy* 120.

92. [Informational Nudges in Conservation Auctions: A field experiment with U.S. farmers.](#) 2023. Wallander, S, L Paul, PJ Ferraro, K Messer, R Iovanna. *Food Policy* 120.
91. [Underpowered Studies and Exaggerated Effects: A replication and re-evaluation of the magnitude of anchoring effects.](#) 2025. Li, T, C Weigel, PJ Ferraro, KD Messer. *Economic Inquiry*.
90. [Perspectives on Stakeholder Participation in the Design of Economic Experiments for Agricultural Policymaking: Pros, Cons, and Twelve Recommendations for Researchers.](#) Höhler, J et al. 2023. *Applied Economic Perspectives and Policy*.
89. [Lottery Incentives and Resource Management: Evidence from the Agricultural Data Reporting Incentive Program \(AgDRIP\).](#) Meiselman[%], B., C Weigel[%], PJ Ferraro, M. Masters, K Messer, O. Savchenko, J Suter. 2022. *Environmental and Resource Economics*.
88. [Quantifying Uncertainty about How Interventions are Assigned Would Improve Impact Evaluation in Conservation: A reply to Rasolofson 2022.](#) JPG Jones, M Barnes, J Eklund, PJ Ferraro, J Geldmann, JA Oldekop, J Schleicher. 2022. *Conservation Biology*.
87. [Credibility Crisis in Agricultural Economics.](#) PJ Ferraro, P Shukla[%]. 2023. *Applied Economic Perspectives and Policy* 45(3).
86. [The Choice of Message and Messenger to Drive Behavior Change that Averts the Health Impacts of Wildfires: An online randomized controlled experiment.](#) 2022. Aminpour, P[%], J Helgeson, PJ Ferraro. *BMC Public Health*.
85. [A Story Induces Greater Environmental Contributions than Scientific Information among Political Liberals but not Conservatives.](#) 2021. Byerly, H [corr. auth], PJ Ferraro [corr. auth], T Li, K Messer, C Weigel[%]. *One Earth* 4: P545-552. [Infographic](#)
84. [Conservation Outreach that Acknowledges Human Contributions to Climate Change does not Inhibit Action by U.S. farmers: Evidence from a large randomized controlled trial embedded in a federal program on soil health.](#) 2021. Ferraro, PJ, J Fooks, R Iovanna, J Larson, B Meiselman[%], M. Kecinski, K Messer, M Wilson. *PLoS One*.
83. [Using a Randomized Controlled Trial to Develop Conservation Strategies on Rented Farmlands.](#) 2021. Weigel, C[%], S. Harden, Y Masuda, P Ranjan, C Wardropper, PJ Ferraro, L Prokopy, S Reddy. *Conservation Letters*.
82. [Time and Risk Preferences of Individuals, Married Couples and Unrelated Pairs.](#) 2021. Bernedo, M^{*}, Alpízar, F, PJ Ferraro. *Journal of Behavioral and Experimental Economics*.
81. [Private Costs of Carbon Emissions Abatement by Limiting Beef Consumption and Vehicle Use in the United States.](#) 2022. McFadden, B., PJ Ferraro, K Messer. *PLoS One*.
80. [Applying a “Fail-fast” Approach to Conservation in US Agriculture.](#) 2022. Wardropper, C et al. *Conservation Science and Practice*.

79. [Reducing Demand for Overexploited Wildlife Products: Lessons from systematic reviews from outside conservation science.](#) 2022. MacFarlane, D. M Hurlstone, U Ecker, PJ Ferraro, S van der Linden, A Wan, D Verissimo, G Burgess, F Chen, W Hall, G Hollands, W Sutherland. *Conservation Science and Practice*.
78. [Making More Effective Use of Behavioural Science in Conservation Interventions.](#) 2021. Balmford, A, Bradbury, R. et al. *Biological Conservation*.
77. [Biodiversity Conservation as a Promising Frontier for Behavioural Science.](#) 2021. Nielsen, K. S., Marteau, T. et al. *Nature Human Behaviour*.
76. [Rented Farmland: The Missing Piece of the Nutrient Management Puzzle in the Upper Mississippi River Basin?](#) 2021. Masuda, Y, S Harden, P Ranjan, C Wardropper, C Weigel, PJ Ferraro, S Reddy, L Prokopy. *Journal of Soil and Water Conservation*.
75. [Paying Americans to Take the Vaccine – Would it help or backfire?](#) 2021. Robertson, C, D Scheitrum, A Schaefer, T Malone, B McFadden, PJ Ferraro, K Messer. *Journal of Law and the Biosciences*.
74. [The Problem of Feral Hogs and the Challenges of Providing a Weak-link Public Good.](#) 2021. Ellis, S, M Masters, K Messer, C Weigel, PJ Ferraro. *Applied Economic Perspectives and Policy* 43(3): 985–1002.
73. [Conservation Behavior and Effects of Economic and Environmental Message Frames.](#) 2020. Reddy, S, C Wardropper, C Weigel^o, Y Masuda, S Harden, P Ranjan, J Getson, L Esman, PJ Ferraro, L Prokopy. *Conservation Letters*.
72. [The Environmental Effects of Poverty Programs and the Poverty Effects of Environmental Programs: the missing RCTs.](#) 2020. Alpizar, F, PJ Ferraro [corr auth]. *World Development* 127.
71. [Challenges in Recruiting U.S. Farmers for Policy-Relevant Economic Field Experiments.](#) 2020. Weigel, C^o, LA Paul, PJ Ferraro, KD Messer. *Applied Economic Perspectives and Policy* 42
70. [Aligning Evidence Generation and Use across Health, Development and Environment.](#) 2019. Tallis, H., et al. *Current Opinion on Environmental Sustainability* 39.
69. [The Behavioural Effect of Electronic Home Energy Reports: Evidence from a randomised field trial in the United States.](#) 2019. Henry, M^{*}, PJ Ferraro, A Kontoleon. *Energy Policy* 132: 1256-1261.
68. [A Field Experiment to Estimate the Effects of Anchoring and Framing on Residents' Willingness to Purchase Water Runoff Management Technologies.](#) 2019. Li, T, J Fooks, K Messer, and PJ Ferraro [corr auth]. *Resource and Energy Economics*.

67. [Behavioral and Experimental Agri-environmental Research: Methodological Challenges, Literature Gaps, and Recommendations](#). 2019. Palm-Forster, L, PJ Ferraro, N Janusch, C Vossler, KD Messer. *Environmental and Resource Economics* 73.
66. [Nudging Pro-environmental Behavior: Evidence and opportunities](#). 2018. Byerly, H, A Balmford, PJ Ferraro, W Hammond, E Palchak, S Polasky, T Ricketts, A Schwartz, B Fisher. *Frontiers in Ecology and the Environment*
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United States National Institute of Standards and Technology, *Cost-Effective Resource Allocation Strategies for Community Resilience*, PI, \$80,647, 2022, 2025-2026.

National Science Foundation, *Persistence of Field-scale Sustainable Agricultural Land Use Practices in Large-scale Landscape Evolution: A Data-driven Investigation*, co-PI (PI: J Gao, co-PI: K Messer), \$385,248, 2021-2023.

United States Department of Agriculture, *The Persistence of Cover Cropping in the U.S.*, co-PI (PI: K Messer), \$175,000, 2021-2024.

United States Department of Agriculture, *Center for Behavioral and Experimental Agri-Environmental and Risk Management Research (CBEAR)*, PI (w/K Messer), \$1,000,000, 2019-2024.

United States Department of Agriculture, *Conservation Communication Training Program for NRCS*, PI (Co-PI: M Masters, ASU, K Messer, UD), \$150,000, 2018-2019.

National Science Foundation, *Planning Grant: Engineering Research Center for the Global Environment Nutrient Network (GEN-2)*, Co-PI (PI: S Grant, VATEch; Co-PIs: A Boehm, Stanford, J Gomez-Velez, NMT; L McNair, VATEch), \$100,000, 2018-2019.

The Nature Conservancy, *TNC Post-doctoral Scholar in Behavioral Economics*, PI, \$277,312, 2018-2020.

Evidence in Governance and Politics (EGAP)/UK Department for International Development, *Evidence about common approaches to facilitating climate change adaptation by local institutions in water-scarce regions of Central America*, PI (Co-PIs, F. Alpizar, CATIE; M. Bernedo, UMD), \$291,685, 2017-2019

United States Department of Agriculture, *Understanding Agricultural Water Use Behavior through Randomized Controlled Trials*, Co-PI (PI: M Masters, ASU), \$499,724, 2017-2020 (NCE to 2021)

United States Department of Agriculture, *Behavioral Economics of Time Preferences, Risk Preferences and Agri-environmental Program Participation among U.S. Producers*, PI (Co-PIs: M Bernedo, UMD; K Messer, UDE), \$324,447, 2017-2019 (NCE 2021)

United States Department of Agriculture, *Practice Defaults and Enrollment in the Conservation Reserve Program*, Co-PI (PI: K Messer, UD), \$90,000, 2017-2019 (NCE 2021)

United States Department of Agriculture, *Applying Behavioral Economics to Improve USDA Agricultural Programs: Field Experiments in Nutrient Management and Water Quality Protection*, Co-PI (PI: M Masters, ASU; Co-PI: K Messer, UDE). \$499,386. 2016-2018 (NCE 2019)

United States Department of Agriculture, *Conference on Advancing Behavioral and Experimental Economics Methods and Applications to Sustainable Environmental and Agricultural Management*, Co-PI (PI: L Palm-Forster, UDE; Co-PI: K Messer, UDE, C Vossler, UTN). \$49,945. 2017.

Penn Foundation, *Inducing Behavioral Change among Residents to Improve the Environmental Quality of the Delaware River Watershed: A Behavioral Science Approach*, Co-PI (PI: K Messer, Univ of DE), \$126,000, 2016-2017

United States Department of Agriculture, *USDA Center for Behavioral and Experimental Agri-Environmental Policy Research (C-BEAR)*, PI (with K Messer). \$1,280,000. 2014-2017.

United States Department of Agriculture, *Field Experiments with Program Agencies*, PI, \$20,000. 2014-2016.

National Science Foundation, Dynamics of Coupled Natural and Human Systems (CNH) Program, *Enhancing Resilience of Coastal Ecosystems and Human Communities to Oceanographic Variability: Social and ecological feedbacks*, Co-PI (PI: F. Micheli, Stanford University), \$1,400,000. 2012-2017.

International Development Research Centre, *Agua para consumo humano, comunidades y cambio climático: Impactos esperados y adaptación en América Central*, Co-PI (PI: F. Alpízar, CATIE), \$1,501,770. 2012-2015.

World Wildlife Fund, *Northern Great Plains Ecoregion: incentives and evaluation*. PI, \$46,194. 2008-2010.

United Nations Environment Programme, *Scientific and Technical Advisor Panel*. PI, \$65,628. 2008-2009.

International Initiative for Impact Evaluation, Global Development Network, *The Impact of Energy Efficient Technology on Energy Consumption: a randomized experiment*. Proposal Preparation Grant, \$5,000, Co-PI (PI: K. Andam, World Bank). 2008.

United States Department of Agriculture, *Agricultural Water Policy for Georgia*, PI, \$129,215. 2006-2007.

National Science Foundation, Economics Program, *Private Provisions of Public Goods: Applying Matching Estimators to Evaluate 'Direct Payments' for Tropical Forest Conservation*, Co-PI (PI: E. Sills), \$31,051. 2005-2007.

National Oceanic and Atmospheric Administration (National Marine Fisheries Service). *Evaluating the Effectiveness and Efficiency of Sea Turtle Conservation*, PI, \$54,040, 2004-2006.

United States Department of Agriculture, *Agricultural Water Policy for Georgia*, PI, \$837,429, 2004-2005.

Georgia State University Research Foundation, *Research Instrumentation Grant*, Co-PI (PI: S. Laury), \$46,206, 2004.

Georgia State University Research Foundation, *Dynamics of Repeated Public Goods Games*, PI \$10,000, 2002-2003.

Information about external funding received prior to 2001 available upon request (NY Water Resources Institute, Rainforest Alliance, William Lazar Foundation, Rhode Island Zoological Society, Biodiversity Support Program).

INVITED SPEAKER

2026: Yale University; Foreign, Commonwealth and Development Office (UK)

2025: University of Chicago; University of California-Santa Barbara; Arizona State University; Association of Environmental and Resource Economists Professional Development Panel Series; Economic Policy Issues Colloquium (Johns Hopkins); Carnegie Science.

2024: Wake Forest; Center for Behavioral and Experimental Economics Agri-environmental Research Seminar Series; University of British Columbia.

2023: Bowdoin College; University of British Columbia; Johns Hopkins Congressional Briefing Series (Natural Disasters); EGAP's *Governance Loop* podcast; *Monitoring, Evaluation and Learning Science Workshop*, The Nature Conservancy (keynote); Gordon Conference in Predictive Ecology.

2022: Chesapeake Bay Trust's *Behavior Change in Stewardship Practices: A Virtual Forum on the State of the Science and Water Quality Implications* (keynote); Georgia Tech University; Sawyer Seminar on Precision and Uncertainty in a World of Data; Mannheim Conference on Energy and the Environment (keynote); Inaugural Seminar for the Society for Conservation Biology's *Conservation Impact Evaluation and Implementation Science Seminar Series*; Symposium on Markets & Sustainability (SMS2022), jointly organized by U of Amsterdam, the U of Groningen, Vrije U Amsterdam, Wageningen U and Tinbergen Institute (keynote); [*The*](#)

[Eric J. Hanson Memorial Lecture](#), University of Alberta; *The Atlantic* Festival 2022: Roundtable on Climate; United States Agency for International Development, Environment, Energy, and Infrastructure.

2021: American Psychological Association Workshop *Putting the Science of Persuasion to Good Use*; Georgia State University; 2021 International Conference *Social sciences for pesticide policies* (keynote speaker), INRAE-Paris; Triangle Resource and Environmental Economics Seminar (Duke University, North Carolina State University, RTI International); World Trade Institute's Agile Innovation Series; ARC Centre of Excellence for Coral Reef Studies, James Cook University; University of Wyoming; CBEAR-USDA Economic Research Service 2021 Webinar Series; RARE BE.Hive Summit; Leibniz-Institut für Wirtschaftsforschung (Essen); National Science Foundation Advisory Committee for Environmental Research and Education; Pew Charitable Trusts.

2020: Behavioral Science and Policy Association Annual Meeting (keynote speaker); Cambridge University; London School of Economics; Wageningen University; Tilburg University; Economic Research Service Seminar, US Department of Agriculture; *Nudging for Nature* Workshop, Cambridge Conservation Initiative; Field to Market's Cross-Sector Dialogue *The Human Element* (plenary speaker); JHU Environmental & Energy Systems/Policy Seminar; VU University Amsterdam; U.S. EPA Evidence-based Compliance Assurance Webinar Series (inaugural talk).

2019: Opening Talk at the US Forest Service Workshop on *Behavioral Economics Applications in Forest Service Research*; *Nature Sustainability* Panel on Behavioral Science and Engineering Design; LEEP International Excellence in Environmental and Resource Economics, University of Exeter (plenary speaker); "Looking Forward" Forests and Livelihoods: Assessment, Research, and Engagement (FLARE) Annual Conference, University of Michigan (plenary panelist); Annual Meeting of the Research Network on Economic Experiments for the Common Agricultural Policy, Osnabück, Germany (keynote speaker); Annual Environmental and Natural Resource Conservation Workshop, Center for Environmental Economics (CNRS, SupAgro, INRA, University of Montpellier), Montpellier, France (keynote speaker); Workshop on "Evidence-Based Policy: From Rhetoric to Reality," Evidence-based Policy Commission; Johns Hopkins University Bay Area Alumni Gathering; Food Systems Symposium, Alliance for a Healthier World; Howard H. Baker Jr. Center's Distinguished Energy & Environmental Lecture, University of Tennessee; Edwin Way Teale Nature & Environment Lecture, University of Connecticut.

2018: National Academy of Sciences Sackler Colloquium on Economics, Environment and Sustainable Development; Inter-American Development Bank, Inaugural Speaker at Environmental and Natural Resources Research Seminar Series; The Nature Conservancy, Global Science Seminar; University of Minnesota, Department of Applied Economics;

University of Minnesota, Department of Ecology and Evolutionary Biology; US Department of Agriculture, Economic Research Group; The World Bank, Environment and Natural Resources Global Practice Group; The Urban Ecology Collaborative; RWI Research Network Workshop on Deforestation and Energy Access (keynote speaker); Annual Conference of the Danish Environmental Economic Council (keynote speaker); 20th Annual BIOECON Conference (keynote speaker).

2017: Harvard University, University of Maryland, and University of Virginia's Workshop on Evaluating Innovative Approaches to Foster Environmental Compliance; International Network for Environmental Compliance and Enforcement's Workshop on Performance Measurement in Environmental Compliance and Enforcement; Engineers without Borders, Johns Hopkins University; Earth and Planetary Sciences, Johns Hopkins University; National Socio-environmental Synthesis Center (SESYNC); Kinship Foundation; Environmental Council of the States (ECOS) & the U.S. EPA Office of Enforcement and Compliance Assurance (OECA); National Socio-environmental Synthesis Center (SESYNC)'s Cross-disciplinary Workshop on Causality; Scientific and Technical Advisory Committee, Chesapeake Bay Program.

2016: The Charles Jenner Memorial Lectureship, University of North Carolina-Chapel Hill; Institute Seminar in Political Economy, Johns Hopkins University; IGERT, Johns Hopkins University; Energy Systems and Policy Seminar, Johns Hopkins University; Inter-American Development Bank; U.S. Department of Agriculture; Board of Directors, National Association of Conservation Districts; University of Cambridge; University of Maryland; Resources for the Future; Baltimore School of the Arts; Behavioral Exchange 2016; NCEE, U.S. Environmental Protection Agency (2x); Princeton University.

2015: University of Florida; University of Queensland; University of Tennessee; Abel Wolman Lecture, Johns Hopkins University; University of Vermont; National Socio-Environmental Synthesis Center (SESYNC); AidData Workshop on Conservation Impacts of Foreign Aid; U.S. Department of Housing and Urban Development; AAEA Workshop on Applying Behavioral and Experimental Economics to Food and Agri-Environmental Issues (keynote speaker); University of Georgia's 2nd Annual Sustainability Science Symposium (keynote speaker); Cambridge University Conference on Conservation Science (keynote speaker); Australian Conference of Economists (keynote speaker).

2014: World Congress of Environmental and Resource Economists (invited panelist on field experiments with government agencies); Kinship Conservation Fellows Program; Johns Hopkins University; Bren School of Environmental Science & Management, UC-Santa Barbara; Voluntary Conservation under the ESA (invited panelist), Duke University; University of Michigan.

2013: Consultative Group on Biological Diversity; Oregon State University; Centro Agronómico Tropical de Investigación y Enseñanza; University of Wyoming; US

Environmental Protection Agency; Purdue University; L'Institut de Ciència i Tecnologia Ambientals (keynote speaker); US Agency for International Development, Sustainable Conservation Approaches in Priority Ecosystems network (keynote speaker); American Evaluation Association (Invited Plenary Speaker).

2012: Centro Agronómico Tropical de Investigación y Enseñanza; La Selva Biological Station, Organization for Tropical Studies; Odum School of Ecology, University of Georgia; Toulouse School of Economics; Resources for the Future; Environment for Development network (keynote speaker); World Agroforestry Centre (keynote speaker, Science Week).

2011: University of North Carolina-Chapel Hill; Cornell University; Global Environment Facility; Inter-American Development Bank (Rural Development Division and Environment Division); Centro Agronómico Tropical de Investigación y Enseñanza; University of Michigan; Stanford University; Inter-American Development Bank (Climate Change Division); London School of Economics (keynote speaker).

2010: Cornell University; Center for International Forestry Research; University of California-Davis, Dept of Agricultural and Resource Economics; University of California-Davis, Dept of Environmental Science and Policy; Invited Panel, Tough Questions for Free Market Environmentalism at the Property and Environment Research Center; University of North Carolina-Chapel Hill, Curriculum in Ecology and Environment; Duke University; University of North Carolina-Chapel Hill, Department of Public Policy; University of Illinois, Champaign-Urbana (keynote speaker); Global Environment Facility/World Bank; North Carolina State University

2009: Yale University; Fundación Cordillera Tropical (Ecuador); Global Environment Facility; Lincoln Institute of Land Policy; University of Florida; World Bank; International Fund for Agricultural Development; Annual Environmental Evaluator's Forum; University of Copenhagen; Global Environment Facility Council; Organization of Tropical Studies

2008: Environmental Protection Agency Expert Panel on Evaluating Partnership Programs; Moore Foundation Workshop on Economics and Conservation; University of Georgia, Warnell School Seminar Series; United Nations Environment Programme; World Bank Independent Evaluation Group/NORAD Evaluation Department Workshop on Evaluating REDD; University of Cambridge Global Assessment Workshop of 100 Questions of Greatest Importance to Conservation Policy and Practice; Georgia Water Wise Council; World Wildlife Fund Conservation Science Program Seminar Series; World Wildlife Fund Northern Great Plains Seminar Series

2007: Scientific Workshop on Payments/Rewards for Environmental Services; Bellagio Workshop on Payments for Watershed Services; University of Minnesota; Georgia State University, Nonprofit Group Seminar Series; Georgia State University, Child Policy Seminar

Series; Annual Environmental Evaluator's Forum, Environmental Protection Agency; Virginia Tech; Harvard University, Frontiers in Sustainable Development Speaker Series

2006: Valuing Wild Nature Workshop (co-sponsored by English Nature and Royal Society for the Protection of Birds); US Agency for International Development's International Symposium on Biodiversity Conservation in Agriculture; World Wildlife Fund; Conservation International (two presentations); Kinship Conservation Fellows Symposium (Kinship Foundation); Joint Committee Meeting of the Georgia Senate Natural Resources and the Environment Committee and the Georgia Senate Agriculture and Consumer Affairs Committee; Duke University, NC State University, University of North Carolina and RTI International; Duke University, Nicholas Institute; University of California-Santa Barbara, Bren School of Environmental Studies; Scripps Institute for Oceanographic Research/University of California-San Diego; Evaluation Office, The Global Environment Facility

2005: Workshop on Payments for Environmental Services (PES) – Methods and design in developing and developed countries; Southwest Fisheries Science Center, U.S. National Marine Fisheries Service; Scripps Institute for Oceanographic Research/University of California-San Diego

2004: Emory University; Davidson College

2002: North Carolina State University; Emory University

2001: Resources for the Future; The Nature Conservancy; World Wildlife Fund

PRESENTATIONS AT PROFESSIONAL CONFERENCES (2000-present)

2025: American Economic Association

2023: International Congress for Conservation Biology

2021: American Economic Association; Agricultural and Applied Economics Association; Ecological Society of America

2020: Association of Policy Analysis and Management; Association of Environmental and Resource Economists Annual Summer Conference

2019: Conference Workshop: Best Practices for Addressing the Replicability Crisis in Agricultural and Applied Economics, AAEA Annual Meeting

2017: Advances with Field Experiments, University of Chicago

2016: American Economic Association; Association of Environmental and Resource Economists; Advances with Field Experiments, University of Chicago; ACES (A Community on Ecosystem Services)

2014: World Congress of Environmental and Resource Economists; North American Congress for Conservation Biology

2013: Association of Environmental and Resource Economists Annual Summer Conference; International Congress for Conservation Biology; Association of Public Policy Analysis and Management

2012: North American Congress for Conservation Biology; Association for Public Policy Analysis and Management

2011: American Economic Association; Association of Environmental and Resource Economists Annual Summer Conference; Environmental Evaluators Network Forum; Southern Economics Association; Association for Public Policy Analysis and Management

2010: American Economic Association; Georgia Association of Water Professionals

2009: American Economic Association

2007: American Economic Association Annual; Association of Environmental and Resource Economists Conference on Valuation and Incentives for Ecosystem Services; American Agricultural Economics Association

2006: Society for Conservation Biology (two presentations); Economic Science Association; CAMP Resources Conference

2005: Annual Symposium on Sea Turtle Biology and Conservation; Conference on Experimental Public Economics; Experimental Economics and Public Policy; Association of Environmental and Resource Economists Conference on Natural Resources at Risk

2004: Annual CAMP Resources Conference; Economic Science Association, North American Regional Meeting; Southern Economics Association Annual Meeting;

2003: Rural Livelihoods, Forests and Biodiversity (co-sponsored by the Center for International Forestry Research (CIFOR), Germany's Ministry of Economic Cooperation and Development (BMZ), the German Foundation for International Development (DSE) and Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)); Economic Science Association, International Meeting (two presentations); Southern Economics Association Annual Meeting (three presentations); Conference on International Financing of Biodiversity Conservation in Developing Countries

2002: World Congress of Environmental and Resource Economists (two presentations); Land Use Policy Conference (sponsored by the Northeastern Agricultural and Resource Economics Association); Healthy Ecosystems, Healthy People: Linkages between Biodiversity, Ecosystem Health and Human Health; Society for Conservation Biology Annual Meeting; Southern Economics Association Annual Meeting

2001: Northeastern Agricultural and Resource Economics Association; Southern Economics Association; Potencialidades de los sistemas silvo-pastoriles para la generación de servicios ambientales

2000: Economic Science Association; International Association for the Study of Common Property Annual Meeting

SUPERVISION OF DISSERTATIONS AND MASTERS THESES

Post-Doctoral Supervisor

Hannah Correia, 2022-2025. Currently: University of North Dakota

Paul Feldman, 2019-2022. Currently: Texas A&M

Pallavi Shukla, 2019-2022. Currently: Deakin University

Ben Meiselman, 2017-2020 Currently: Office of Tax Analysis, US Dept of Treasury

Collin Weigel, 2016-2020 Currently: California Air Resources Board

James Fan, 2017-2018 Currently: RAND

Post-Doctoral Academic Mentor

Nathan Brugnone, NIST PREP Associate, 2025-2026

Steven Gray, NIST PREP Associate, 2025-2026

Yalda Saadat, NIST PREP Research Scientist, 2024-2025. Currently: NIST

Alizabeth Sanchez-Lopez, NIST PREP Postdoctoral Fellow, 2021-2025. Currently: Universidad del Turabo

Payam Aminpour, NIST PREP Postdoctoral Fellow, 2021-2022. Currently: Thermo Fisher Scientific

Kaitlin Kimmel, Glenadore & Howard L. Pim Postdoctoral Fellow, 2020-2021. Currently: University of Colorado

Annalise Blum, Glenadore & Howard L. Pim Postdoctoral Fellow, 2017-2019. Currently: Public Policy Institute of California

Diogo Verissimo, David H. Smith Conservation Research Fellow, 2014-2017. Currently: University of Oxford

Joe Maher, National Socio-environmental Synthesis (SYSENC) Fellow, 2016-2017.

Doctoral Thesis Committee Chair

Essays on Human Behavior, Engineering and the Environment, Marisa Henry. Awarded a Lee and Albert H. Halff Doctoral Award and Natalie M. Lorenz Givans Fellowship. Currently: Data Scientist, Transit.

Essays on Institutions and the Environment, Rhita Simorangkir, December 2017. Currently: Conservation Impact Scientist, The Nature Conservancy.

Essays on Behavior, Experimental Designs and the Environment, Dustin Tracy, December 2017. Currently: Assistant Professor, Augusta University.

Essays on Behavioral, Development and Urban Economics, Maria Bernedo, May 2016.

Currently: Associate Professor, Department of Economics, University of Maryland-Baltimore County

Essays on Experimental and Quasi-experimental Policy Design and Evaluation. Juan Jose Miranda Montero, August 2012. Awarded a University Fellow award. Currently: Senior Environmental Economist, World Bank.

Essays on the Evaluation of Environmental Programs. Merlin Hanauer, May 2011. Dissertation was awarded a GSU Dissertation Grant. Awarded two Outstanding Graduate Student Teaching Awards and the Blinksilver Award for Excellence in Economics. Currently: Professor, Sonoma State University.

Essays on the Evaluation of Land Use Policy: The Effects of Regulatory Protection on Land Use and Social Welfare, Kwaw Andam (PhD Public Policy). May 2008. Dissertation was awarded a GSU Dissertation Grant, the Resources for the Future Joseph L. Fisher Fellow award, and the Southeast Evaluation Association Graduate Award. Currently: Country Program Leader, International Food Policy Research Institute (IFPRI).

The Effect of Penalty Severity on Compliance Behavior, Vid Adrison. December 2007.

Currently: Faculty of Economics, University of Indonesia, Jakarta, Indonesia.

Voluntary Approaches to Environmental Protection, Toshihiro Uchida. August 2004.

Dissertation was awarded a GSU Dissertation Grant, the Resources for the Future Joseph L. Fisher Fellow award, and the Southern Economics Association Graduate Award. Currently: Professor, School of Economics, Chukyo University, Japan.

Doctoral Thesis Committee Member

Committee member on over three dozen dissertations (Georgia State University, Georgia Tech, James Cook University, Johns Hopkins University, Macquarie University, Michigan State University, Rhodes University, London School of Economics, Toulouse School of Economics, University of Illinois-Champaign-Urbana, University of Michigan, Université de Montpellier, University of Queensland, and Wageningen University in departments of Biology, Economics, Civil Engineering, Environmental Engineering, Environmental Sciences, Natural Resources, Public Policy). Committee Reader or External Reviewer on over a dozen dissertation committees.

Masters and Undergraduate Thesis Advisor

Advisor on over three dozen theses or masters' projects in economics, public health, and engineering (MA, MS, ScM, MHS, MEM).

SERVICE ACTIVITIES INTERNAL TO THE UNIVERSITY

Co-director, PhD Track in Environmental Sustainability, Resilience and Health, 2022-present; Member, Chair of Department of Environmental Health and Engineering Search Committee, 2024-present; Co-chair, Bloomberg Distinguished Professor Cluster Search Committee for "Sustainable Energy Transformations Cluster", 2022-present; Member, Faculty Search

Committee for AI in Environmental Health & Engineering, 2025-present; Member, Board of Trustees Public Interest Investment Advisory Committee (Divestment Decisions), 2017-present; Member, Innovation Fund for Community-Academic Partnerships selection reviewer, 2026; Chair, Ad Hoc University Tenure Committee, School of Government & Whiting School of Engineering, 2024-2025; Member, EHE Education Program Committee, 2023-present; Member, Academic Board (and Appointment, Promotion and Tenure Committee), Carey Business School, 2020-2024; Member, Whiting School of Engineering Faculty Senate, 2021-2023; Chair, Ad Hoc University Tenure Committee, Whiting School of Engineering, 2022-2023; Member, Chaired Professorships Evaluation Committee, Carey Business School, 2020-2023; Member, Vice-Dean of Faculty and Research Search Committee, Carey Business School, 2022; Member, Faculty Affairs Committee Department of Environmental Health and Engineering, 2017-2022; Member, Johns Hopkins Sustainability Leadership Council, 2019-2025 (Research Ambassador for “Sustainable Ecosystems & Resource Use”); Member, Senior Faculty Advisory and Evaluation Committee, Carey Business School, 2015-present; Member, Chair of Health Policy & Management Search Committee, 2021-2022; Member, President's Frontier Award Selection Committee, 2016-2019; Member, Nexus Award Selection Committee, 2023, 2025; Chair, Econ Post-doc Search Committee, Carey Business School, 2021-2022; Member, PhD Admissions Committee, EHE, 2016-2019; Member, Catalyst and Discovery Award Selection Committee, 2015-2022; Chair, Econ Faculty Search Committee, Carey Business School, 2019-2020; Chair, Econ Post-doc Search Committee, Carey Business School, 2019-2020, 2021-2022; Member, Carey Business School Dean Search Committee, 2019; Member, Ad Hoc University Tenure Committee, Whiting School of Engineering, 2018-2019; Member, Internal Review Committee (Center for Leadership Education), 2018; Member, Johns Hopkins Center of Leadership Education External Review Committee, 2018; Co-chair, Faculty Classification Revision Committee, 2016-2018; Member, School Internal Research Grant Committee, 2016-2023; Member, Departmental Student Awards Committee, 2016-2018; Member, Bloomberg School Evidence Workgroup, 2016-2020; Member, Faculty Recruiting Committee, Finance, 2016-18; Member, PhD Fellowship Committee, 2016-2020; Chair, Faculty Recruiting Committee, Economics (Assoc/Full Prof), 2014-15; Member, University Promotion and Tenure Advisory Panel, 2013-2015; Member, Faculty Recruiting Committee, School of Public Health (Assoc/Full Prof), 2014-15; Member, Faculty Member, PhD Graduate Admission Committee, Public Policy, 2010-2015; Member, Department of Economics' Undergraduate Program Committee, 2004-2015; Member, Associate Professor Evaluation Committee, 2013-2015; Chair, Faculty Recruiting Committee, Economics (Assistant Professor), 2013-14; Chair, Introduction to Economics Textbook Committee, 2013-14; Co-chair, Faculty Recruiting Committee, Criminology/Criminal Justice (Assoc/Full Professor), 2012-2013; Member, Selection Committee for 2012 Georgia State University Award for Global Engagement; Member, Department of Economics' Educational Policy Committees (Vice-Chair of Committee for Environmental, Urban and Regional Economics; Economic Development; Experimental), 2001-2015; Member, Andrew Young School of

Policy Studies Management Committee, 2010-2012; Member, Andrew Young School of Policy Studies' Dean Search Committee, 2010; Member, Provost's Committee to Evaluate University's Second Century Initiative Proposals, 2010, 2011; Co-chair, Faculty Recruiting Committee, Performance Management/Program Evaluation (Assoc/Full Professor), 2010-2012; Co-chair, Faculty Recruiting Committee, Education Policy (Full Professor), 2010-2011; Chair, Faculty Recruiting Committee, Policy Field Experiments (Assoc Professor), 2010-2012; Co-Chair, Focal Area of Excellence in Evidence-based Policy and Public Performance Management, 2009 (*co-wrote successful proposal for center of excellence in evidence-based policy*); Member, Ad Hoc Tenure Standards Review Committee, 2009; Member, Andrew Young School Dean Search Committee, 2008-2009; Member, Faculty Recruiting Committee, Econometrics (Assoc/Full Professor), 2008-2009; Member, Department of Economics Chairperson Selection Committee, 2009; Chair, Andrew Young School Ad Hoc Environmental Action Committee, 2008; Member, Andrew Young School of Policy Studies' Advisory Committee for Visiting Faculty program, 2008-2011; Member, Department of Economics Assistant Professor Performance Evaluation Committee, 2008; Member, GSU Senate Cultural Diversity Committee, 2004-2007; Member, GSU Senate Administrative and Support Unit Review Committee, 2004-2005; Member, GSU Senate Cultural Diversity Subcommittee, African-American Male Initiative, 2004-2007; Member, Search Committee for the Noah Langdale Chaired Professorship in the Department of Economics, 2004-2005; Member, Faculty Recruiting Committee, Environmental Economics (Asst/Assoc Professor), 2007-2008; Member, Faculty Recruiting Committee, Environmental Economics (Asst/Assoc Professor), 2005-2006; Member, Faculty Recruiting Committee, Environmental and Experimental Economics (Asst Professor), 2001-2002; Member, Faculty Recruiting Committee, Environmental and Experimental Economics (Assoc Research Professor), 2001-2002; Faculty Advisor, GSU Economics Club, 2004-2007; Faculty Advisor, GSU chapter of the Omicron Delta Epsilon Honors Society, 2004-2011; Coordinator, Department of Economics seminar series scheduling, 2003-2011; Department Liaison, Institutional Review Board protocols, 2007-2012. Department Captain, State Charitable Contributions Campaign, 2003 (97% participation rate); Third-Year Student Best Paper Panel, 2011; Mock Graduate Student Interviews, 2002-present); Annual Graduate Seminar on Giving a Good Presentation, 2009-2015; Received university support to run a randomized experiment to test the effectiveness of early intervention and strength-based advising in improving undergraduate retention, progression and graduation in the Andrew Young School of Policy Studies, 2006-2008.

SERVICE ACTIVITIES IN ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Advisory Boards

Member, U.S. EPA Evidence-Based Compliance Assurance Working Group, 2021 – 2023; Member, Scientific and Technical Advisory Committee, Bluewater Baltimore, 2017-2024; Scientific Advisory Board, Experimental Evidence on Public Policies to Improve Environmental Performance of Latin American and Caribbean Firms, Interamerican Development Bank, 2021-present; Member, Scientific Committee, Community of Practice,

Forests and Livelihoods: Assessment, Research, and Engagement (FLARE) network, 2015 – present; Selection Committee, Best Paper Prize of the Association of Behavioral Economics and Finance (ABEF), 2019; Member, Scientific and Technical Advisory Member, Behavioral Science and Policy Association Working Group on Energy & Environment, 2016-17; Behavioral Science and Policy Association Leadership Council, 2017-18; Member, Atlanta Regional Commission Technical Advisory Group, 2009; Member, Advisory Group, Collaboration for Environmental Evidence, 2009 – 2023; Member, Conservation Strategy Fund, 2009-2023; Member, Board of Directors, Association of Environmental and Resource Economists, 2010-2012; Member, Center for the Management of Ecological Wealth, Resources for the Future, 2012-2016; Member, Nomination Committee, Association of Environmental and Resource Economists, 2016-present; Member, Scientific and Technical Advisory Panel - Global Environment Facility (GEF)/United Nations Environmental Programme, 2006– 2009.

Program Committees

Co-organizer and co-host, Conservation Impact Evaluation and Implementation Science Virtual [Seminar Series](#), 2022-2023. Co-organizer and co-host, US EPA & EPIC 10-part [Webinar Series](#) *Evidence-based Compliance Assurance*, 2020-21; Co-organizer, CBEAR [Virtual Seminar Series](#), 2021-present; Co-organizer and moderator, Workshop, Best Practices for Addressing the Replicability Crisis in Agricultural and Applied Economics, AAEE Annual Meeting, 2019; Reviewer, Annual Conference of Association of Environmental and Resource Economists, 2018-2022; Co-organizer, Conference on Behavioral & Experimental Agri-Environmental Research: Methodological Advancements & Applications to Policy, 2017; Organizer, Symposium *Causal Effects and Mechanisms of Protected Areas on Poverty*, North American Congress for Conservation Biology, 2012; Inaugural Summer Conference of the Association of Environmental and Resource Economists, 2011; Organizer, Workshop *Measuring the performance of protected area systems: challenges and opportunities*, Global Environment Facility, 2010; Member, Program Advisory Group, Second Annual Environmental Evaluator's Networking Forum, 2007; Program Committee, Society for Conservation Biology Annual Meeting, 2006; Co-organizer, Symposium *How Do We Know It's Working? State-of-the-Art in Program Evaluation and Implications for Conservation Science and Policy*; Member, Organizing and Host Committee for 2006 International Meetings of the Economic Science Association, 2006; Co-organizer and co-host, Symposium *Direct Payments as an Alternative Conservation Investment*, International Congress for Conservation Biology, 2002.

Chair of Program Sessions

Organizer/Chair, *Persistence of Behavioral Changes in the Environmental Context*, Agricultural & Applied Economics Association, 2021; Chair, *Globally Important Conservation Policy Questions*, University of Cambridge Assessment of 100 Questions of Greatest Importance to Conservation Policy and Practice, 2008; Chair, *Corporate*

Environmental Behavior, American Agricultural Economics Association, 2007; Chair, *Environmental Sociology*, Society for Conservation Biology Annual Meeting, 2006; Organizer/Chair, *Learning and Group Dynamics*, Southern Economic Association Annual Meeting, 2004; Organizer/Chair, *Experimental Analyses of Inter-Ethnic and Inter-Racial Effects on Economic Behavior*, Southern Economic Association Annual Meeting, 2003

Panelist/Discussant/Mentor Programs

Panelist, Food, Poverty and Sustainability, Sustainability of Hope, Notre Dame University, 2026; Panelist, Strategic Impact Evaluation and Learning (SIEL) Initiative, UK Foreign, Commonwealth & Development Office (FCDO), 2026; Mentor, Society for Conservation Biology's Impact Evaluation Working Group Mentoring Program, 2023-present; Panelist, Chesapeake Bay Trust, 2022; Panelist, Sawyer Seminar For the Sake of the Climate: Meditations on Retooling the Economy, 2022; Discussant, Session on Field experiments in Agriculture and the Environment, Agricultural & Applied Economics Association, 2021; Panelist, National Park Service Teton Behavioral Group, 2021; Panelist, Datacolada seminar series, 2021; Panelist, National Science Foundation Advisory Committee for Environmental Research and Education, 2021; Member, Nature Sustainability Expert Panel on Behavioral Science for Design, 2019; Invited Panelist, Princeton E-Affiliates, Energy, Behavior and Climate Change, 2016; Discussant, American Economic Association, 2015; Discussant, Association for Public Policy Analysis and Management, 2012; Invited Panelist, Managing the Chesapeake Bay and its Complexity, Environmental Evaluators Network Forum, 2011; Invited Panelist, Combining Environmental and Development Goals: strategies for moving forward, Joint Panel of American Economic Association/Association of Environmental & Resource Economists, 2010; Invited Panelist, Environmental Protection Agency Expert Panel on Evaluating Partnership Programs, 2008; Invited Panelist, World Bank Independent Evaluation Group/NORAD Evaluation Department Workshop on Evaluating REDD, 2008; Invited Panelist, Workshop on Payments for Watershed Services: building on pilot experiences to mainstream a tool for sustainable conservation and development, 2007; Discussant, American Agricultural Economics Association Annual Meeting, 2007; Invited Panelist, Kinship Conservation Fellows Symposium, 2006; Invited Panelist, NIH Fogarty International Cooperative Biodiversity Group (ICBG), 2005; Discussant, Conference on Experimental Public Economics, 2005; Discussant, Southern Economic Association Annual Meeting, 2004 (2x); Discussant, Workshop on International Financing of Biodiversity Conservation in Developing Countries, 2003; Invited Panelist, National Academy of Sciences and the U. S. National Committee of the International Union of Biological Sciences (IUBS) Workshop on Human Dimensions of Biodiversity, 2003; Discussant, Southern Economic Association Annual Meeting, 2003; Discussant, Southern Economics Association Meetings, 2002; Invited Panelist, Workshop on Integrated Ecosystem Management and Incentives for Biodiversity Conservation in Africa, 2002; Discussant, Annual Meetings of the Southern Economics Association, 2001; Discussant, AERE Workshop Assessing and Managing Environmental and Public Health Risks, 2001; Discussant, Economic Science Association International Meetings, 2000.

Referee and Editing

National Science Foundation; National Institute of Health; Association of Environmental and Resource Economists Annual Conference Proposal Review Committee; Branco Weiss Fellowship (ETZ); BRIDGE Collaborative; Cambridge Conservation Initiative; Center for International Forestry Research; David H. Smith Conservation Research Fellowship; Ecosystem Services for Poverty Alleviation Fellow Program; Edward Elgar Publishing House; Global Environment Facility; U.S. Environmental Protection Agency, Office of Program Evaluation; Food and Agriculture Organization; Georgia Tech Water Resources Institute; United Nations Environment Programme; Blackwell Publishing; Island Press; Oxford University Press; Palgrave MacMillan Press; Routledge Press; Economy and Environment Program for Southeast Asia; Social Sciences and Humanities Research Council of Canada; Millennium Ecosystem Assessment; United States Department of Agriculture; Conservation International; Echoing Green Foundation; Land and Water Australia; Latin American and Caribbean Environmental Economics Program; Le Fonds Français pour l'Environnement Mondial; South Asian Network for Development and Environmental Economics; World Wildlife Fund Kathryn Fuller Science for Nature Fund Fellowship Program; University of Wyoming Agricultural Experiment Station; International Initiative for Impact Evaluation (3ie; referee and external advisor); *Agricultural and Resource Economics Review*; *Agroforestry Systems*; *American Economic Journal: Applied*; *American Economic Journal: Economic Policy*; *American Economic Review*; *American Journal of Agricultural Economics*; *Behavioral Science & Policy*; *Biodiversity and Conservation*; *Biological Conservation*; *Bioscience*; *BMC Biology*; *Conservation Biology*; *Conservation Letters*; *Conservation Science & Practice*; *Ecological Economics*; *Ecology Letters*; *Ecology and Society*; *Economic Journal*; *Economic Inquiry*; *Economics Bulletin*; *Energy Policy*; *Environment and Development Economics*; *Environmental and Resource Economics*; *Environmental Conservation*; *Environmental Economics and Policy Studies*; *Environmental Evidence*; *Environmental Management*; *Environmental Research Letters*; *European Review of Agricultural Economics*; *Experimental Economics*; *Food Policy*; *Forest Policy and Economics*; *Forest Science*; *Frontiers in Ecology and the Environment*; *Frontiers in Sustainable Food Systems*; *The Geographical Journal*; *Global Environmental Change*; *International Review of Environmental and Resource Economics*; *IEEE Transactions on Computers*; *Journal of the Association of Environmental and Resource Economists*; *Journal of Cultural Economics*; *Journal of Development Effectiveness*; *Journal of Economic Behavior and Organization*; *Journal of Economic Psychology*; *Journal of Economic Surveys*; *Journal of Environment*; *Journal of Environmental Management*; *Journal of Environmental Economics and Management*; *Journal of Forestry Economics*; *Journal of Policy Analysis and Management*; *Journal of Political Economy*; *Journal of Public Economics*; *Journal of Soil and Water Conservation*; *Journal of Wildlife Management*; *Land Economics*; *Land Use Policy*; *Management Science*; *Nature*; *Nature Communications*; *Nature Energy*; *Nature Sustainability*; *Natural Resource Modeling*; *Oxford Encyclopedia of Environmental Economics*; *Oryx - The International Journal of Conservation*; *Philosophical Transactions of*

the Royal Society B, PLoS Biology; PLoS One; PNAS Nexus; Proceedings of the National Academy of Sciences; Public Finance Review; Resource and Energy Economics; Review of Agricultural Economics; The Review of Economics and Statistics; Review of Environmental Economics and Policy; Science Advances; Science; Social Science Quarterly; Society and Natural Resources; Southern Economic Journal; Water Economics and Policy; Water Resources Research; World Development.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

American Association for the Advancement of Science; American Economic Association; Ecological Society of America; American Geophysical Union; Association of Environmental and Resource Economists; American Agricultural & Applied Economics Association; Economic Science Association; European Association of Environmental and Resource Economists; INFORMS; Society for Causal Inference; Society for Conservation Biology; Society for Open, Reliable, and Transparent Ecology and Evolutionary Biology; Soil & Water Conservation Society.

LANGUAGES AND INTERNATIONAL WORK EXPERIENCE

Intelligible (but not pretty) French, Malagasy and Spanish. Worked in: Australia, Costa Rica, Ecuador, Madagascar, Mexico, Tanzania, Ukraine, United States, Zaïre (Congo), Zambia.

MEDIA

Interviewed by or research profiled by National Public Radio (2002, 2007, 2011), PRI-BBC *The World*, *The New York Times* (2006, 2007, 2017), *Los Angeles Times*, *Bloomberg View*, *Bloomberg News*, *Bloomberg Radio*, *New York Times Magazine*, *Nature* (2002, 2009, 2010), *The Guardian* (2018, 2020, 2022), *Science* (2010, 2022, 2023, 2025), *New Scientist* (2005, 2007, 2020), *The Economist*, *Newsweek, Inc.*, *Politico*, *Scientific American*, *CBS Moneywatch*, *Science News* (2010, 2020), *Thomson Reuters*, *Governance Loop* (podcast), *Eos Magazine*, *Inside Climate News*, *VICE*, *eJewishPhilanthropy*, *Huffington Post*, *Anything But Dismal* video series, *Atlanta Journal Constitution*, *PLoS Biology*, *Baltimore Business Journal*, *Newsday*, *Sydney Morning Herald*, *CJAD 800-Montreal*, *SciDev.net* (2002, 2010, 2014, 2015), *Science Newsline*, *Johns Hopkins Health Review*, *The Conversation*, *Anthropocene Magazine*, *Le Devoir*, *Conservation*, *Circle of Blue*, *World Conservation Magazine*, *Mother Jones*, *Ethical Corporation*, *Ecosystem Marketplace*, *Houston Daily Journal*, 南方周末 (*Southern Weekly*), *KCBS News Radio* (San Francisco), *Revista Galileu*, *Gadget*, *Greenbiz*, *Greenwire news*, *Inside Higher Ed*, *The Australian Broadcasting Corporation*, *de Volkskrant* (Dutch newspaper), *Vista Verde News – Natur & Tiere*, *International Ecotourism Monthly*, *Environmental Research Web* (2008, 2010), *Mongabay* (2014, 2017), *Nature World News*, *Science20*, *Science Newsline*, *RedOrbit*, *Georgia State Magazine* (2003, 2006, 2009), *Nachrichten aus der Wissenschaft – Aktuelles aus Forschung und Technik*, *Sustainable Development Update*, *The Signal*, *Tangents*, *WRES* (Boston), *WRAS* (Atlanta), *Technology.org* and *Radioline*.

LOCAL COMMUNITY

Decatur Education Foundation/City of Decatur Schools Volunteer of the Year Award, 2011;
Phoenix School Volunteer of the Year Award, 2007; Member and Chair, Charter System
School Leadership Team (Winnona Park Elementary School; Renfroe Middle School), 2008-
2012, 2014-2015.