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EDUCATION

Ph.D. Cornell University Ithaca, New York, 2003
Dyson School of Applied Economics & Management
Major Field: Resource Economics
Minor Fields: Environmental Economics, Applied Economics

M.S. University of Michigan Ann Arbor, Michigan, 1999
School of Natural Resources & Environment
Major Field: Resource Policy & Behavior
Concentration: Conservation Biology & Ecosystem Management

B.A. Grinnell College Grinnell, Iowa, 1994
Major: Anthropology

PROFESSIONAL EXPERIENCE

S. Hallock du Pont Professor of Applied Economics, Department of Applied Economics & Statistics, University of Delaware. Professor (2015-present); Unidel Howard Cosgrove Career Development Chair in Environment (2013-2018); Associate Professor (2011–2015); Assistant Professor (2007–2011); joint appointments:

- Department of Economics in the Lerner College of Business & Economics
- School of Marine Science and Policy in the College of Earth, Ocean & Environment.

Director (founding), Center for Experimental & Applied Economics, University of Delaware (2007–present)

Co-Director (founding), USDA Center for Behavioral & Experimental Agri-Environmental Research (CBEAR) (2014-present)

- USDA Center for Excellence – 2016, 2019

Associate Editor, *American Journal of Agricultural Economics* (2018-present)

Editor, *Agricultural and Resource Economics Review* (2012–2014)

Co-Director and Research Associate, Laboratory for Experimental Economics & Decision Research, Dyson School of Applied Economics & Management, Cornell University (2003–2007)

Executive Director (founding), Bluff Lake Nature Center, Denver, Colorado (1994–1997)

AREAS OF RESEARCH

- Agri-Environmental Policy
- Consumer Response to Risk
- Behavioral and Experimental Economics

TEXT BOOKS

- 1) Messer, K.D. and W.A. Allen. 2018. The Science of Strategic Conservation: Protecting More with Less. Cambridge University Press, Cambridge, England.
- 2) Kaiser, H.M. and K.D. Messer. 2011. Mathematical Programming for Agricultural, Environmental and Resource Economics. John Wiley and Sons, Hoboken, New Jersey.

PEER-REVIEWED PUBLICATIONS

- 1) Savchenko, O.M., T. Li, M. Kecinski, and Kent D. Messer. *Forthcoming*. “Does Food Processing Mitigate Consumers’ Concerns about Crops Grown with Recycled Water?” *Food Policy*.
- 2) Li, T., J.R. Fooks, K.D. Messer, and P.J. Ferraro. *Forthcoming*. “A Field Experiment to Estimate the Effects of Anchoring and Framing on Residents’ Willingness to Purchase Water Runoff Management Technologies.” *Resource and Energy Economics*.
- 3) Wu, S, L.H. Palm-Forster, and K.D. Messer. *Forthcoming*. “Impact of Peer Comparisons and Firm Heterogeneity on Nonpoint Source Water Pollution: An Experimental Study.” *Resource and Energy Economics*.
- 4) Rosch S., S.R. Skorbiansky, C. Weigel, K.D. Messer, D. Hellerstein. “Using Economic Experiments to Promote Evidence-Based Policy-Making for Farmer and Rural Populations.” *Applied Economics Policy & Perspectives*.
- 5) Schmidt A*, M. Kecinski, T. Li, Kent D. Messer and J. Parker*. *Forthcoming*. The Importance of Selecting the Right Messenger: A Framed Field Experiment on Recycled Water Products. *Ecological Economics*.
- 6) Palm-Forster, L.H., P.J. Ferraro, N. Janusch, C.A. Vossler, and K.D. Messer. *Forthcoming*. “Behavioral and Experimental Agri-environmental Research: Methodological Challenges, Literature Gaps, and Recommendations.” *Environmental and Resource Economics*.
- 7) Butler, J.M., J.R. Fooks, K.D. Messer, L.H. Palm-Forster. 2019. “Addressing Social Dilemmas with Mascots, Information, and Graphics.” *Economic Inquiry*.
- 8) Li, T. and K.D. Messer. 2019. “To Scan or Not to Scan: The Question of Consumer Behavior and QR Codes on Food Packages.” *Journal of Agricultural and Resource Economics*. 44(2):311-327.
- 9) Suter, J., S. Collie, J.M. Duke, K.D. Messer, and H.A. Michael. 2019. “Common Pool Resource Management at the Extensive and Intensive Margins: Experimental Evidence.” *Environmental and Resource Economics*. 73 (4), 973-993.
- 10) Ellis, S.*, O.M. Savchenko, and K.D. Messer. 2019. “What's in a Name? Branding Reclaimed Water.” *Environmental Research*. 172: 384-393.

- 11) Palm-Forster, L, J. Suter, and K.D. Messer. 2019. "Experimental Evidence on Policy Approaches that Link Agricultural Subsidies to Water Quality Outcomes." *American Journal of Agricultural Economics*. 101(1):109-133.
- 12) Savchenko, O., M. Kecinski, T. Li, and K. Messer. 2018. "Reclaimed Water and Food Production: Cautionary Tales from Consumer Research." *Environmental Research*. 170: 320-331.
- 13) Savchenko, O., M. Kecinski, T. Li, K.D. Messer, and H. Xu*. 2018. "Fresh foods irrigated with recycled water: A framed field experiment on consumer response." *Food Policy*. 80: 103-112.
- 14) Kecinski, M. and K.D. Messer. 2018. "Mitigating Public Concerns about Recycled Drinking Water: Leveraging the Power of Voting and Communication." *Water Resources Research. Water Resources Research*. 54(8): 5300-5326.
- 15) Li, T., J. McCluskey, and K.D. Messer. 2018. "Ignorance Is Bliss?: Experimental Evidence on Wine Produced from Grapes Irrigated with Recycled Water." *Ecological Economics*. 153: 100-110.
- 16) Fooks J.*, K.D. Messer, and M. Kecinski. 2018. "A Cautionary Note on the Use of Benefit Metrics for Cost-Effective Conservation." *Environmental and Resource Economics*. 71(4):985-999.
- 17) Li, T., M. Kecinski, and K.D. Messer. 2018. "Behavioral Responses to Science-based Eco-labeling: Gold, Silver, or Bronze." *Applied Economics*. 50(39): 4250-4263.
- 18) Kecinski, M., D. Kerley, K.D. Messer, and W.D. Schulze. 2018. "Measuring Stigma: The Behavioral Response to Drinking Cockroach Contaminated Water." *Environmental and Resource Economics*. 70(1): 131-146.
- 19) Kecinski, M., K.D. Messer, and A.J. Peo.* 2018. "When Cleaning Too Much Pollution Can Be a Bad Thing: A Field Experiment of Consumer Demand for Oysters." *Ecological Economics*. 146: 686-695.
- 20) Khanna, M., S.M. Swinton, and K.D. Messer. 2018. "Sustaining our Natural Resources in the Face of Increasing Societal Demands on Agriculture: Directions for Future Research: Directions for Future Research." *Applied Economics Policy & Perception*. 40(1): 38-59.
- 21) Duke, J., K.D. Messer, L. Lynch, and T. Li. 2017. "The Effect of Information on Discriminatory-Price and Uniform-Price Reverse Auction Efficiency: An Experimental Economics Study of the Purchase of Ecosystem Services." *Strategic Behavior and the Environment*. 7(1-2): 41-71.
- 22) Fooks, J.*, K.D. Messer, J. Duke, J. Johnson, and G. Parsons. 2017. "Continuous Attribute Values in a Simulation Environment: Offshore Energy Production and Mid-Atlantic Beach Visitation Energy Policy." *Energy Policy*. 110: 288-302.

- 23) Messer, K.D., M. Costanigro, and H. Kaiser.* 2017. "Labeling Food Processes: The Good, the Bad and the Ugly." *Applied Economics Perspectives and Policy*. 39(3): 407-427.
- 24) Ferraro P., K.D. Messer, and S. Wu*. 2017. Applying Behavioral Insights to Improve Water Security." *Choices*. 32(4): 1-6.
- 25) Fooks*, J. K.D. Messer, J. Duke, J. Johnson, T. Li, G. Parsons. 2017. "Tourist Viewshed Externalities and Wind Energy Production." *Agricultural and Resource Economics Review*. 46(2): 224-241.
- 26) Kecinski, M., K.D. Messer, L. Knapp*, and Y. Shirazi*. 2017. "Consumer Preferences for Oyster Attributes: Field Experiments on Brand, Locality, and Growing Method." *Agricultural and Resource Economics Review*. 46(2): 315-337.
- 27) Wu, S.*, A. Zia, M. Ren*, and K.D. Messer. 2017. "Simulating Heterogeneous Farmer Behaviors under Different Policy Schemes: Integrating Economic Experiments and Agent-Based Modeling" *Policy and Complex Systems*. 3(2): 164-195.
- 28) Li, T., M. Kecinski, and K.D. Messer. 2017. "Heterogeneous Preferences for Oysters: Evidence from Field Experiments." *Agricultural and Resource Economics Review*. 46(2): 296-314.
- 29) Wu, S.*, J. Toussaint*, and K.D. Messer.† 2017. "Maximizing Benefits in Project Selection: A Hybrid Approach." *Applied Economics*. 40: 4071-4082.
- 30) Zarghamee, H., K.D. Messer†, J.R. Fooks*, W.D. Schulze, S. Wu*, and J. Yan*. 2017. "Nudging Charitable Giving: Three Field Experiments." *Journal of Behavioral and Experimental Economics*. 86: 137-149.
- 31) Grand*, L., K.D. Messer, and W. Allen. 2017. "Understanding and Overcoming the Barriers for Cost-Effective Conservation." *Ecological Economics*. 138: 139-144.
- 32) Messer K.D., J. Duke, L. Lynch, and T. Li. 2017. "When Does Public Information Undermine the Effectiveness of Reverse Auctions for the Purchase of Ecosystem Services?" *Ecological Economics*. 134: 212-226.
- 33) Li, T., J. Bernard, Z. Johnston*, K.D. Messer, and H.M. Kaiser. 2017. "Consumer Preferences Before and After a Food Safety Scare: An Experimental Analysis of the 2010 Egg Recall." *Food Policy*. 66: 25-34.
- 34) Miao, H.*, J. Fooks, T. Guilfoos, K.D. Messer, S. M. Pradhanang, J. Suter, S. Trandafir, E. Uchida. 2016. "The Impact of Information on Behavior Under an Ambient-based Policy for Regulating Nonpoint Source Pollution." *Water Resources Research*. 52: 3294-3308.
- 35) Messer, K.D., M. Kecinski, Z. Liu*, M. Korch*, T. Bounds*. 2016. "Military Readiness and Environmental Protection through Cost-effective Land Conservation." *Land Economics*. 92(1):433-449.

* Senior authorship shared.

- 36) Ellis, S.F.,* J.R. F Fooks, K.D. Messer, and M.J. Miller^{*†}. 2016. "The Effects of Climate Change Information on Charitable Giving for Water Quality Protection: A Field Experiment" *Agricultural and Resource Economics Review*.
- 37) Messer K.D., W. Allen, M. Kecinski, and C. Chen*. 2016. "Agricultural Preservation Professionals' Perception and Attitudes about Cost-effective Land Selection Methods." *Journal of Soil & Water Conservation*. 71(2):148-155. doi:10.2489/jswc.71.2.148.
- 38) Fooks, J.R.* , N. Higgins, K.D. Messer, J.M. Duke, D. Hellerstein, and L. Lynch. 2016. "Conserving Spatially Explicit Benefits in Ecosystem Service Markets: Experimental Tests of Network Bonuses and Spatial Targeting" *American Journal of Agricultural Economics*. 98(2): 468-488.
- 39) Kecinski, M., Kerley, D., K.D. Messer, and W.D. Schulze. 2016. "Stigma Mitigation and the Importance of Redundant Treatments." *Journal of Economic Psychology*. 54: 44-52.
- 40) Messer, K.D., M. Kecinski, X. Tang*, and R. Hirsch. 2016. "Multiple-Knapsack optimization in land conservation: results from the first cost-effective conservation program in the United States." *Land Economics*. 92(1):117-130.
- 41) Messer, K.D., S. Bligh, M. Costanigro, and H. Kaiser. 2015. "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Council for Agricultural Science and Technology (CAST) Issue Paper*.
- 42) Duke, J.M., S.J. Dundas*, R.J. Johnston, K.D. Messer. 2015. "The Effect of Spatial Interdependencies on Prioritization and Payments for Environmental Services" *Land Use Policy*. 48: 341-350.
- 43) Messer K.D and A. Borchers. 2015. "Choice for Goods under Threat of Destruction." *Economic Letters*. 135: 137-140. doi:10.1016/j.econlet.2015.07.026.
- 44) Wu*, S., J. Fooks*, K.D. Messer, and D. Delaney. 2015. "Consumer Demand for Local Honey: An Artefactual Field Experiment." *Applied Economics*. 47(14): 4377-4394. DOI:10.1080/00036846.2015.1030564.
- 45) Duke, J.M., S.J. Dundas*, R.J. Johnston, K.D. Messer. 2015. "The Effect of Spatial Interdependencies on Prioritization and Payments for Environmental Services" *Land Use Policy*. 48: 341-350.
- 46) Fooks, J.* , K.D. Messer, and J. Duke. 2015. "Dynamic Entry, Reverse Auctions, and the Purchase of Environmental Services." *Land Economics*. 91(1): 57-75.
- 47) Li, J., J. Michael, J. Duke, K.D. Messer, and J. Suter. 2014. "Behavioral Response to Contamination Risk Information in a Spatially Explicit Groundwater Environment: Experimental Evidence." *Water Resources Research*. 50: 6390-6405.
- 48) Liu, Z.* , J. Suter, K.D. Messer, J. Duke, and H. Michael. 2014. "Strategic Entry and Externalities in Groundwater Resources: Evidence from the Lab." *Resource and Energy Economics*. 38: 181-197.

- 49) Hoffman, V, J.R. Fooks*, and K.D. Messer. 2014. "Measuring and Mitigating HIV Stigma: A Framed Field Experiment" *Economic Development and Cultural Change*. 62(4): 701-726.
- 50) Duke J.D., S.J. Dundas*, R.J. Johnston, and K.D. Messer. 2014. "Prioritizing Payment for Environmental Services: Using Nonmarket Benefits for Optimal Selection." *Ecological Economics*. 105: 319-329.
- 51) Wiest, W. *, G. Shriver, and K.D. Messer[†]. 2014. "Incorporating Climate Change with Conservation Planning: A Case Study for Tidal Marsh Bird Conservation in Delaware, USA." *Journal of Conservation Planning*. 10: 25-42.
- 52) Messer, K.D., J.M. Duke, and L. Lynch. 2014. "Applying Experimental Economics to Land Economics: Public Information and Auction Efficiency in Land Preservation Markets." in the Oxford Handbook of Land Economics. J.M. Duke and J. Wu editors. Oxford Press.
- 53) Messer, K.D., J. Suter, and J. Yan.*[†] 2013. "Context Effects in a Negatively Framed Social Dilemma Experiment." *Environmental and Resource Economics*. 55(3): 397-405.
- 54) Arnold, M., J.M. Duke, and K.D. Messer.[†] 2013. "Adverse Selection in Reverse Auctions for Environmental Services." *Land Economics*. 89(3): 387-412.
- 55) Fooks, J.R.* and K.D. Messer. 2013. "Mathematical Programming Applications to Land Conservation and Environmental Quality." in Computational Intelligent Data Analysis for Sustainable Development. T. Yu, N. Chawla, and S. Simoff, editors. CRC Group, Taylor & Francis Group, Boca Raton, Florida.
- 56) Unur, A.S., H.E. Peters, K.D. Messer, and W.D. Schulze. 2013. "Incentive Effects of Parents' Transfers to Children: Evidence from an Artefactual Field Experiment." *B.E. Journal of Economic Analysis and Policy (Contributions)*. 14(1): 73-106.
- 57) Duke, J.M., S.J. Dundas*, and K.D. Messer. 2013. "Cost-Effective Conservation Planning: Lessons from Economics." *Journal of Environmental Management*. 125: 126-133.
- 58) Liu, Z.* , C. Kanter*, K.D. Messer, and H. M. Kaiser. 2013. "Identifying significant characteristics of organic milk consumers: a CART analysis of an artefactual field experiment." *Applied Economics*. 45(21): 3110-3121.
- 59) Keisner, D.K.* , K.D. Messer, W.D. Schulze, and H. Zarghamee.[†] 2013. "Testing Social Preferences for an Economic 'Bad': An Artefactual Field Experiment." *Scandinavian Journal of Economics*. 115(1): 27-61.
- 60) Messer, K.D., G.L. Poe and W.D. Schulze. 2013. "The Value of Private Versus Public Risk and Pure Altruism: An Experimental Economics Test." *Applied Economics*. 45(9): 1089-1097.
- 61) Suter, J., J.M. Duke, and K.D. Messer, and H. Michael. 2012. "Behavior in a Spatially Explicit Groundwater Resource: Evidence from the Lab." *American Journal of Agricultural Economics*. 94(5): 1094-1112.

- 62) Fooks, J.R.* and K.D. Messer[†]. 2012. "Maximizing Conservation and In-Kind Cost Share: Applying Goal Programming to Forest Protection" *Forest Economics*. 18: 207-217.
- 63) Dillaway, R.* , K.D. Messer, J. Bernard, and H.M. Kaiser. 2011. "Do Consumer Responses to Media Food Safety Information Last?" *Applied Economics Policy and Perspectives*. 33(3): 363-383.
- 64) Shawhan, D.* , K.D. Messer, W.D. Schulze, and R.E. Schuler. 2011. "An Experimental Test of Automatic Mitigation of Wholesale Electricity Prices." *International Journal of Industrial Organization*. 29(1): 46-53.
- 65) Messer, K.D., H.M. Kaiser, C. Payne, and B. Wansink. 2011. "Can Generic Advertising Alleviate Consumer Concerns Over Food Scares?" *Applied Economics*: 43(12):1535-1549.
- 66) Allen, W.L., O.M. Amundsen, J. Dujmović, and K.D. Messer. 2011. "Identifying and Selecting Strategic Mitigation Opportunities: Criteria Design and Project Evaluation using Logic Scoring of Preference and Optimization." *Journal of Conservation Planning*. 7: 61-68.
- 67) Messer, K.D. and W.L. Allen. 2010. "Applying Optimization and the Analytic Hierarchy Process to Enhance Agricultural Preservation Strategies in the State of Delaware." *Agricultural and Resource Economics Review*. 39(3): 442-456.
- 68) Messer, K.D. 2010. "Protecting Endangered Species: When Are Shoot-on-Sight Policies the Only Viable Option to Stop Poaching?" *Ecological Economics*. 69: 2334–2340.
- 69) Messer, K.D., G.L. Poe, D. Rondeau, W.D. Schulze and C. Vossler. 2010. "Social Preferences and Voting: An Exploration Using a Novel Preference Revealing Mechanism." *Journal of Public Economics*. 94(3-4): 308-317.
- 70) Messer, K.D. and J.J. Murphy. 2010. "Foreword: Special Issue on Experimental Methods in Environmental, Natural Resource and Agricultural Economics" *Agricultural and Resource Economics Review*. 39(2): iii-vi.
- 71) Kotani, K.* , K.D. Messer, and W.D. Schulze. 2010. "Matching Grants and Charitable Giving: Why Some People Sometimes Provide a Helping Hand to Fund Environmental Goods" *Agricultural and Resource Economics Review*. 39(2): 324-343.
- 72) Kanter C.* , K.D. Messer and H.M. Kaiser.[†] 2009. "Does Production Labeling Stigmatize Conventional Milk?" *American Journal of Agricultural Economics*. 91(4):1097-1109.
- 73) Payne, C., K.D. Messer, and H.M. Kaiser. 2009. "Which Consumers Are Most Responsive to Media Induced Food Scares?" *Agricultural and Resource Economics Review*. 38(3): 295-310. (2009 Outstanding Article of the Year: Honorable Mention, Northeastern Agricultural and Resource Economics Association)
- 74) Messer, K.D., H.M. Kaiser and W.D. Schulze. 2008. "The Problem of Free Riding in Voluntary Generic Advertising: Parallelism and Possible Solutions from the Lab" *American Journal of Agricultural Economics*. 90(2): 540–552.

- 75) Doyon, M., V. Simard*, K.D. Messer, L.D. Tamini*, and H.M. Kaiser. 2008. “An Experimental Analysis of Modifications to the Centralized Milk Quota Exchange System in Quebec.” *Canadian Journal of Agricultural Economics*. 56(1): 295-312. (*Outstanding Journal Article Award* for 2008 by the Canadian Agricultural Economics Society)
- 76) Messer, K.D., H. Zarghamee*, H.M. Kaiser and W.D. Schulze. 2007. “New Hope for the Voluntary Contribution Mechanism: The Effects of Context.” *Journal of Public Economics*. 91(9):1783-1799.
- 77) Messer, K.D., H.M. Kaiser, and G.L. Poe. 2007. “Voluntary Funding for Generic Advertising Using a Provision Point Mechanism: An Experimental Analysis of Option Assurance.” *Review of Agricultural Economics*. 29(3):612-631.
- 78) Messer, K.D. 2007. “Transferable Development Rights Programs: An Economic Framework for Success.” *Journal of Conservation Planning*. 3:47-53.
- 79) Messer, K.D., W.D. Schulze, K.F. Hackett, T. Cameron, and G. McClelland. 2006. “Can Stigma Explain Large Property Value Losses? The Psychology and Economics of Superfund.” *Environmental and Resource Economics*. 33(3):299-324.
- Republished in The Economics of Hazardous Waste and Contaminated Land, H.A. Sigman, editor. Edward Elgar Publishing.
- 80) Messer, K.D. 2006. “The Conservation Benefits of Cost-Effective Land Acquisition: A Case Study in Maryland.” *Journal of Environmental Management*. 79:305-315.
- 81) Messer, K.D., T.M. Schmit and H.M. Kaiser.† 2005. “Optimal Institution Designs for Generic Advertising: An Experimental Analysis.” *American Journal of Agricultural Economics*. 87(4): 1046-1060.
- 82) Messer, K.D., M.J. Kotchen and M.R. Moore. 2000. “Can Shade-Grown Coffee Help Tropical Biodiversity? A Market Perspective” *Endangered Species Update*. 17(6): 125-131.
- 83) Messer, K.D., 2000. “The Poacher’s Dilemma: Economics of Poaching and Enforcement” *Endangered Species Update*. 17(3): 50-58.

FUNDING (Total: \$70,700,057 as Principal Investigator or Co-Principal Investigator)

RESEARCH GRANTS

- 1) *USDA-NIFA Agriculture and Food Research Initiative*. 2019-2023. “Center for Behavioral and Experimental Agri-Environmental and Risk Management Research (CBEAR).” \$1,000,000. K.D. Messer and P. Ferraro (PIs), M. Masters (co-PI).
- 2) *National Science Foundation – funding support from EPSCoR Track-I*. 2018-2023. “RII Track-1: Water in the Changing Coastal Environment in Delaware (Project WiCCED).” \$23,040,000. K.D. Messer (PI), H. Michael, D.L. Sparks, V. Kalavacharla, and M. D’Souza (co-PIs).

- 3) *USDA Office of Environmental Markets*. 2018-2019. “Expanding Opportunities for Improved Agricultural Water Use Data through the Agricultural Data Reporting Incentive Program (AgDRIP).” \$130,000. M. Masters (PI), K.D. Messer, P. Ferraro, and J. Suter (co-PIs).
- 4) *USDA Agriculture and Food Research Initiative*. 2018-2019. “Are University Students Good Models for US Producers?” \$75,000. P. Ferraro (PI), K.D. Messer and M Bernedo (co-PIs).
- 5) *USDA Natural Resource Conservation Service*. 2018-2019. “Conservation Communication Training.” \$150,000. P. Ferraro and K. Messer (PIs), M. Masters (co-PI).
- 6) *Grand Challenges – University of Delaware*. 2018. “Workshops on Water Sustainability.” \$42,075. H. Michael (PI), K.D. Messer and others (co-PIs).
- 7) *National Science Foundation—funding support from the Delaware EPSCoR program*. 2018. “Reducing Household Nutrient Run-off: Power of Testimonials & Technology Persistence.” \$59,979. L. Palm-Forster (PI), K.D. Messer and O. Savchenko (co-PIs).
- 8) *USDA Economic Research Service*. 2017-2020. “Applying Defaults in the Conservation Reserve Program: An Experimental Approach.” \$90,000. K. Messer and P. Ferraro (PIs).
- 9) *NOAA Sea Grant*. 2017. “Assessing the Economic Impact of Oyster Aquaculture in Delaware.” \$20,679. K. Messer (PIs), J. Butler (Co-PI).
- 10) *UD College of Agriculture & Natural Resources and Department of Applied Economics & Statistics*. 2017. “Advancing consumer acceptance of food produced with sustainable, non-traditional irrigation water: Lessons from the Israeli experience and testing the applicability to the United States” \$55,000. K.D. Messer (PI).
- 11) *USDA Agriculture and Food Research Initiative*. 2017-2020. “Understanding Agricultural Water Use Behavior through Randomized Controlled Trials.” \$500,000. M. Masters (PI), K.D. Messer, P. Ferraro, and J. Suter (co-PIs).
- 12) *USDA Agriculture and Food Research Initiative*. 2017-2018. “Conference on Advancing Behavioral and Experimental Economics Methods and Applications to Sustainable Environmental and Agricultural Management.” \$50,000. (#12234087) L. Palm-Forster (PI), K.D. Messer, P. Ferraro, and C. Vossler (co-PIs).
- 13) *William Penn Foundation’s Delaware Watershed Research Fund*. 2016-2018. “Inducing Behavioral Change among Homeowners to Improve the Environmental Quality of the Delaware River Watershed: A Behavioral Science Approach.” \$112,000. (DWRF-16-108a) K.D. Messer (PI) and P. Ferraro (co-PI).
- 14) *USDA Agriculture and Food Research Initiative / Economic Research Service*. 2016-2019. “Behavioral Economics of Time Preferences, Risk Preferences and Agri-environmental Program Participation among U.S. Producers.” \$250,000. P. Ferraro (PI), K.D. Messer and M Bernedo (co-PIs).

- 15) *NOAA Sea Grant*. 2016-2017. “Consumer Behavior and Preferences for Oysters as a ‘Green Product’: An Outreach Initiative in Delaware and the Northeast.” \$15,000. (NA14OAR4170087) K.D. Messer and M. Kecinski (PIs), T. Li (Co-PI).
- 16) *National Science Foundation—funding support from the Delaware EPSCoR program*. 2016-2017. “Measuring Drinking Water Quality and Trust: An Environmental Justice Field Experiment.” \$58,728. K.D. Messer (PI), M. Kecinski and V. Perez (co-PIs).
- 17) *USDA Economic Research Service*. 2016. “Design and Experimental Testing of Land Use Mechanisms: Auctions and Conservation Practice Adoption.” \$50,000. K.D. Messer and P. Ferraro (PIs).
- 18) *USDA Agriculture and Food Research Initiative*. 2016-2020. “CONSERVE (Coordinating Nontraditional Sustainable waterER Use in Variable climatEs): A Center of Excellence at the Nexus of Sustainable Water Reuse, Food Crop Production, and Health.” \$10,000,000. (20166800725064). A. Sapkota (PI), K. Kniel and K.D. Messer (co-PIs).
- 19) *USDA Agriculture and Food Research Initiative*. 2015-2018. “Applying Behavioral Economics to Improve USDA Agricultural Programs: Field Experiments in Nutrient Management and Water Quality Protection.” \$499,386. M. Masters (PI), K.D. Messer and P. Ferraro (co-PIs).
- 20) *USDA Economic Research Service*. 2015-2018. “CBEAR Seed Grant Program.” \$400,000. K.D. Messer and P. Ferraro (PIs).
- 21) *State of Delaware Federal Research and Development Grant Program*. 2015-2017. “Economics of Ecosystem Services from Oyster Aquaculture. \$99,993. (16A00407) K.D. Messer and S. Jardine (PIs), T. Li, and G. Ozbay (co-PIs).
- 22) *USDA Economic Research Service*. 2015-2018. “CBEAR Training and Outreach Visiting Scholar Program” \$128,000. K.D. Messer and P. Ferraro (PIs).
- 23) *USDA Economic Research Service*. 2014-2017. “USDA Center for Behavioral and Experimental Agri-Environmental Policy Research (C-BEAR)” \$750,000. (59-6000-4-0064). K.D. Messer, P. Ferraro (PIs), D. Just, M. Price, and G. Poe (co-PIs).
- 24) *National Oceanic and Atmospheric Administration Sea Grant*. 2014-2017. “Economics of Ecosystem Services for Oyster Aquaculture.” \$317,215. (NA14OAR4170087) S.L. Jardine (PI), J. Ewart, M. Kecinski, K.D. Messer, G. Parsons, and J.K. York (co-PIs).
- 25) *USDA Agricultural and Food Research Initiative*. 2014-2015. “Water Quality Economics Workshop.” \$47,882, Guiliffoos (PI), K. Bell, K.D. Messer and E. Uchida (co-PIs)
- 26) *National Science Foundation – funding support from EPSCoR Track-I*. 2013-2018. “Delaware EPSCoR: Meeting Delaware’s 21st Century Water and Energy Challenges through Research, Education, and Innovation.” \$24,000,000. (EPS-0814251) D.L. Sparks (PI); V. Kalavacharla, K.D. Messer, J. Rabolt, S. Smith (co-PIs).

- 27) *National Science Foundation – funding support from EPSCoR Track-2*. 2013-2016. “North East Water Resources Network (NEWRnet)” \$6,000,000. D.J. Leathers (PI); A. Andres, D., Levia, S. Inamdar, and K.D. Messer (co-PIs).
- 28) *National Science Foundation – funding support from the Decision, Risk & Management Sciences directorate*. 2013-2014. “Doctoral Dissertation Research in DRMS: Protecting the Coastline - Optimal Coastal Inundation Adaptation Mechanisms.” \$13,860. K.D. Messer (PI); J.R. Fooks (co-PI).
- 29) *General University Research, University of Delaware*, 2013-2014. “The Economic Science of How to Do More with Less” \$6,000. K.D. Messer (PI).
- 30) *National Science Foundation – funding support from the Decision, Risk & Management Sciences, Engineering, and Geosciences directorates*, 2012-2013. “WSC Category 1 - Water Sustainability in Coastal Environments: Exploratory Research for an Integrated Study of the Effect of Anticipated Sea Level Rise on Contaminated Site Risk.” \$145,000. J.M. Duke (PI), K.D. Messer, H. Michael and D. Sparks (co-PIs).
- 31) *Northeast Center for Risk Management Education*, 2012-2013. “Pricing and Marketing Risk Management Education for Honey Producers.” \$35,000. D. Delaney and K.D. Messer (PIs), J.R. Fooks (Co-PI).
- 32) *USDA Economic Research Service*, 2011-2013. “Designing Choice Architecture to Cost-Effectively Reduce Agricultural Nutrient and Sediment Water Pollution in the Galveston Bay Watershed: A Framed Field Experiment.” \$100,000. ID#58-6000-1-0037. K.D. Messer and W.D. Allen (PIs), O. Amundsen (Co-PI).
- 33) *National Science Foundation – funding support from the EPSCoR program—and the Delaware Environmental Institute*, 2011-2012. “An Economics Analysis of the Visual Effects of Offshore Wind Projects.” \$54,676. ID#0814251. K.D. Messer (PI), J.M. Duke, J. Johnson, and G. Parsons (co-PIs).
- 34) *Maryland State Highway Administration*, 2011. “Training on the Optimization Decision Support Tool.” \$20,000. W. Allen and K.D. Messer.
- 35) *National Science Foundation – funding support from the Decision, Risk & Management Sciences and Geosciences programs*, 2010-2012. “Collaborative Research: An Experimental Economics Investigation of Groundwater Resource Dynamics.” \$369,483. ID#1024889. K.D. Messer and J. Suter (PIs), H. Michael and J.M. Duke (co-PIs).
- 36) *USDA Economic Research Service*, 2007-2012. “Applying Economic Experiments to Improve the Design and Implementation of Conservation Programs” \$332,104. ID#58-6000-7-0089. K.D. Messer, M. Weinberg (PIs), J.M. Duke, D. Hellerstein, N. Higgins, B. Kirwan, L. Lynch, and M. Roberts (Co-PIs).
- 37) *Delaware Department of Agriculture*, 2010-2011. “Exploring Ways to Ensure the Efficiency and Effectiveness of Delaware's Conservation Efforts” \$10,000. K.D. Messer and J.M. Duke (PIs).

- 38) *Maryland Population Research Center*, 2009-2010. “Reducing HIV Stigma: Measuring the Effectiveness of Various Interventions.” \$15,000. V. Hoffman (PI), K.D. Messer and N.M. Samuel (co-PIs).
- 39) *US Environmental Protection Agency, National Center for Environmental Economics*, 2008-2010. “2009 NAREA Workshop: The Use of Experimental Methods in Environmental and Natural Resource Economics.” \$60,624. (ID#08001017) K.D. Messer (PI), J. Murphy and T. Awokuse (co-PIs).
- 40) *USDA Economic Research Service*, 2009-2010. “2009 NAREA Workshop: The Use of Experimental Methods in Environmental and Natural Resource Economics” \$10,000. K.D. Messer (PI) and J. Murphy (co-PI).
- 41) *Harry R. Hughes Center for Agro-Ecology, Special Project Grant through USDA-NIFA.*, 2008-2011. “Better Practices of Maryland Land Conservation” \$58,450. K.D. Messer and W.L. Allen (PIs).
- 42) *Maryland State Highway Administration*, 2008. “Waldorf Area Transportation Improvements Project: Identification & Evaluation of Natural Resource Environmental Stewardship Opportunities” \$200,000. W. Allen (PI), K.D. Messer (advisor).
- 43) *US Fish and Wildlife Service*, 2008-2009. “Development of a Multi-Species Habitat Conservation Plan for NiSource Natural Gas Transmission Facilities.” \$2,400,000. W. Allen (PI), K.D. Messer (advisor).
- 44) *U.S. Army*. 2008. “The Use of Optimization in the Army’s Compatible Use Buffer Programs” \$16,848. W.L. Allen and K.D. Messer (PIs).
- 45) *Lerner College Multidisciplinary Research Grant, University of Delaware*, 2008-2009. “Mechanisms for Allocating Agricultural Conservation Easements” \$6,000 Arnold, M. (PI), J.M. Duke and K.D. Messer (Co-PIs)
- 46) *General University Research, University of Delaware*, 2008-2009. “Can Context Effects Mitigate the Free-Riding Behavior that Causes Negative Externalities?” \$6,000. K.D. Messer (PI).
- 47) *University of Delaware, CANR Seed Grant*, 2007-2009. “Applying Economic Experiments to Improve the Design and Implementation of Conservation Programs” \$20,000. K.D. Messer and J.M. Duke (PIs).
- 48) *National Institute for Commodity Promotion and Evaluation*, 2007-2008. “Assessing Consumer’s Sensitivity and Willingness-To-Pay for Poultry and Eggs Given Different Production Methods.” \$15,000. K.D. Messer (PI), J. Bernard (Co-PI).
- 49) *National Science Foundation – funded by the Decision, Risk and Management Sciences program*, 2006-2008. “The Economics and Psychology of Stigma: An Experimental Examination.” \$239,966. ID#0551289. W.D. Schulze (PI), K.D. Messer and B. Wansink (Co-PIs).
- 50) *The Conservation Fund*, 2006. “Applying Transferable Development Rights Programs to Kona, Hawaii.” \$38,000. W. Allen (PI), K.D. Messer (advisor).

- 51) *Baltimore County, Maryland*, 2005. “Optimizing Agricultural Lands Protection in Baltimore County.” \$85,000. K.D. Messer (PI), W. Allen and O. Amundsen (Co-PIs).
- 52) *National Science Foundation – Jointly funded by the Economics and the Decision, Risk & Management Sciences programs*, 2004-2006. “An Experimental Economics Examination of Behavioral Anomalies, Group Decision Making, and the Provision of Public Goods.” \$220,535. ID#0418450. W.D. Schulze (PI), H. Kaiser, K.D. Messer, and G. Poe (co-PIs).
- 53) *The Conservation Fund*, 2004. “Kent County, Delaware, Rapid Assessment of Green Infrastructure: Working Landscape Program Evaluation.” \$75,000. W. Allen (PI), K.D. Messer (Co-PI).
- 54) *Cornell University Agricultural Experiment Station*. 2002. “Conservation as an Optimal Portfolio.” \$1,200. K.D. Messer (PI).

TEACHING AND ADVISING GRANTS

- 1) *CANR Multicultural Course Development Award*, 2018. \$7,500
- 2) *CANR Summer Scholars*, 2018. (advisee) S. Wemple. \$5,000.
- 3) *EPSCoR Undergraduate Researcher*, 2018. (advisee) J. Parker. \$3,000.
- 4) *CONSERVE Summer Scholar*, 2018. (advisee) J. Kesselring. \$5,000
- 5) *DENIN Scholar*, 2017-2018. (advisee) M. Langer. \$3,000.
- 6) *EPSCoR Undergraduate Research*, 2017. (advisee) S. Furio. \$4,000.
- 7) *Wharry Grant for Dissertation Research*, 2017. (advisee) S. Ellis. \$1,500.
- 8) *Delaware Water Resources Center*, 2017. (advisee) S. Furio. \$3,500
- 9) *CANR Summer Scholars*, 2017. (advisee) J. Geisler. \$5,000.
- 10) *CONSERVE Summer Scholar*, 2017. (advisee) J. Parker. \$5,000
- 11) *EPSCoR Undergraduate Researcher*, 2016-2017. (advisee) C. Estrada. \$1,500.
- 12) *DENIN Scholar*, 2016-2017. (advisee) J. Geisler. \$3,000.
- 13) *DENIN Scholar*, 2016-2017. (advisee) J. Parker. \$3,000.
- 14) *DENIN Environmental Fellow*, 2016-2018. (advisee) S. Ellis. \$60,000
- 15) *NEWRnet Undergraduate Research*, 2016. (advisee) B. Baker. \$4,000.
- 16) *NEWRnet Undergraduate Research*, 2016. (advisee) K. Ritchie. \$4,000.

- 17) *EPSCoR Undergraduate Researcher*, 2015-2016. (advisee) J. Geisler. \$1,500.
- 18) *DENIN Scholar*, 2015-2016. (advisee) K. Ritchie. \$3,000.
- 19) *DENIN Scholar*, 2015-2016. (advisee) D. Awokuse. \$3,000.
- 20) *NEWRnet Undergraduate Research*, 2015. (advisee) K. Ritchie. \$4,000.
- 21) *EPSCoR Undergraduate Researcher*, 2014-2015. (advisee) P. Merrigan. \$1,500.
- 22) *DENIN Scholar*, 2014-2015. (advisee) M. Peet. \$3,000.
- 23) *DENIN Scholar*, 2014-2015. (advisee) F. Piccone. \$3,000.
- 24) *EPSCoR Undergraduate Research*, 2014. (advisee) M. Griner. \$1,500.
- 25) *NEWRnet Undergraduate Research*, 2014. (advisee) M. Valinski. \$4,000.
- 26) *NEWRnet Undergraduate Research*, 2014. (advisee) P. McKenna. \$4,000.
- 27) *EPSCoR Undergraduate Research*, 2013-2014. (advisee) M. Griner. \$1,500.
- 28) *Delaware Environmental Institute Environmental Scholars*, 2013-2014. (advisee) (S. Olson). \$4,250.
- 29) *Center for Science, Ethics & Public Policy*, 2013. "Development of an Integrated, Three-Stage, Environmental Ethics Module for APEC100 - Sustainable Development". \$3,000.
- 30) *EPSCoR Undergraduate Research*, 2013. (advisee) L. Grand. \$4,500.
- 31) *Delaware Water Resources Center*, 2012. (advisee) N. Flynn. \$1,750.
- 32) *EPSCoR Undergraduate Research*, 2012. (advisee) S. Olson. \$4,500.
- 33) *CANR Summer Scholars*, 2012 (advisee) W. Jones. \$4,500.
- 34) *CANR International Graduate Education Travel Grant*, 2011. Visit to ICRISAT in Hyderabad, India. \$1,000.
- 35) *EPSCoR Undergraduate Research*, 2011. (advisee) R. O'Dowd. \$4,500.
- 36) *Institute for Transforming Undergraduate Learning*, 2009. Fellow in the "Problem-Based Learning Workshop." \$1,000.

RESEARCH BULLETINS, POLICY REPORTS, AND BEHAVIORAL INSIGHT BRIEFS

- 1) McCluskey, J. et al. 2017. "Agriculture and Applied Economics Priorities and Solution." *The Council on Food, Agricultural, and Resource Economics* (CFARE).

- 2) Ferraro, P. and K.D. Messer. 2017. 'Test, Learn, Adapt: Innovate by Running Experiments in your Program" Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 5.
- 3) Ferraro, P. and K.D. Messer. 2017. Gains from Avoiding Losses It's not just how much incentive you offer, but how you offer it." Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 5.
- 4) Ferraro, P. and K.D. Messer. 2017. Climate Change Mitigation Outreach Experiment Should climate change programs mention climate change? Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 4.
- 5) Ferraro, P. and K.D. Messer. 2016. "The Costs of Complexity." Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 3.
- 6) Ferraro, P. and K.D. Messer. 2016. "The Pull of Social Comparisons." Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 2.
- 7) Ferraro, P. and K.D. Messer. 2015. "The Power of Defaults." Center for Behavioral and Experimental Agri-Environmental Research. *CBEAR Behavioral Insight Brief*. No. 1.
- 8) Messer, K.D. (editor). 2013. "Incorporating Climate Change with Conservation Planning: a Case Study for Tidal Marsh Bird Conservation in Delaware, USA." W.A. Wiest (student contributor) and W.G. Shriver. *Applied Economics & Statistics Research Report*, University of Delaware, RR13-01.
- 9) Messer, K.D. (editor). 2013. "Reducing Agricultural Water Pollution in Texas: An Application of Linear Optimization." L. Hildebrand and S. Stark (student contributors). *Applied Economics & Statistics Research Report*, University of Delaware, RR13-02.
- 10) Toussaint, J., S. Wu, and K.D. Messer, "Maximizing Benefits for Women: A Charitable Donation Allocation Problem." *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2012-12.
- 11) Duke, J.M., S.J. Dundas, and K.D. Messer, "Cost Effective Conservation Planning: Twenty Lessons from Economics." *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2012-01.
- 12) Messer, K.D. (editor). 2012. "Maximizing Benefits for Women in Delaware: Improving Project Selection Using Optimization Techniques." J. Toussaint and S. Wu (student contributors) *Food and Resource Economics Research Report*, University of Delaware, RR12-01.
- 13) Messer, K.D. (editor). 2011. "Minimizing cost for Municipal residential solid waste collection in City of Newark using Goal Programming & GIS tools." P. Jain (student contributor) *Food and Resource Economics Research Report*, University of Delaware, RR11-02.
- 14) Messer, K.D., W.L. Allen, and C. Chen. 2011. "Best Practices for Increasing the Cost Effectiveness of the Maryland Agricultural Lands Preservation Foundation." *Harry R. Hughes Center for Agro-Ecology Research Report*.

- 15) Messer, K.D. (editor). 2011. "Applying Mathematical Programming to Environmental and Resource Economics: ORES801 Case Studies of Optimizing the US Military's Readiness and Environmental Protection Initiation (REPI); Using Goal Programming to Maximize Military Readiness and Environmental Protection." M. Korch and T. Bounds (student contributors) *Food and Resource Economics Research Report*, University of Delaware, RR11-01.
- 16) Amundsen, O., K.D. Messer, and W.L. Allen. 2010. "Integrating Optimization and Strategic Conservation to Achieve Higher Efficiencies in Land Protection." *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2010-14.
- 17) Messer, K.D., J. Suter, and J. Yan. 2010. "Context Effects in a Negative Externality Experiment" *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2010-09.
- 18) Fooks, J. and K.D. Messer. 2010. "Maximizing Conservation and In-Kind Cost Share: Applying Goal Programming to Forest Protection" *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2010-08.
- 19) Messer, K.D. (editor). 2010. "Achieving Cost Effective Conservation: ORES801 Case Studies of Applying Optimization to Wetland Mitigation from Highway Expansions in Maryland, Improving Water Quality from the Impact of Dirt and Gravel Roads in Pennsylvania, Increase Cost-Sharing for Forest Protection, and Preserving Agricultural Lands in Delaware and Baltimore County, Maryland." R. Dillaway, J.R. Fooks, Y. Chen, and X. Tang (student contributors), *Food and Resource Economics Research Report*, University of Delaware. RR10-01.
- 20) Amundsen, O., K.D. Messer, and W.L. Allen 2009. "The Next Big Step in Strategic Land Conservation: Conservation Optimization" *Eastern Lands Resource Council White Paper*. October.
- 21) Messer, K.D. (editor). 2009. "Achieving Cost Effective Conservation: ORES801 Case Studies of Applying Optimization to Protect Endangered Birds, Preserve Agricultural Lands, and Conserve Forested Lands." A. Borchers, A. Kalambur, and S. Stefanova (student contributors), *Food and Resource Economics Research Report*, University of Delaware, RR09-01.
- 22) Amundsen, O. and K.D. Messer. 2009. "Tight Budgets and Strategic Conservation: Selecting the Right Lands for the Right Price" *Eastern Lands and Resources Council Journal*. July: 12-13.
- 23) Allen, W.L. and K.D. Messer. 2009. "Optimizing Project Selection for the U.S. Army Compatible Use Buffer Program." Published by LMI Government Consulting. Prepared for the *US Army Environmental Center*, Aberdeen Proving Ground, Maryland.
- 24) Kanter C., K.D. Messer and H.M. Kaiser. 2008. "Label Claims Do Affect Milk's Image" *Hoard's Dairyman*. August 10.
- 25) Kanter C., K.D. Messer and H.M. Kaiser. 2008. "The Stigma Effect of rBST Labeling on Milk" Label Claims Do Affect Milk's Image" *National Institute for Commodity Promotion Research and Evaluation (NICPRE) Quarterly* 14(4).

- 26) Messer K.D. and W. Allen. 2008. "Applying Optimization and the Analytic Hierarchy Process to Enhance Agricultural Preservation Strategies in the State of Delaware" 2008. *Alfred Lerner College of Business and Economics Working Paper*, University of Delaware, Newark, Delaware, 2008-18.
- 27) Messer, K.D., G.L. Poe and W.D. Schulze. 2008. "The Value of Private Risk Versus The Value of Public Risk: An Experimental Analysis Of The Johannesson *et al.* Conjecture." *AEM Working Paper 2008-13*, Cornell University.
- 28) Messer, K.D., H.M. Kaiser, C. Payne, and B. Wansink. 2007. "Can Advertising Alleviate Consumer Concerns over Food Scares?" *National Institute for Commodity Promotion Research and Evaluation (NICPRE) Quarterly* 13(4).
- 29) Messer, K.D., L.E. Platt, G.L. Poe, D. Rondeau, W.D. Schulze, and C.A. Vossler. 2006. "Final Report: Ecosystem Values and Surface Water Protection: Basic and Applied Research on the Contingent Valuation Method. National Science Foundation Grant SES 0108667" *AEM Research Bulletin*. 2006-02, Cornell University.
- 30) Doyon, M., L.D. Tamini, V. Simard, K.D. Messer, H.M. Kaiser. 2006. "L'économie expérimentale pour l'analyse de modifications au système centralisé de vente du quota laitier au Québec." *CIRANO Série Scientifique*. Novembre.
- 31) Messer, K.D., H.M. Kaiser, and C. Payne and B. Wansink. 2006 "Advertising Could Calm Food Safety Fears." *Food Navigator – USA*. August 14.
- 32) Allen, W.L., O. Amundsen, K.D. Messer, B.T. Phillips, and T. Weber. 2006. *Kent County Rapid Assessment of Green Infrastructure. Arlington, Virginia: The Conservation Fund*.
- 33) Messer, K.D., T.M. Schmit and H.M. Kaiser. 2005. "An Experimental Application to Voluntary Funding of Generic Advertising." *National Institute for Commodity Promotion Research and Evaluation (NICPRE) Quarterly* 11(2).
- 34) Messer, K.D., H.M. Kaiser, and W.D. Schulze. 2005. "Context and Voluntary Contributions: An Experimental Analysis of Communication, Voting, and Status Quo Bias." *AEM Working Paper*. 2005-07, Cornell University.
- 35) Schulze, W.D., K.D. Messer, K.F. Hackett, T. Cameron, G. Crawford, and G. McClelland, 2004. "Stigma: The Psychology and Economics of Superfund" Final Report for the *U.S. Environmental Protection Agency*.
- 36) Messer, K.D., Schmit, T.M., and H.M. Kaiser. 2004. "Optimal Institutional Mechanisms for Funding Generic Advertising: An Experimental Analysis." *National Institute for Commodity Promotion and Research Evaluation* 04-05, R.B. 2004-12, Department of Applied Economics and Management, Cornell University.
- 37) Messer, K.D., H.M. Kaiser and W.D. Schulze. 2004. "Status Quo Bias and Voluntary Contributions: Can Lab Experiments Parallel Real World Outcomes for Generic Advertising?" *Research Report: National Institute for Commodity Promotion Research and Evaluation*.

- 38) Messer, K.D., Kaiser, H.M. and W.D. Schulze. 2004. “Alternative Institutional Designs for Funding Generic Commodity Advertising: An Experimental Analysis” *National Institute for Commodity Promotion Research and Evaluation (NICPRE) Quarterly* 10(1).
- 39) Messer, K.D., G.L. Poe and W.D. Schulze. 2004 “Pure Altruism and Public Risk Programs: An Experimental Examination of Voting Behavior.” *AEM Working Paper 2004-18*, Cornell University.
- 40) Messer, K.D. and J. Wolf. 2004 “Optimizing the Conservation Portfolio” *Land Trust Alliance Exchange*. 23(3): 11-14.

TEACHING

APEC100	Sustainable Development, 2009-present
APEC667	Experimental Economics, 2014-present
APEC807	Mathematical Programming with Economic Applications, 2007-present
AEM432	Business and Government in the Global Economy, <i>Cornell University</i> , 2006.

TEACHING PUBLICATIONS

- 1) Messer, K.D., S. Wu, and J.R. Fooks. 2013. “Using Nudges and Choice Architecture to Prevent Free Riding and Voluntary Provide Public Goods.” *Problem Based Learning Clearinghouse*.
- 2) Messer, K.D. 2011. “Maximizing Conservation in Pangaea.” *Problem Based Learning Clearinghouse*.
- 3) Messer, K.D. 2010. “United Nations Conference on Climate Change.” *Problem Based Learning Clearinghouse*.
- 4) Duke, J. and K.D. Messer. 2009. “Problem: Fuel Efficiency and Choice.” *Problem Based Learning Clearinghouse*.

AWARDS AND HONORS

- *Alumni Award*, Grinnell College, 2019.
- *1st Place, Human Dimensions of Food, Agriculture, and Natural Resources*, College of Agriculture and Natural Resources Graduate Research Symposium, University of Delaware – (advisee) S. Ellis, 2018.
- *Agricultural and Resource Economics Review Fellow*, Northeastern Agricultural and Resource Economics Association, 2017.
- *ABM17 Star Award* – (advisee) S. Wu, 2017
- *Interdisciplinary Research Prize for Outstanding Dissertation*, University of Delaware – (advisee) A. Jennings, 2017.
- *Lindau Nobel Laureates Meeting* – selected to attend meeting in Lindau, Germany by Oak Ridge Associated Universities – (advisee) S. Ellis, 2017.
- *Outstanding Service Award*, Northeastern Agricultural and Resource Economics Association, 2016.

- *Outstanding Alumnae Award*, Dyson School of Applied Economics and Management, Cornell University, 2015.
- *Ryden Prize for Best Social Science Dissertation*, University of Delaware – (advisee) J. Fooks, 2015.
- *Latham Best Dissertation Award*, Department of Economics, University of Delaware – (advisee) J. Fooks, 2015.
- *Recognition of Outstanding Service - Editor*, Northeastern Agricultural and Resource Economics Association, 2014.
- *Outstanding Teacher Nomination*, University of Delaware – 2008, 2011, 2014, 2017.
- *Benton Award*, College of Agriculture and Natural Resources, University of Delaware – (advisee) Fooks, 2011
- *Outstanding Master's Student*, Agricultural and Resource Economics, University of Delaware – Fooks (advisee) 2011.
- *Outstanding Journal Article Award for 2010 (Honorable Mention)*. Agriculture and Resource Economic Review, 2010.
- *Outstanding Master's Thesis*, Robin Dillaway (K.D. Messer advisor). "Are Consumers Responses to Food Scares Long Lasting?" Northeastern Agricultural and Resource Economics Association, 2010.
- *Fellow*, Institute for Transforming Undergraduate Education, University of Delaware – 2009.
- *Outstanding Teacher Nomination*, University of Delaware, 2008.
- *Outstanding Master's Student*, Agricultural and Resource Economics, University of Delaware – Dillaway (advisee) 2009.
- *Outstanding Journal Article Award for 2008*. Canadian Agricultural Economics Society – 2009.
- *Who's Who in Agriculture Higher Education* – 2009-present
- *Who's Who in America* – 2008-present
- *Stephen B. Ashley Fellowship*, Cornell University – 1999-2003.
- *Stanley A. Cain Award* for excellence in resource policy, University of Michigan – 1999.
- *Outstanding Young Men of America* – 1995.
- *Phi Beta Kappa*, Grinnell College – 1994.
- *Phi Beta Kappa Scholar's Award* - honorable mention, Grinnell College – 1993 & 1994.
- *Mortar Board*, Grinnell College – 1993-1994.
- *Alumni Senior Award* for excellence in community service, Grinnell College – 1994.
- *Ralph Luebben Award* for scholarly excellence, Grinnell College – 1994.
- *Honors* in anthropology, Grinnell College – 1994.

SELECTED PRESENTATIONS[†]

- 1) Ellis, S.F., O. Savchenko, and K. Messer, "Mitigating Stigma on Recycled Water: Celebrity Endorsements, Social Comparisons, and Trophic Levels." Paper presented at Human and Climate Series I: Dynamic Hydrology from Land to Sea, Newark, DE, September 2018
- 2) Rahman, R., O. Savchenko, L. Palm-Forster, and K. Messer. "Reducing Household Nutrient Runoff: Power of Testimonial and Technology Persistence." University of Delaware Grand

[†] Underlined name indicates presenter.

Challenges in Water Sustainability Symposium on "Dynamic Hydrology from Land to Sea", Newark, DE September 2018

- 3) Parker, J., O. Savchenko, and K. Messer. "Examining Consumer Preferences for Nontraditional Water: Group and Peer Effects." Undergraduate Research and Celebratory Symposium, Newark, DE, August 2018
- 4) Ellis, S., O. Savchenko, and K. Messer. "What's in a Name: Branding Reclaimed Water." Undergraduate Research and Celebratory Symposium, Newark, DE, August 2018
- 5) Wemple, S., R. Rahman, O. Savchenko, L. Palm-Forster, K. Messer. "Reducing Household Nutrient Runoff: Powers of Testimonials and Persistence and Technology Persistence." Undergraduate Research and Celebratory Symposium, Newark, DE, August 2018
- 6) K. Messer, "Navigating Negotiations for Professional Success & Personal Fulfillment." Agricultural and Applied Economic Association, Washington DC, August 2018
- 7) Weigel, C., P. Ferraro, K. Messer, and M. Masters. "Nudging Agricultural Business Owners to Invest in an Impure Environmental Public Good", Agricultural and Applied Economic Association, Washington DC, August 2018
- 8) Weigel, C., P.J. Ferraro, M. Masters, K.D. Messer, "Behavioral Economics of Time Preferences, Risk Preferences and Agri-Environmental Program Participation Among U.S. Producers." Agricultural and Applied Economic Association, Washington DC, August 2018
- 9) Savchenko, O., M. Kecinski, T. Li, and K. Messer, "Does Food Processing Mitigate Consumer Concerns for Crops Grown with Recycled Water?", Agricultural and Applied Economic Association, Washington DC, August 2018
- 10) Li, T., J. McCluskey, and K.D. Messer, "Wine Produced with Recycled Water Irrigated Grapes: Is it Hard to Swallow?" Agricultural and Applied Economic Association, Washington DC, August 2018
- 11) Ellis, S.F., O. Savchenko, and K. Messer, "Mitigating Stigma on Recycled Water: Celebrity Endorsements, Social Comparisons, and Trophic Levels", Agricultural and Applied Economic Association, Washington DC, August 2018
- 12) Kecinski, M and K.D. Messer. "Social Preferences and Communication as Stigma Mitigation Devices – Evidence from Recycled Drinking Water Experiments." Agricultural and Applied Economic Association, Washington DC, August 2018
- 13) Fan, J., P. Ferraro, K. Messer, C. Weigel, "FY16-18 NACD Outreach Field Experiment: Do Nudges work in Groups?" Behavioral Operations Conference, Dallas, Texas, June 2018.
- 14) Ritchie, K., M. Kecinski, K.D. Messer. "Trust in Public Drinking Water Utilities in Post-Flint America: A Field Experiment in a Socio-Economically Disadvantaged Neighborhood." Northeastern Agricultural and Resource Economics Association. Philadelphia, PA, June 2018.

- 15) Furio, S., S. Ellis, O. Savchenko, K. Messer. "Understanding Social Behavior: An Experimental Economic Investigation of Agri-Environmental Policies," DWRC Advisory Panel, Newark, DE, May 2018.
- 16) Savchenko, O., M. Kecinski, T. Li, K. D. Messer, H. Xu. "Social barriers and consumer response to water reuse for irrigation," Water Research Foundation Conference. Atlanta, GA, May 2018.
- 17) Langer, M.L, Ellis, S.F, Messer, K. D., "Subconscious Biases with Produce Irrigated with Recycled Water" DENIN Research Symposium, Newark, DE, May 2018
- 18) Ritchie, K. M. Kecinski, and K. Messer. "Trust in Public Drinking Water Utilities in Post-Flint America", CANR Research Symposium, Newark, DE, April 2018.
- 19) Geisler, J., Messer, K., Kecinski, M. and Ritchie, K. "Field Experiments on Soil and Water Contamination in Southbridge, Delaware", CANR Symposium, Newark, DE, April 2018.
- 20) Furio, S., S. Ellis, O. Savchenko, K. Messer. "Understanding Social Behavior: An Experimental Economic Investigation of Agri-Environmental Policies," CANR Symposium, Newark, DE, April 2018.
- 21) Ellis, S.F., M. Kecinski, K. Messer, and J. Lusk. "A Neuroeconomic Investigation of Disgust in Food Purchasing Decisions", CANR Research Symposium, Newark, DE, April 2018.
- 22) Rahman, R., Savchenko, O., Palm-Forster, L., Messer, K. "Reducing Household Nutrient Runoff: Power of Testimonial and Technology Persistence." CANR Research Symposium, Newark, DE, April 2018.
- 23) Savchenko, O., Li, T., Kecinski, M., Messer, K. "Does Food Processing Mitigate Consumers' Concerns for Crops Grown with Recycled Water? Evidence from a Framed Field Experiment." CANR Research Symposium, Newark, Delaware, April 2018.
- 24) Rosch, S.*, J. Fooks, D. Hellerstein, L. Lynch, K. Messer, S. Raszap Skorbiansky, C. Weigel, E. Zeballos (2018). "Assessing How Well Students in Economics Experiments Model Decision-Making for Non-Student Populations." Presentation at the 2018 Barcelona GSE Workshop on External Validity, Generalizability and Replicability of Economic Experiments, Barcelona, Spain; June 19-20, 2018.
- 25) Palm-Forster, L.H., N. Janusch, K.D. Messer, and P.J. Ferraro. "Behavioral Insights for Agri-Environmental Program and Policy Design." Paper presented at the ASSA Annual Meeting, Philadelphia, PA, January 5-7, 2018.
- 26) Rosch, Fooks, Hellerstein, Lynch, Messer, Raszap Skorbiansky, Weigel, Zeballos. "Assessing How Well Students in Economics Experiments Model Decision-Making for Non-Student Populations". Federal Committee on Statistical Methodology (FCSM) Research and Policy Conference, Washington DC, March 2017.
- 27) Ellis, S., M. Kecinski, C. Lipchin, K. Messer. "Consumer Preferences of Recycled Irrigation Water: Field Experiments in Israel and the United States." *Society of Risk Analysis Conference*. Arlington, Virginia. December 2017.

- 28) Ellis, S., M. Kecinski, C. Lipchin, K. Messer. "Consumer Preferences of Recycled Irrigation Water: Field Experiments in Israel and the United States." Northeast Sustainable Agriculture Working Group (NESAWG) It Takes a Region Conference, Baltimore, MD. November 2017.
- 29) Rosch, Fooks, Hellerstein, Lynch, Messer, Raszap Skorbiansky, Weigel, Zeballos. "Assessing How Well Students in Economics Experiments Model Decision-Making for Non-Student Populations". North-American Economics Science Association Meeting. Richmond, Virginia, October 2017.
- 30) Rosch, Fooks, Hellerstein, Lynch, Messer, Raszap Skorbiansky, Weigel, Zeballos. "Calibrating Performance Incentives in Economics Experiments: A Literature Review of the Impact of Incentive Payments on Outcomes for Common Experimental Methods". North-American Economics Science Association Meeting. Richmond, Virginia, October 2017.
- 31) Li, T, J. Fooks, K.D. Messer, "Residents' Preferences in Adopting Water Runoff Management Practices: Examining the Effect of Behavioral Nudges in a Field Experiment." Mid-Atlantic Water Resources Conference, Shepherdstown, West Virginia. October 2017
- 32) Schmidt, A., M. Kecinski, T. Li, K. Messer, J. Parker. "Understanding the Effectiveness of Different Messengers: Nudging in Field Experiments on Consumer Preferences for Recycled Irrigation Water." *Conference on Behavioral & Experimental Agri-Environmental Research: Methodological Advancements & Applications to Policy*. Shepherdstown, West Virginia. October 2017.
- 33) Ellis, S. F., M. Kecinski, C. Lipchin, K. Messer. "Consumer Preferences of Recycled Irrigation Water: Field Experiments in Israel and the United States." *Colorado University Environmental and Resource Economics Workshop*. Vail, Colorado. September 2017.
- 34) Li, T, J. Fooks, K.D. Messer, "Residents' Preferences in Adopting Water Runoff Management Practices: Examining the Effect of Behavioral Nudges in a Field Experiment" 2017 Canadian Resource and Environmental Economics Study Group Annual Conference, London, Ontario, September 2017
- 35) Griesinger, M., L.H. Palm-Forster, J. Butler, K. Messer, and J. Fooks. "Stewardship signaling and the power of using social pressures to reduce nonpoint source pollution." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 36) Messer, K., P. Ferraro. "Applying Behavioral Economics to Improve Water Security." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 37) Li, T. and K.D. Messer, "Consumer Response to Multi-Tiered Eco-Labeling and New Labeling Technology." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 38) Swinton, S. M. Khanna, K. Messer. "A Bend in the River: New Directions for Water Quality Research." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.

- 39) Kecinski, M., K. Messer, H. Kaiser, W. Schulze. "The Behavioral Implications of Disgust." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 40) Li T., J. Fooks, K. Messer. "Residents' Preferences in Adopting Water Runoff Management Practices: Examining the Effect of Behavioral Nudges in A Field Experiment." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 41) Messer, K., M. Costanigro, H. Kaiser. "Labeling Food Processes: The Good, the Bad, and the Ugly." *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, Illinois, July 2017.
- 42) Lipchin, C, S. Ellis, M. Kecinski, K.D. Messer. "Learning from Leaders in Water Reuse: Practices in Israel and Other Water Conserving Nations." *International Association for Food Protection*. July 2017.
- 43) Li T., K. Messer. "A Field Experiment on Contributions to Sea Level Rise Mitigation". *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017
- 44) Xu, H., M. Kecinski, K.D. Messer. "Mid-Atlantic Consumers' Preferences for Produce Irrigated with Recycled Water". *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017
- 45) Griesinger, M., L.H. Palm-Forster, J. Butler, K. Messer, and J. Fooks. "Enhancing Water Quality Using Stewardship Signaling and Social Recognition." *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017
- 46) Janusch, N., K. Messer, P. Ferraro. "The Impact of Social Comparisons on Farmer's WTP for BMPs: Combining Data from the Field and Laboratory. *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017.
- 47) Kecinski, M., K. Messer. "Chromium, Arsenic and Lead contamination: Field Experiments on Paternalism." *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017.
- 48) Li T., J. Fooks, K.D. Messer. "Residents' Preferences in Adopting Water Runoff Management Practices: Examining the Effect of Behavioral Nudges in a Field Experiment." *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017.
- 49) Wu, S., L. Palm-Forster, and K. Messer. "Heterogeneous Agents and Information Nudges in Non-point Source Water Pollution Management". *Northeastern Agricultural and Resource Economics Association Annual Conference*, Washington, D.C. June, 2017.
- 50) Palm-Forster, L., J. Suter, K. Messer. "Linking Agricultural Subsidies and Ambient Water Quality to Reduce Nutrient Loss." *Association of Environmental and Resource Economists*. Pittsburgh, Pennsylvania. May 2017.
- 51) Weigel, C., P. Ferraro. K. Messer. "Can Profit-Maximizers be Nudged and do they care?" *Association of Environmental and Resource Economists*. Pittsburgh, Pennsylvania. May 2017.

- 52) Wu, S., L. Palm-Forster, and K. Messer. "Heterogeneous Agents and Information Nudges in Non-point Source Water Pollution Management". *Association of Environmental and Resource Economists*. Pittsburgh, Pennsylvania. May 2017.
- 53) Wu, S., A. Zia, M. Ren, and K. Messer. "Simulating Heterogeneous Farmers under Different Policy Schemes: Integrating Economic Experiment and Agent-Based Modeling". *ABM 2017 Conference: Agent-Based Models in the Social, Human-Environment, and Life Sciences*. San Diego, California, April 2017.
- 54) Wu, S., A. Zia, M. Ren, and K.D. Messer. "Simulating Heterogeneous Farmers under Different Policy Schemes: Integrating Economic Experiment and Agent-Based Modeling" *Complexity-Based Analytics and Policies for Social Good (CAPS) 2017*. Washington, DC, April 2016.
- 55) Ellis, S.F., M. Kecinski, K.D. Messer. "Produce Irrigated with Various Types of Nontraditional Water: Detecting Consumer Preferences through Cross-Regional Field Experiments" *Future of Food and Nutrition*, Boston, MA, April 2017.
- 56) Wu, S., L. Palm-Forster, and K. Messer. "Heterogeneous Agents and Information Nudges in Non-point Source Water Pollution Management". Delaware Environmental Institute Graduate Student Research Symposium, Newark, DE, March 16, 2017.
- 57) Xu, H., M. Kecinski, K.D. Messer. "Mid-Atlantic Consumers' Preferences for Produce Irrigated with Recycled Water". Delaware Environmental Institute Graduate Student Research Symposium, Newark, DE, March 16, 2017.
- 58) Messer, K.D., P. Ferraro, and W. Allen. "Behavioral Nudges in Competitive Environments: A Field Experiment Examining Defaults and Social Comparisons in a Conservation Contract Auction." *ACES Conference*, Jacksonville, Florida, December 2016.
- 59) Ellis, S.F., J.R. Fooks, K.D. Messer, and M.J. Miller. "The Effects of Climate Change Information on Charitable Giving for Water Quality Protection: A Field Experiment." *Mid-Atlantic Conference of the American Water Resources Association*, Wilmington, Delaware, September 2016.
- 60) Wu, S. A. Zia, and K.D. Messer. "The Impact of Better Water Quality Information - Experiments and Agent-Based Modeling" *DENIN Graduate Student Symposium*, Newark, Delaware, October 2016.
- 61) Li, T, J. C. Bernard, Z.A. Johnston, K.D. Messer, and H.M. Kaiser. "Consumer Preferences Before and After a Food Safety Scare: An Experimental Analysis of the 2010 Egg Recall." *Agricultural & Applied Economics Association Annual Meeting* (poster), Boston, Massachusetts, July 2016.
- 62) Palm-Forster, L., J. Suter, and K.D. Messer. "Enhancing ambient water quality using agricultural subsidies tied to conservation." *Agricultural & Applied Economics Association Annual Meeting* (poster), Boston, Massachusetts, July 2016.
- 63) Grand, L. J. Fooks, and K.D. Messer. "Testing Policies for Drinking Water Utilities to reduce Non-point source Pollution." *Northeast Agricultural and Resource Economics Association Annual Meeting*, Bar Harbor, Maine, June 2016.

- 64) Kecinski, M., K.D. Messer, and W. Jones. "Economic Status Determines Risk Attitudes about Lead and Arsenic Exposure: A Field Study." *Northeast Agricultural and Resource Economics Association Annual Meeting*, Bar Harbor, Maine, June 2016.
- 65) Palm-Forster, L., J. Suter, and K.D. Messer. "Enhancing ambient water quality using agricultural subsidies tied to conservation." *Northeast Agricultural and Resource Economics Association Annual Meeting*, Bar Harbor, Maine, June 2016.
- 66) Li, T, M. Kecinski, and K.D. Messer. "Heterogeneous Responses and Demographic Differences for Oyster Consumption." *Northeast Agricultural and Resource Economics Association Workshop*, Bar Harbor, Maine, June 2016.
- 67) Kecinski, M., K.D. Messer, L. Knapp, Y. Shirazi. "Consumer Preferences for Oyster Attributes: Field Experiments on Brand, Location and Growing Method." *Northeast Agricultural and Resource Economics Association Workshop*, Bar Harbor, ME, June 2016.
- 68) Wu, S. J. Fooks D. Delaney, and K.D. Messer. "Consumer Demand for Local Honey" *CANR Research Symposium*, Newark, Delaware, May 2016.
- 69) Kecinski, M. and K.D. Messer. "The Effects of Social Preferences on Recycled Drinking Water – An Experimental Investigation." *Economics Science Association*, Dallas, Texas, October 2015.
- 70) J.R. Fooks, K.D. Messer, J.M. Duke, J.B. Johnson, T. Li, and G.R. Parsons. "Tourist Preferences and Externalities of Wind Turbines." *Economic Science Association North American Annual Meeting*, Dallas, Texas, October 2015.
- 71) Grand, L. K.D. Messer, and W. Allen. "Why Conservation Professionals Are Not Adopting Cost-Effective Conservation." *DENIN Graduate Student Symposium*, Newark, Delaware, October 2015.
- 72) Butler, J., J. Fooks, and K. Messer, "Visualization and Collective Identity in Nonpoint Source Pollution Settings." *Behavioral and Experimental Economics Conference*, Haverford, Pennsylvania, October 2015.
- 73) Kecinski, M., K.D. Messer and W. Jones. "Behavioral Responses to Arsenic and Lead Exposure: A Field Study." *Economics Science Association*, Dallas, Texas, October 2015.
- 74) Fooks J.R., K.D. Messer, J.M. Duke, J.B. Johnson, T. Li, and G.R. Parsons, "Tourist Preferences and Externalities of Wind Turbines." *Economics Science Association*, Dallas, Texas, October 2015.
- 75) Messer, K.D., P. Ferraro, and W. Allen. "Behavioral Nudges in Competitive Environments: A Field Experiment of Defaults and Social Comparisons in a Conservation Contracting Auction." *BIOECON*, Cambridge, England, September 2015.

- 76) Kecinski, M., K.D. Messer, A.J. Peo. “Consumer Willingness-to-Pay for the Provision of Water-Quality Services.” *International Conference of Agricultural Economists*, Milan, Italy, August 2015.
- 77) Messer, K.D., P. Ferraro, and W. Allen. “Behavioral Nudges in Competitive Environments: A Field Experiment of Defaults and Social Comparisons in a Conservation Contracting Auction.” *Agricultural and Applied Economics Association*, San Francisco, California, July 2015.
- 78) Fooks, J., K. Messer, and J. Suter. “Spatial Attribution in Nonpoint Source Pollution Settings” *Agricultural and Applied Economics Association* (poster), San Francisco, July 2015.
- 79) Kecinski, M., K.D. Messer, W. Jones. “Behavioral Responses to New Environmental Risks due to Sea Level Rise – On Arsenic and Lead Exposure.” *Camp Resources*, Asheville, NC, August 2015.
- 80) Kecinski, M., K.D. Messer, A.J. Peo. “Consumer Willingness-to-Pay for the Provision of Water-Quality Services.” *Agricultural and Applied Economics Association* (poster), San Francisco, July 2015.
- 81) Fooks, J., S. Ellis, M. Miller, and K. Messer. “Contextual Messaging and Voluntary Contributions to Support Water Quality Improvements and Drinking Water Infrastructure” *Northeastern Agricultural and Resource Economics Association Workshop*, Newport, Rhode Island, June 2015.
- 82) Fooks, J., K. Messer, and J. Suter. “Spatial Attribution in Nonpoint Source Pollution Settings” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 83) Kecinski, M., K. Messer, and A. Peo. “Consumer Willingness-to-Pay Price Premiums for the Provision of Water Quality Environmental Services” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 84) Kecinski, M. and K. Messer “Measuring Consumer Preferences for Drinking Water – from Bottle to Tap to Filter” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 85) Kecinski, M., K. Messer, and W. Jones. “Behavioral Responses to Arsenic and Chromium Exposure – Remediation and Adaption to Sea Level Rise” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 86) Duke, J.M., Zhongyuan Liu, K.D. Messer, H. Michael, and J. Suter. “Optimal Taxes and Welfare in a Spatially Explicit Aquifer: Experimental Evidence” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 87) Butler, J., J. Fooks, and K.D. Messer, “Visualization and Collective Identity in Nonpoint Source Pollution Settings” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 88) Miao, H., J. Fooks, T. Guilfoos, K.D. Messer, J. Suter, S. Trandafir, and E. Uchida. “The Impact of Information on Behavior under an Ambient-Based Policy for Non-Point Source

- Pollution” *Northeastern Agricultural and Resource Economics Association*, Newport, Rhode Island, June 2015.
- 89) Miao, H., J. Fooks, T. Guilfoos, K.D. Messer, J. Suter, S. Trandafir, and E. Uchida. “The Impact of Information on Behavior under an Ambient-Based Policy for Non-Point Source Pollution” *Association of Environmental and Resource Economists*, San Diego, California, June 2015.
 - 90) Messer, K.D., P. Ferraro, and W. Allen. “Behavioral Nudges in Competitive Environments: A Field Experiment of Defaults and Social Comparisons in a Conservation Contracting Auction.” *Association of Environmental and Resource Economists*, San Diego, California, June 2015.
 - 91) Kecinski, M., Kerley-Keisner D., K.D. Messer and W.D. Schulze. “Stigma Mitigation and the Importance of Redundant Treatments: On Overcoming Concerns about Drinking Water Contamination.” *Economic Science Association*, Fort Lauderdale, FL, October 2014.
 - 92) Yan, J., Zarghamee, H., K.D. Messer, H.M. Kaiser and W.D. Schulze. “Can The Voluntary Contribution Mechanism be Efficient? The Role of Social Norms and Automatic Donation in Charitable Giving” *Economic Science Association*, Fort Lauderdale, FL, October 2014.
 - 93) Suter, J., S. Collie, J. Duke, K. Messer, and H. Michael. “Experiments on Groundwater Policy at the Extensive and Intensive Margins.” *Western Agricultural Economics Association*, Colorado Springs, CO, June 2013.
 - 94) Messer, K.D., W. Allen, M. Kecinski, Y. Chen. “Conservation attitudes about cost-effectiveness of land preservation: A case study from Maryland.” *Northeastern Agricultural and Resource Economics Association*, Morgantown, WV, June 2013.
 - 95) Wu, S., J. Fooks, K.D. Messer, and D. Delaney. “The Willingness-to-Pay Discrepancy between Incentive Compatible Auctions and Posted Price Offerings.” *Economics Science Association*, Santa Clara, CA, October 2013.
 - 96) Fooks, J., Messer, K.D., J.M. Duke, J. Johnson, and G. Parsons. “How Will Offshore Energy Production Affect Delaware Beach Visitation?” *Agricultural and Applied Economics Association*, Washington, DC, August 2013.
 - 97) Wiest, W.A., W.G. Shriver, and K.D. Messer. “Improving the protection of salt marshes for tidal marsh bird conservation given limited financial resources in Delaware.” *Society for Conservation Biology 26th International Congress for Conservation Biology*. Baltimore, Maryland, July 2013.
 - 98) Li, J., H. Michael, J.M. Duke, K.D. Messer, J. Suter. “Impact of Risk Information in a Spatially Explicit Groundwater Environment with Contamination Risk: Experimental Evidence” *Northeastern Agricultural and Resource Economics Association*, Ithaca, New York, June 2013.
 - 99) Higgins, N., J.R. Fooks, J.M. Duke, D. Hellerstein, L. Lynch, K.D. Messer. “Conserving Spatially Explicit Benefits in Ecosystem Service Markets” *Northeastern Agricultural and Resource Economics Association*, Ithaca, New York, June 2013.

- 100) Wiest, W.A., W.G. Shriver, and K.D. Messer “Using a binary linear programming optimization model to assess unprotected salt marshes for tidal marsh bird conservation in Delaware.” *Society of Wetland Scientists Annual Meeting*. Duluth, Minnesota, June 2013.
- 101) Delaney, D., J.R. Fooks, K.D. Messer, and S. Wu. “Consumers’ Willingness to Pay for Honey Products.” *Extension Risk Management Education National Conference* (poster), Denver, Colorado, April 2013.
- 102) Duke, J., K.D. Messer, H. Michael, D. Sparks, and J. Li. “Water Sustainability in Coastal Environments: Exploratory Research for an Integrated Study of the Effect of Anticipated Sea Level Rise on Contaminated Site Risk.” *DENIN/ESPCoR Research Symposium* (poster), Newark, Delaware, March 2013.
- 103) Fooks, J., Messer, K.D., J.M. Duke, J. Johnson, and G. Parsons. “An economic analysis of the visual effects of offshore wind projects.” *DENIN/ESPCoR Research Symposium* (poster), Newark, Delaware, March 2013.
- 104) Hoffman, V., K.D. Messer, and J.R. Fooks. “Measuring and Reducing HIV Stigma: A Framed Field Experiment.” *One Health Symposium* (Poster), Newark, Delaware, August 2012.
- 105) Wu, S., J.R. Fooks, K.D. Messer, and D. Delaney. “Consumers’ Perception on Honey Risks.” *One Health Symposium* (poster), Newark, Delaware, August 2012.
- 106) Liu, Z., K.D. Messer, J.M. Duke, H. Michael, and J.F. Suter. “Spatial Externalities and Strategic Behavior in Accessing a Groundwater Resource: Evidence from the Lab.” *Northeastern Agricultural and Resource Economics Association*, Lowell, Massachusetts, June 2012.
- 107) Fooks, J., K.D. Messer, and J.M. Duke “Endogenous Entry of Landowners in Conservation Markets over Time” *Northeastern Agricultural and Resource Economics Association*, Lowell, Massachusetts, June 2012.
- 108) Duke, J.M., S.J. Dundas, R.J. Johnston, and K.D. Messer. “Optimal Supply of Landscape-based Public Goods: Prioritization with and without Spatial Interdependencies.” *Expanding the Scope of Benefit-Cost Analysis: Practical Applications and Analytical Frontiers*, Washington DC, October 2011.
- 109) Hoffman, V., K.D. Messer, and J.R. Fooks. “Aversion to HIV/AIDS Associated Goods: Measuring Stigma through a Willingness-to-Accept Auction.” *International Meeting of the Economic Science Association*, Chicago, Illinois, July 2011.
- 110) Messer K.D., Z. Liu, T. Bounds, and M. Korch. “Readiness and Environmental Initiative - Applying Goal Programming to the Project Selection Process.” *Agricultural and Applied Economics Association*, Pittsburgh, Pennsylvania, July 2011.
- 111) Liu, Z., C. Kantor, K.D. Messer, and H. Kaiser. “Identifying Significant Characteristics of Organic Milk Consumers: A CART Analysis.” *Agricultural and Applied Economics Association*, Pittsburgh, Pennsylvania, July 2011.

- 112) Suter, J., H. Michael, K.D. Messer, J.M. Duke. “An Experimental Investigation of Groundwater Resource Dynamics.” *Northeastern Agricultural and Resource Economics Association*, Pittsburgh, Pennsylvania, July 2011.
- 113) Johnston, Z., J. Bernard, H. Kaiser, and K.D. Messer, “Measuring the Impact of the 2010 Egg Recall on Consumer Behavior.” *Northeastern Agricultural and Resource Economics Association*, Pittsburgh, Pennsylvania, July 2011.
- 114) Fooks J., K.D. Messer, J.M. Duke, D. Hellerstein, L. Lynch, and N. Higgins. “Agglomeration Bonuses and Social Networks in Environmental Markets.” *Northeastern Agricultural and Resource Economics Association*, Pittsburgh, Pennsylvania, July 2011.
- 115) Dundas, S., J.M. Duke, R. Johnston, and K.D. Messer. “Stated Preference and Spatial Location: Optimal Parcel Prioritization with Spatial Interdependencies.” *Northeastern Agricultural and Resource Economics Association*, Pittsburgh, Pennsylvania, July 2011.
- 116) Suter, J., H. Michael, K.D. Messer, J.M. Duke. “An Experimental Investigation of Groundwater Resource Dynamics.” *International Water Resource Economics Consortium Conference*, Banff, Canada, June 2011.
- 117) Messer, K.D., J. Suter, and J. Yan. “Context Effects in a Negative Externality Experiment.” *Heartland Environmental and Resource Economics Workshop*, Urbana-Champaign, Illinois, October 2010.
- 118) Duke, J., L. Lynch, and K.D. Messer. “Competition-based Mechanisms for Ecosystem Services: An Experimental Investigation.” *Heartland Environmental and Resource Economics Workshop*, Urbana-Champaign, Illinois, October 2010.
- 119) Arnold, M., J.M. Duke, and K.D. Messer. “Adverse Selection in Conservation Auctions: Theoretical and Experimental Results.” *Agricultural and Applied Economics Association*, Denver, Colorado, July 2010.
- 120) Fooks, J. and K.D. Messer. “The Application of Multiple Objective Linear Programming to Land Conservation Programs.” *2nd International Conference on Computational Sustainability*, Massachusetts Institute of Technology, Cambridge, Massachusetts, June 2010.
- 121) Fooks, J. and K.D. Messer. “A Case Study of Optimization in Conservation Project Selection: The Pennsylvania Dirt and Gravel Road Program.” *2nd International Conference on Computational Sustainability* (Poster), Massachusetts Institute of Technology, Cambridge, Massachusetts, June 2010.
- 122) Chen, Yu, K.D. Messer, and W. Allen, “Development of a Best Practices Framework for Agricultural Land Preservation Programs in Maryland: Future for Optimization.” *Northeastern Agricultural and Resource Economics Association*, Atlantic City, New Jersey, June 2010.
- 123) Messer, K.D., J. Suter, and J. Yan. “Context Effects in a Negative Externality Experiment.” *Midwest Economics Association*, Chicago, Illinois, March 2010.

- 124) Messer, K.D., J. Yan, and J. Suter. "Context Effects in a Negative Externality Experiment." *Northeast Ohio Economics Workshop*, Federal Reserve Bank, Cleveland, Ohio. November 2009.
- 125) Arnold, M., J.M. Duke, and K.D. Messer. "Adverse Selection in Conservation Auctions: Theoretical and Experimental Results." *Economic Science Association*, Tucson, Arizona, November 2009.
- 126) Messer, K.D., J. Suter, and J. Yan. "Can Context Effects Mitigate the Free-Riding Behavior that Leads to Negative Externalities? An Experimental Investigation." *Economic Science Association*, Tucson, Arizona, November 2009.
- 127) Dillaway, R., K.D. Messer, J. Bernard, and H.M. Kaiser. "Does Consumer Willingness to Pay Change Over Time in Response to Food Scares?" *Northeastern Agricultural and Resource Economics Association*, Burlington, Vermont, June 2009.
- 128) Messer, K.D., J. Suter, and J. Yan. "Can Context Effects Mitigate the Free-Riding Behavior that Causes Negative Externalities?" *Northeastern Agricultural and Resource Economics Association*, Burlington, Vermont, June 2009.
- 129) Payne, C., K.D. Messer, and H.M. Kaiser. "Identifying Characteristics Influencing the Stigma Effect of Mad Cow Disease on Beef Demand" *NEC-63 Research Conference on Commodity Advertising and Promotion*, February 2009.
- 130) Amundsen, O., A. Borchers, K.D. Messer, and Diane Rosencrance. "Strategic Conservation Planning" *Land Trust Alliance Rally*, Pittsburgh, Pennsylvania, September 2008.
- 131) Kanter C., K.D. Messer and H.M. Kaiser. "The Effect of New Choices on Consumers' Perceptions and Willingness-to-Pay for Milk" *American Agricultural Economics Association*, Orlando, Florida, July 2008.
- 132) Kerley, D., K.D. Messer, B. Wansink, H.M. Kaiser, W.D. Schulze. "Expiration Dates and Stigma: Why Don't We Observe Hedonic Markets for Perishable Products?" *American Agricultural Economics Association*, Orlando, Florida, July 2008.
- 133) Doyon, M., V. Simard, K.D. Messer, L.D. Tamini, and H.M. Kaiser. "An Experimental Analysis of Modifications to the Centralized Milk Quota Exchange System in Quebec." *Northeastern Agricultural and Resource Economics Association*, Quebec City, Quebec, June 2008.
- 134) Zarghamee, H., K.D. Messer, H.M. Kaiser and W.D. Schulze. "Why Do People Keep On Giving?" *10th Experimental Economics Days*, CEREN Burgundy School of Business, Dijon, France, May 2008.
- 135) Allen, W.L., Aull-Hyde, R., Duke, J., and K.D. Messer. "Using AHP to Compare Public versus Expert Conservation Priorities", *Northeast Decision Sciences Institute*, New York, New York, March 2008.
- 136) Kerley, D.R., K.D. Messer, W.D. Schulze, B. Wansink, and H.M. Kaiser. "Stigma - Emotions and Risk" *International Meeting on Experimental and Behavioral Economics*, Alicante, Spain, March 2008.

- 137) Messer, K.D., H.M. Kaiser, and C. Payne and B. Wansink. “Advertising’s Power to Inoculate Food Safety Fears” *Economic Science Association*, Tucson, Arizona, October 2007.
- 138) Kerley, D.R., K.D. Messer, W.D. Schulze, B. Wansink, and H.M. Kaiser. “Emotions and Risk” *Economic Science Association*, Tucson, Arizona, October 2007.
- 139) Shawhan, D., K.D. Messer, R. Schuler, and W.D. Schulze. “An Experimental Test of NYISO’s NYC-area Wholesale Price Regulations” *Economic Science Association*, Tucson, Arizona, October 2007.
- 140) Zarghamee, H., K.D. Messer, H.M. Kaiser and W.D. Schulze. “Why Do People Keep Giving? Evidence on Charitable Contributions from the Laboratory and Field” *Economic Science Association*, Tucson, Arizona, October 2007.
- 141) Kanter C., K.D. Messer, H.M. Kaiser and W.D. Schulze. “The Effect of New Choices on Consumers’ Perceptions and Willingness-to-Pay for Milk” *NEC-63 Research Conference on Commodity Advertising and Promotion*, Vancouver, British Columbia, September 2007.
- 142) Messer, K.D. “Promoting Cost Effective Conservation using Binary Linear Programming Techniques in Maryland and Delaware” *Northeastern Agricultural and Resource Economics Association*, Rehoboth Beach, Delaware, June 2007.
- 143) Kerley, D., K.D. Messer, B. Wansink, and W.D. Schulze. “An Experimental Exploration of Risk: Stigma as a Threshold Anomaly” *Northeastern Agricultural and Resource Economics Association*, Rehoboth Beach, Delaware, June 2007.
- 144) Kerley, D., K.D. Messer and W.D. Schulze. “Stigma & Social Preferences: Would You Really Vote to Earn Money and Make Me Drink Cockroach Contaminated Water?” *Third International Meeting on Experimental and Behavioral Economics*, Málaga, Spain, March 2007.
- 145) Platt, L.E., K.D. Messer and G.L. Poe, “Certainty and Hypothetical Bias In Contingent Valuation Elicitation Methods.” *W-133 Benefits and Costs Transfer in Natural Resource Planning*, Richmond, February 2007.
- 146) Messer, K.D. and W.L. Allen, “New Tools to Promote Cost-Effective Farmland Conservation” *American Farmland Trust’s National Conference*, November 2006.
- 147) Kerley, D., K.D. Messer, B. Wansink, and W.D. Schulze. “An Experimental Exploration of Risk: Stigma as a Threshold Anomaly” *Economic Science Association*, Tucson, Arizona, October 2006.
- 148) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the VCM: Experimental Tests of a Model of Social Norms, Context, and Reciprocity” *Economic Science Association*, Tucson, Arizona, October 2006.
- 149) Messer, K.D., G.L. Poe, D. Rondeau, W.D. Schulze and C. Vossler. “Anomalies in Voting: An Experimental Analysis Using a New, Demand Revealing (Random Price Voting) Mechanism.” *Economic Science Association*, Tucson, Arizona, October 2006.

- 150) Messer, K.D., H.M. Kaiser, and C. Payne and B. Wansink. "Advertising's Power to Inoculate Food Safety Fears" *NEC-63 Research Conference on Commodity Advertising and Promotion*, Auburn, Alabama, October 2006.
- 151) Messer, K.D. and J. Suter. "New Tools for Cost Effective Conservation" *Land Trust Alliance Rally*, Nashville, October 2006.
- 152) Messer, K.D., G.L. Poe, D. Rondeau, W.D. Schulze and C. Vossler. "Anomalies in Voting: An Experimental Analysis Using a New, Demand Revealing (Random Price Voting) Mechanism." *American Agricultural Economics Association*, Long Beach, California, July 2006.
- 153) Messer, K.D. and H.M. Kaiser, G.L. Poe. "Voluntary Funding for Generic Advertising Using a Provision Point Mechanism: An Experimental Analysis of Option Assurance" *American Agricultural Economics Association*, Long Beach, California, July 2006.
- 154) Kotani, K., K.D. Messer and W.D. Schulze. "Warm Glow or Helping Hand? The Role of Incentive Compatibility in Voluntary Contributions," *3rd World Congress of Environmental and Resource Economics*, Kyoto, Japan, July 2006.
- 155) Platt, L., K.D. Messer and G.L. Poe. "Certainty and Hypothetical Bias in Contingent Valuation Elicitation Methods." *Northeastern Agricultural and Resource Economics Association*, Mystic, Connecticut, June 2006.
- 156) Kotani, K., K.D. Messer and W.D. Schulze. "Warm Glow or Helping Hand? The Role of Incentive Compatibility in Voluntary Contributions," *The Kyoto Game Theory Workshop*, Kyoto, Japan, March 2006.
- 157) Messer, K.D. and J. Suter, "New Tools for Cost Effective Conservation" *Land Trust Alliance Rally*, Madison, Wisconsin, October 2005.
- 158) Kotani, K., K.D. Messer and W.D. Schulze. "Warm Glow or Helping Hand? The Role of Incentive Compatibility in Voluntary Contributions," *The Conference of Society for Environmental Economics and Policy Studies*, Waseda University, Tokyo, Japan, October 2005.
- 159) Kerley, D., K.D. Messer and W.D. Schulze. "Cockroach-Contaminated Water and Social Preference Theories" *Economic Society Association*, Tucson, Arizona, September 2005.
- 160) Kotani, K., K.D. Messer and W.D. Schulze. "Warm Glow or Helping Hand? The Role of Incentive Compatibility in Voluntary Contributions," *Japanese Economic Association Meeting*, Kyoto Japan, June 2005.
- 161) Messer, K.D., H.M. Kaiser and W.D. Schulze. "Context and Voluntary Contributions: An Experimental Analysis" *Economic Society Association*, Montreal, Canada, June 2005.
- 162) Messer, K.D., T.M. Schmit and H.M. Kaiser. "Optimal Institution Designs for Generic Advertising: An Experimental Analysis". *NEC-63 Research Conference on Commodity Advertising and Promotion*, San Diego, March 2005.

- 163) Messer, K.D. “Optimizing the Conservation Portfolio” *Land Trust Alliance Rally*, Providence, Rhode Island, October 2004.
- 164) Messer, K.D., G.L. Poe, and W.D. Schulze. “Pure Altruism and the Valuation of Risk: Experimental Economic Results from a Coercive, Referendum Setting.” *American Agricultural Economics Association*, Denver, Colorado, August 2004.
- 165) Messer, K.D., Kaiser, H.M., and Schulze, W.D. “Status Quo Bias and Voluntary Contributions: Can Lab Experiments Parallel Real World Outcomes for Generic Advertising?” *American Agricultural Economics Association*, Denver, Colorado, August 2004.
- 166) Messer, K.D., T. Cameron, G. McClelland, K.F. Hackett and W.D. Schulze “Stigma: The Psychology and Economics of Superfund.” *Association for Environmental and Resource Economists Workshop*, Estes Park, Colorado. June 2004.
- 167) Doyon, M, V. Simard, K.D. Messer, and H.M. Kaiser, “Experimental Economics for Policy Analysis: The Case of the Quebec Dairy Quota Exchange” *Canadian Agricultural Economics Society*, Halifax, Canada, June 2004.
- 168) Messer, K.D., Kaiser, H.M., and Schulze, W.D. “Alternative Designs for Funding Generic Commodity Advertising: An Experimental Analysis.” *NEC-63 Research Conference on Commodity Advertising and Promotion*, Baltimore, Maryland, March 2004.
- 169) Messer K.D., G.L. Poe, W.D. Schulze, and D. Rondeau. “Altruism and Willingness to Pay in a Coercive (Referendum) Tax Setting.” *European Association of Environmental & Resource Economics*, Bilbao, Spain 2003.
- 170) Messer, K.D., G.L. Poe, W.D. Schulze and D. Rondeau, “Altruism and Values for Public Goods In A Coercive Tax Setting.” *W-1133 Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands Annual Meeting*, Las Vegas, Nevada, February 2003.
- 171) Messer, K.D., G.L. Poe, W.D. Schulze, and D. Rondeau. “Altruism and Willingness to Pay in a Coercive (Referendum) Tax Setting.” *Second World Congress of Environmental & Resource Economics*, Monterey, California, June 2002.
- 172) Messer, K.D. “Should Poacher’s be Shot on Sight? Efficacy and Ethics.” *Second World Congress of Environmental and Resource Economics*, Monterey, California, June 2002.
- 173) Kotchen, M.J., M.R. Moore, and K.D. Messer. “Impure Green Products as Impure Public Goods: Shade-Grown Coffee and Tropical Biodiversity. *American Agricultural Economics Association*, Tampa, Florida, August 2000.
- 174) Messer, K.D. “Understanding the Farmers’ Perspectives towards Sustainable Agriculture Using the Agrarian-Dialectic Model” *Iowa Academy of Sciences*, Iowa City, Iowa, May 1994.

INVITED PRESENTATIONS AND EXPERIMENT DEMONSTRATIONS[†]

- 1) Messer, K.D. "Water in the Changing Coastal Environment of Delaware" Delaware Extension Share Fair, October 18, 2018

- 2) Rosch, S.*, D. Hellerstein, K. Messer, S. Raszap Skorbiansky, C. Weigel (2018). "Assessing How Well Students in Economics Experiments Model Decision-Making for Farmer and Rural Populations." Invited lecture at University of Delaware Department of Applied Economics and Statistics.
- 3) Messer, Kent. "Consumer Response to Food Produced with Non-Traditional Water: The Good, The Bad, and the Ugly"
- 4) Messer, K. "Applying Behavioral and Experimental Economics to U.S. Agri-Environmental Programs: Benefits, Challenges, & Lessons Learned" Keynote talk at the CAP pre-conference workshop, Vienna, Austria September 2018.
- 5) "Messer, K. ""Evaluation of the social, behavioral and economic factors impacting consumer response to food produced with nontraditional irrigation water."" CONSERVE annual meeting, College Park, Maryland, July 2018"
- 6) Messer, Kent. "Agri-Environmental Economic Field Experiments: Challenges, Benefits and Lessons Learned." CBEAR Spring Seminar Series - Behavioral Science in Agri-Environmental Program Designs, Washington, DC, April 2018.
- 7) Ellis, S.F., M. Kecinski, K. Messer, and J. Lusk. "Neurologically Understanding Consumer's Subconscious Biases for Foods Grown with Irrigated Recycled Water", CANR Research Symposium, Newark, DE, April 2018.
- 8) Ferraro P.J. M. Masters, K.D. Messer, C. Weigel. "Behavioral Economics in the Business World" Appalachian State University Experimental and Environmental Policy Workshop, Blowing Rock, NC, April 27-28 2018.
- 9) Messer, K.D. "Testing Behavioral Approaches to Nudge Households into Reducing Nonpoint Source Water Pollution: Insights and Challenges" Appalachian State University Experimental and Environmental Policy Workshop, Blowing Rock, NC, April 27-28 2018.
- 10) Palm-Forster, L.H., N. Janusch, K.D. Messer, and P.J. Ferraro. "AgE MINDSPACE: Addressing Agri-Environmental Challenges with Insights from Behavioral Economics" Appalachian State University Experimental and Environmental Policy Workshop, Blowing Rock, NC, April 27-28 2018.
- 11) Palm-Forster, L.H., N. Janusch, K.D. Messer, and P.J. Ferraro. "Behavioral Insights for Agri-Environmental Program and Policy Design: A literature review." CBEAR Spring Seminar Series - Behavioral Science in Agri-Environmental Program Designs, Washington, DC, April 25 2018.
- 12) Wu, S., L. Palm-Forster, and K. Messer. "Social Comparisons and Producer heterogeneity in a Non-Point Source Water Pollution Setting", Symposium in Memory of Gregory L. Poe, Cornell University, Ithaca, New York, April 2018
- 13) Li, T., J. Fooks, K. Messer, and P. Ferraro, "A Field Experiment to Estimate the Effects of Anchoring and Framing on Residents' Willingness to Purchase Water Runoff Management Technologies", Symposium in Memory of Gregory L. Poe, Cornell University, Ithaca, New York, April 2018

- 14) Messer, K.D. "Nudging Households to Reduce Nonpoint Source Water Pollution: A Field Experiment." University of Rhode Island, Kingston, Rhode Island, March 2018.
- 15) Messer, K.D. "An Economic Research Perspective on Environmental Sensing." 2018 Delaware Environmental Sensing Symposium, Newark, Delaware, January 2018.
- 16) Messer, K.D. and I. Kan. "Economic and Social Drives Affected Water Reuse." Forum on Water Reuse, Food, and Health. Jerusalem, Israel, January 2018.
- 17) Messer, K.D. "Can Behavioral Economics Improve Environmental Outcomes in an Agricultural Context?" USDA Animal and Plant Health Inspection Service, Ft. Collins, Colorado, December 2017.
- 18) Messer, K.D. "Developing Evidence-Based Educational Programs to Improve Homeowner Behavior to Protect the Inland Bays". Lewes, Delaware, December 2017.
- 19) Messer, K.D., P. Ferraro, C. Weigel, and T. Li. "Inducing Behavioral Change among Households to Improve the Environmental Quality of the Delaware River Watershed: A Behavioral Science Approach." Delaware Watershed Research Conference. Philadelphia, Pennsylvania, November 2017.
- 20) Messer, K.D. and P. Ferraro. "Can Behavioral Economics Improve Environmental Outcomes in an Agricultural Context?" University of Alberta, Edmonton, October 2017
- 21) Ritchie, K, M. Kecinski, K.D. Messer, V. Perez "Behavioral responses to home drinking water quality: A field study in an environmentally burdened community" Water Symposium. Newark, Delaware. September 2017.
- 22) Messer, K. 2017. "Recycled Water: Can Americans Stomach This Potential Solution to Water Shortages?" *Osber Institute*, Wilmington, Delaware, September 2017.
- 23) Messer, K. "Production labeling: The Good, The Bad, and The Ugly." *European Agricultural Economics Association*. Parma, Italy. August 2017.
- 24) Messer, K. " Should Deception Be Allowed in Experimental Economics?" *European Agricultural Economics Association*. Parma, Italy. August 2017.
- 25) Messer, K.D. "Applying Behavioral Insights to Improve Water Security." *American Water Resources Association – Delaware Chapter*. Newark, Delaware, April 2017.
- 26) Messer, K.D. Applying Behavioral Insights to Improve Water Security in an Agri-Environmental Context. *AAEA Workshop - Water Resources & Policy: Exploring the Risks, Benefits and Opportunities for Conservation*. Washington, DC, March 2017.
- 27) Messer, K., P. Ferraro, Fooks, J, L. Palm- Forester, M. Kecinski, S. Ellis, J. Suter, C. Weigel, N. Janusch, T. Li. 2017. "Applying Behavioral Insights to Improve Water Security in an Agri-Environmental Context." *Presented at CFARE*. Washington, DC. March 2017.
- 28) Messer, K.D. "Understanding Behavioral in an Agri-Environmental Context: An Experiment Demonstration." *UD in DC*. Washington, DC. March 2017.

- 29) Messer, K.D. “Applying Behavioral and Experimental Economics to Agri-Environmental Contexts: An Experiment Demonstration.” *USDA Agricultural Outlook Forum*. Washington, DC. February 2017.
- 30) Messer, K.D. “Consumer Demand for Oysters: Lessons Learned and Implication to the Oyster Aquaculture Industry.” *University of Delaware*, Lewes, Delaware, February 2017.
- 31) Messer, K.D. “Scientific Society Efforts and Perspectives.” *U.S. Department of Agriculture (USDA) Dialogue with Journal Editors and Scientific Societies on Enhancing Rigor & Reproducibility in the Reporting of Agricultural, Forestry, and Nutrition Research*, January 2017.
- 32) Messer, K.D. “The Center for Behavioral and Experimental Agri-Environmental Research.” *National Association for Conservation Districts Annual Conference: Executive Board and Board of Directors*. Denver, Colorado, January 2017.
- 33) Messer, K.D. “Field Experiments and Randomized Controlled Trials.” *NEWNet Policy Makers Workshop: Human Behavior, Sensor Networks and Water Quality Three State “Virtual” Conference*. Newark, Delaware, January 2017.
- 34) Kecinski, M., K.D. Messer, W. Jones. ”Economic Status Determines Risk Attitudes about Lead and Arsenic Exposure: A Field Study.” *University of Alberta*, Edmonton, Alberta, January 2017.
- 35) Messer, K.D., P. Ferraro, and W. Allen. “Behavioral nudges in competitive environments: A field experiment and replication examining defaults and social comparisons in a conservation contract auction.” *University of Connecticut*, Storrs, Connecticut, October 2016.
- 36) Kecinski, M., T. Li, and K.D. Messer. “Environmental Implications of Consumer Demand for Oysters.” *The Nature Conservancy*. New Jersey. September 2016.
- 37) Messer, K.D. “Applying Behavioral and Experimental Economics to Agri-Environmental Contexts: An Experiment Demonstration.” *USDA Farmers Market*. Washington, DC. September 2016.
- 38) Kecinski, M. and K.D. Messer. ”Social Preferences and Communication as Stigma Mitigation Devices Evidence from Recycled Drinking Water Experiments.” *University of Florida*, Gainesville, Florida, July 2016.
- 39) Kecinski, M. and K.D. Messer. ”Social Preferences and Communication as Stigma Mitigation Devices Evidence from Recycled Drinking Water Experiments.” *University of Florida*, Immokalee, Florida, July 2016.
- 40) Messer, K.D. “Field Experiments in Agri-Environmental Research.” *Agricultural and Applied Economics Association Preconference Workshop on Experimental Economics*. Boston, MA, July 2016.
- 41) Messer, K.D. “Incorporating Behavioral Science and Evidence-Based Policy in the Food-Energy-Water Nexus” *Northeastern Regional Association-Northeast Extension Directors Association Joint Summit*. Pittsburgh, PA, June 2016.

- 42) Kecinski, M., K.D. Messer, W. Jones. "Economic Status Determines Risk Attitudes About Lead and Arsenic Exposure: A Field Study." *University of Alberta*, Edmonton, Alberta, June 2016.
- 43) Messer, K.D. and M. Kecinski, "Behavioral Response to Contamination." *Presentation as part of UD's celebration National Public Health Week*, Newark, DE, April 2016.
- 44) Kecinski, M. and K.D. Messer. "Social Preferences and Communication as Stigma Mitigation Devices Evidence from Recycled Drinking Water Experiments." *Utah State University*, Logan, Utah, February 2016.
- 45) Messer, K.D., S. Bligh, M. Costanigro, H.M. Kaiser, "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Elanco*, Indianapolis, IN, January 2016.
- 46) Messer, K.D., S. Bligh, M. Costanigro, H.M. Kaiser, "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Osher Institute*, Wilmington, DE, October 2015.
- 47) Messer, K.D., S. Bligh, M. Costanigro, H.M. Kaiser, "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Russell Senate Office Building*, Washington DC, October 2015.
- 48) Messer, K.D., S. Bligh, M. Costanigro, H.M. Kaiser, "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Longworth House Office Building*, Washington DC, October 2015.
- 49) Messer, K.D., S. Bligh, M. Costanigro, H.M. Kaiser, "Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations." *Grocery Manufacturers Association*, Washington DC, October 2015.
- 50) Messer, K.D. and P. Ferraro. "Vision for the Center for Behavioral and Experimental Agri-Environmental Research (CBEAR)." *National Association of State Conservation Agencies*, Corpus Christi, September 2015.
- 51) Messer, K.D. J. Butler, J. Fooks. "Nudges in the Right Direction: Environmental Protection and Behavioral Economics." *Rare*. Washington DC, September 2015.
- 52) Messer, K.D. and M. Kecinski. "Measuring Consumer Preferences for Drinking Water – from Bottle to Tap to Filter" *EPSCoR Retreat*, Delaware City, Delaware, June 2015.
- 53) Messer, K.D. "Feeding the World and Protecting the Environment: Applying Behavioral Economic to Agri-environmental Policy" *Osher Institute*, Wilmington, DE, March 2015.
- 54) Messer, K.D., P. Ferraro, and W. Allen. "Will Nudges Work in Conservation Markets? A Natural Field Experiment of Defaults & Social Comparisons." *Cornell University*, Ithaca, New York, March 2015.

- 55) Messer, K.D. “Preserving More with Less.” *Osber Institute*, Wilmington, DE, September 2014.
- 56) Messer, K.D. and P. Ferraro. “Vision for the Center for Behavioral and Experimental Agri-Environmental Policy Research.” *Economic Research Service*, Washington, DC, October 2014.
- 57) Suter, J., S. Collie, J. Duke, K. Messer, and H. Michael. “Experiments on Groundwater Policy at the Extensive and Intensive Margins.” *University of Nebraska*, Lincoln, NE, October 2014.
- 58) Olson, S., W. Jones, J. Fooks, L. Grand, M. Kecinski, K.D. Messer. “Understanding Responses to Contamination Risk.” (poster) *Delaware Environmental Institute Undergraduate Research Symposium*, Newark, Delaware, May 2014.
- 59) Messer, K.D. “Preserving More with Less.” *American Farmland Trust Conference*, Hersey, Pennsylvania, May 2014.
- 60) Kecinski, M., J. Fooks and K.D. Messer. “Stigma and Contamination: Evidence for Experimental Economics.” (poster) *Delaware Environmental Institute External Advisory Board*, Newark, Delaware, April 2014.
- 61) Fooks, J. and K.D. Messer. “Policy and Monitoring Regimes to Reduce Non-Point Pollution: AN Experimental Economics Approach Using Spatially Explicit Stream Pollution Dynamics.” (poster) *Delaware Environmental Institute External Advisory Board*, Newark, Delaware, April 2014.
- 62) Messer, K.D. “Consumer Behavior: Food Risks and Labelling.” *Plant and Soil Sciences* (course PLSC 267), Newark, Delaware, April 2014.
- 63) Messer, K.D. “Maximizing Conservation: The Economic Science of Doing More with Less.” *DENIN Celebration of the Unidel Endowed Chairs*, Newark, Delaware, November 2013.
- 64) Messer, K.D. “Investigations of the Behavioral Response to Contamination Risk.” *Workshop on Sea Level Rise and Contaminated Sites*, Newark, Delaware, November 2013.
- 65) Li, J., H. Michael, J.M. Duke, K.D. Messer, J. Suter. “Impact of Risk Information in a Spatially Explicit Groundwater Environment with Contamination Risk: Experimental Evidence” *Northeast Water Network (NEWRnet) Social Dimension Retreat*, Newark, Delaware, September 2013.
- 66) Messer, K.D. and W.L. Allen. “Optimizing the Conservation Portfolio” *GI201: Implementing Green Infrastructure at Multiple Scales*. National Conservation Training Center, Shepherdstown, West Virginia, September 2013.
- 67) Messer, K.D. and W.L. Allen. “Optimization/LSP Practicum” *GI201: Implementing Green Infrastructure at Multiple Scales*. National Conservation Training Center, Shepherdstown, West Virginia, September 2013.
- 68) Fooks J., N. Higgins, K.D. Messer, J. Duke, D. Hellerstein, and L. Lynch. “Applying Economic Experiments to Improve the Design and Implementation of Conservation Programs” *Agricultural Markets for Ecosystem Services at the Economic Research Service*, Washington DC, August 2013.

- 69) Delaney, D., K.D. Messer, S. Wu, and J.R. Fooks. “Pricing and Marketing Risk Management Education for Honey Producers” *Honey Producers Working Group*, Newark, Delaware, July 2013.
- 70) Messer, K.D. “Writing and Publishing in Economics” *NAREA Career Advancement and Mentorship Program*, Ithaca, New York, June 2013.
- 71) Messer, K.D. “Environmental Conservation: Dom Pérignon or Two-Buck Chuck?” *Science Café*, Newark, Delaware, May 2013.
- 72) Messer, K.D. “Contamination and Threats Associated with Sea Level Rise.” *St. Jones River and Watershed: Historical Significance and Outlook*, Delaware National Estuarine Research Reserve, Kitts Hummock, Delaware, April 2013.
- 73) Fooks, J., Messer, K.D., J.M. Duke, J. Johnson, and G. Parsons. “An economic analysis of the visual effects of offshore wind projects.” *UD Day in DC* (poster), Russell Senate Building, Washington, DC, March 2013.
- 74) Duke J., H Michael, K Messer, D Sparks, and J Li. “Anticipated Sea Level Rise and Coastal Contaminated Sites: Evidence and Research Plan”, Water Sustainability and Climate Principal Investigator’s Meeting, Arlington, Virginia, March, 2013.
- 75) W.L. Allen and K.D. Messer, “GIS and Optimization Tools for Linking Transportation and Natural Resource Planning: An Approach for Optimizing Mitigation in a Fiscally Constrained Environment” *National Highway Institute Innovations Web Conference*, December 2012.
- 76) Messer, K.D. “What Makes Consumer Pay More (Or Less!) Better Ways of Gauging Purchasing Behaviors in Response to Food Safety Risks” *New York Produce Show & Conference*, New York City, December 2012.
- 77) Fooks J., K.D. Messer, J.M. Duke, J. Johnson, and G. Parsons, “How Will Offshore Energy Production Affect Delaware Beach Visitation?” *Center for Carbon-free Power Integration Research Seminar*, Newark, Delaware, November 2012.
- 78) Messer, K.D. “Using Optimization to Achieve Better Green Infrastructure Outcomes” *National Conservation Training Center*, Shepherdstown, West Virginia, September 2012.
- 79) Fooks J., K.D. Messer, J.M. Duke, J. Johnson, and G. Parsons, “How Will Offshore Energy Production Affect Delaware Beach Visitation?” *Osher Institute*, Wilmington, Delaware, September 2012.
- 80) Jones, W., Olson, S. and K.D. Messer. “An economic analysis of the visual effects of offshore wind projects.” *University of Delaware Summer Research Symposium*, Newark, Delaware. August 2012.
- 81) Messer, K.D. and W.L. Allen “Optimizing the Conservation Portfolio” *GI201: Implementing Green Infrastructure at Multiple Scales*. National Conservation Training Center, Shepherdstown, West Virginia, July 2012.

- 82) Suter, J., J.M. Duke, and K.D. Messer, and H. Michael “Behavior in a Spatially-Explicit Groundwater Resource: Evidence from the Lab” *National Institute for Food and Agriculture*, Washington, DC, April 2012.
- 83) Messer, K.D. “Integrating Experimental Economics Into Multidisciplinary, Environmental Research” *Delaware Environmental Instituted External Advisory Board*, Newark, Delaware, March 2012.
- 84) Messer, K.D. “Applying Optimization to Achieve Better Conservation Outcomes” *National Conservation Training Center*, Shepherdstown, West Virginia, March 2012.
- 85) Messer, K.D. “Applying Optimization to Enhance Conservation Programs in Delaware” *Delaware Department of Natural Resource and Environmental Control*, Dover, Delaware, January 2012.
- 86) Fooks J., K.D. Messer, J.M. Duke, D. Hellerstein, L. Lynch, and N. Higgins. “Conserving Spatial Benefits in Environmental Markets.” *USDA Economics Research Service*, Washington DC, January 2012.
- 87) Fooks J., K.D. Messer, J.M. Duke, J. Johnson, and G. Parsons, “An Economic Analysis of the Visual Effects of Offshore Wind Projects.” (Poster) *DENIN Research Symposium*, Newark, Delaware, January 2012.
- 88) Hoffman, V., K.D. Messer, and J.R. Fooks. “Reducing HIV Stigma: Measuring the Effectiveness of Various Interventions.” *Lehigh University*, Lehigh, Pennsylvania, November 2011.
- 89) Messer, K.D. “Achieving Cost Effective Conservation in Texas.” *Hill Country Conservancy*, Austin, Texas, November 2011.
- 90) Duke, J.M., S.J. Dundas, R.J. Johnston, and K.D. Messer. "Landscape-based Public Goods: Benefit-Cost prioritization with and without Spatial Interdependencies." *NCSU Center for Environmental and Resource Economic Policy Bi-Monthly Luncheon Colloquium*. Raleigh, North Carolina, October 2011.
- 91) Suter, J., J.M. Duke, and K.D. Messer, and H. Michael “Behavior in a Spatially-Explicit Groundwater Resource: Evidence from the Lab.” *Binghamton University*, Binghamton, New York, October 2011.
- 92) Messer, K.D. “Applying Optimization to Achieve Better Conservation Outcomes”. *National Conservation Training Center*, Shepherdstown, West Virginia, September 2011.
- 93) Messer, K.D. “Maximizing Conservation: How Economic Tools Can Help Achieve Better Conservation Outcomes.” *Osher Institute*, Wilmington, Delaware, September 2011.
- 94) Messer, K.D. “The Use of Experimental Economics in to Understand Risk Related Agriculture and the Environment.” *Northeast Center for Risk Management Education*, Philadelphia, Pennsylvania, September 2011.

- 95) Hoffman, V., K.D. Messer, and J.R. Fooks. “Reducing HIV Stigma: Measuring the Effectiveness of Various Interventions.” *University of Delaware Economics Seminar Series*, Newark, Delaware, September 2011.
- 96) O’Dowd, R. and K.D. Messer. “An Economic Analysis of the Visual Effects of Offshore Wind Projects.” *EPSCoR Undergraduate Research Symposium*, Newark, Delaware. August 2011.
- 97) Messer, K.D., A. Borchers, and J.R. Fooks. “Economic Experiment Demonstration.” *NAREA/AAEA 2011 Early Career Development Workshop*, Pittsburgh, Pennsylvania, July 2011.
- 98) Messer, K.D. “Identifying and Selecting Strategic Mitigation Opportunities” *State of Maryland Highway Administration*, Baltimore, Maryland, June 2011.
- 99) Messer, K.D., J.M. Duke, J. Johnson, G. Parsons, and J.R. Fooks “An Economic Analysis of the Visual Effects of Offshore Wind Projects.” (Poster) *Delaware EPSCoR Annual Meeting*, Dover, Delaware, April 2011.
- 100) Messer, K.D., J.M. Duke, J. Johnson, G. Parsons, and J.R. Fooks “An Economic Analysis of the Visual Effects of Offshore Wind Projects.” (Poster) *CANR Ag Day*, Newark, Delaware, April 2011.
- 101) Messer, K.D., “Optimizing the Selection of Conservation Projects.” *College of Earth, Ocean, and the Environment*, Newark, Delaware, February 2011.
- 102) Messer, K.D., “Authorship Panel.” *Training Course on Responsible Conduct of Research*, Newark, Delaware, January 2011.
- 103) Messer, K.D., “The Economics and Psychology of Consumer Stigma for Food.” *International Crops Research Institute for the Semi-Arid Tropics*, Hyderabad, India, January 2011.
- 104) Messer, K.D., “The Economics of Stigma: An Experimental Investigation.” *International Workshop on Stigma and Discrimination – C.A.R.E. Foundation*, Namakkal, India, January 2011.
- 105) Messer, K.D., “The Economics of Stigma.” *Madras Christian College*, Chennai, India, January 2011.
- 106) Messer, K.D., H. Michael, and J.M. Duke, “An Experimental Economics Investigation of Groundwater Resource Dynamics.” *Delaware Environmental Institute - External Advisory Board Meeting*, Newark, Delaware, November 2010.
- 107) Fooks, J. and K.D. Messer. “A Case Study of Optimization in Conservation Project Selection: The Pennsylvania Dirt and Gravel Road Program.” *Delaware Environmental Institute - External Advisory Board Meeting* (Poster), Newark, Delaware, November 2010.
- 108) Higgins, N., K.D. Messer, J.M. Duke, L. Lynch, D. Hellerstein, and J.R. Fooks, “Applying Economic Experiments to Improve the Design and Implementation of Conservation Programs” *EMAGG Workshop at the Economic Research Service*, Washington DC, November 2010.

- 109) Messer, K.D. and A. Borchers. “Getting the Most Bang for your Conservation Buck: The Importance of Selection.” *Land Trust Alliance Rally*, Hartford, Connecticut, October 2010.
- 110) Messer, K.D. “The Economics of Conservation.” *National Conservation Training Center*, Shepherdstown, West Virginia, September 2010.
- 111) Arnold, M., J.M. Duke, and K.D. Messer. “Adverse Selection in Conservation Auctions.” *USDA Forest Service – Rocky Mountain Research Station*, Fort Collins, Colorado, July 2010.
- 112) Messer, K.D. “The Use of Experimental Economics in Agricultural and Resource Economics Research.” *NAREA Young Scholar’s Event*, Atlantic City, New Jersey, June 2010.
- 113) Messer, K.D. “Introduction to the Experimental Laboratory for Policy and Behavioral Research: Applying Experimental Economics in Agricultural and Resource Economics Research.” *LEADelaware*, Newark, Delaware, June 2010.
- 114) Arnold, M., J.M. Duke, and K.D. Messer. “Adverse Selection in Conservation Auctions: Theoretical and Experimental Results.” *Economics Seminar Series, Alfred Lerner College of Business and Economics*, University of Delaware, Newark, Delaware, May 2010.
- 115) Messer, K.D. “Getting the Most Conservation Bang for the Buck: Implications for Water Quality Protection.” *Financing Forest Conservation Board of Advisors*, Leominster, Massachusetts, May 2010.
- 116) Messer, K.D. “Using Optimization to Improve Watershed Management: Demonstration.” *Center for Watershed Protection*, Ellicott City, Maryland, May 2010.
- 117) Messer, K.D. “Research on Consumer Response to Food Scares.” *Pickle Packers International*, Philadelphia, Pennsylvania, April 2010.
- 118) Messer, K.D. “Strategic Conservation using a Green Infrastructure Approach.” *National Conservation Training Center*, Shepherdstown, West Virginia, March 2010.
- 119) Messer, K.D., J.M. Duke, L. Lynch, M. Arnold, “Applying Economic Experiments to Improve the Design and Implementation of Environmental Markets.” *USDA Economic Research Service*, Washington, D.C., March 2010.
- 120) Dillaway, R., K.D. Messer, J. Bernard, and H.M. Kaiser. “Does Consumer WTP Change Over Time in Response to Food Scares?” *Texas A&M Department of Agricultural Economics Seminar Series*, December 2009.
- 121) Messer, K.D. and W.L. Allen. “Development of a Best Practices Framework for County Land Protection Programs in Maryland.” *Maryland Agricultural Lands Preservation Foundation*, Annapolis, Maryland, November 2009.
- 122) Allen, W.L. and K.D. Messer. “Planning the Green and the Grey as Complementary Systems.” *National Conservation Training Center*, Shepherdstown, West Virginia, July 2009.

- 123) Schulze, W.D., K.D. Messer, H.M. Kaiser, and B. Wansink “Emotion and Markets.” *Food Executive Program*, Ithaca, New York, July 2009.
- 124) Shawhan, D., K.D. Messer, R. Schuler, and W.D. Schulze. “An Experimental Test of Automatic Mitigation of Wholesale Electricity Prices.” *New York Independent System Operators*, New York, July 2009.
- 125) Messer, K.D. “Running Your Own Experiment: An Experiment Demonstration.” *Northeastern Agricultural and Resource Economics Association Workshop on Experimental Economics*, Burlington, Vermont, June 2009.
- 126) Messer, K.D. and W.L. Allen. “Optimizing Project Selection for U.S. Military Bases and Installations.” *Readiness and Environmental Protection Initiative*, Aberdeen, Maryland, December 2008.
- 127) Dillaway, R., K.D. Messer, J. Bernard, and H.M. Kaiser. “What You Don’t Know May Kill You: The Freakonomics of Food Safety Scares and Consumer Behavior.” *University of Delaware Academy of Lifelong Learning*, Wilmington, Delaware, November 2008.
- 128) Allen, W.L. and K.D. Messer. “Optimizing Project Selection for the U.S. Army Compatible Use Buffer Program.” *US Army*, Aberdeen, Maryland, September 2008.
- 129) Messer, K.D. “Achieving Cost Effective Conservation.” *Brandywine Conservancy*, Chadds Ford Pennsylvania, June 2008.
- 130) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *Economics Seminar Series, Alfred Lerner College of Business and Economics*, May 2008.
- 131) Messer, K.D. “Why Do People Keep Giving? Evidence on Charitable Contributions from the Laboratory and Field.” *University of Delaware*, Newark, Delaware, Department of Economics Seminar Series, April 2008.
- 132) Zarghamee, H. K.D. Messer, H.M. Kaiser and W.D. Schulze. “Why Do People Keep Giving?” *Florida State University*, Tallahassee, FL, Macro/Micro Workshop Series, March 2008.
- 133) Messer, K.D. “The Problem of Funding Generic Advertising.” *University of Delaware*, Food & Resource Economics Seminar Series, Newark, Delaware, November 2007.
- 134) Kerley, D.R., K.D. Messer, W.D. Schulze, B. Wansink, and H.M. Kaiser. “Stigma - Emotions and Risk.” *Department of Economics at the University of Minho Seminar Series*, Braga, Portugal, December 2007.
- 135) Zarghamee, H., K.D. Messer, H.M. Kaiser and W.D. Schulze. “Why Do People Keep Giving? Evidence on Charitable Contributions from the Laboratory and Field.” *University of New Mexico*, Albuquerque, New Mexico, November 2007.
- 136) Messer, K.D. “The Effect of New Choices on Consumers’ Perceptions and Willingness-to-Pay for Milk.” *New York State Milk Promotion Order Advisory Board*, Syracuse, New York, June 2007.

- 137) Messer, K.D. “New Tools to Promote Cost Effective Conservation.” *New York State Cooperative Extension*, Ithaca, New York, March 2007.
- 138) Messer, K.D., H.M. Kaiser, C. Payne, and B. Wansink. “Measuring the Impact of Media Information about Mad Cow Disease on Consumers’ Willingness-to-Pay and Risk Attitudes” *Oklahoma State University*, Stillwater, Oklahoma, March 2007.
- 139) Messer, K.D., G.L. Poe, D. Rondeau, W.D. Schulze and C. Vossler. "Altruism and Voting." *University of Tennessee Economics Club*, Knoxville, Tennessee, February 2007.
- 140) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *US Environmental Protection Agency*, Washington, D.C. February 2007.
- 141) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *Colorado School of Mines*, Golden, Colorado; February 2007.
- 142) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *University of Washington*, Seattle, Washington. January 2007.
- 143) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *USDA Economic Research Service*, Washington D.C. January 2007.
- 144) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *Virginia Commonwealth University*, Richmond, Virginia. January 2007.
- 145) Messer, K.D. and O. Amundsen. “New Tools to Promote Cost Effective Conservation in New York.” *New York State of Department of Environmental Protection*, Albany, New York, January 2007.
- 146) Messer, K.D., H.M. Kaiser, C. Payne, and B. Wansink. “Advertising’s Power to Inoculate Food Safety Fears” *New York State Milk Promotion Order Advisory Board*, Syracuse, New York, January 2007.
- 147) Messer, K.D. and O. Amundsen. “New Tools to Promote Cost Effective Conservation” *The Nature Conservancy of New York*, Albany, New York New York, January 2007.
- 148) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *San Francisco State University*, San Francisco, California;
- 149) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *Santa Clara University*, Santa Clara, California;
- 150) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism.” *Williams College*, Williamstown, Massachusetts, January 2007.
- 151) Messer, K.D. “Getting More Bang for the Conservation Buck.” *Stratus Consulting*, Boulder, Colorado, December 2006.

- 152) Messer, K.D. “Optimization of Conservation Priorities of the Open Space Institute.” *The Open Space Institute*, New York, New York, December 2006.
- 153) Kerley, D., K.D. Messer, B. Wansink, H.M. Kaiser, W.D. Schulze. “Milk Risks: An Experimental Exploration.” *New York State Milk Promotion Order Advisory Board*, Ithaca, New York, October 2006.
- 154) Messer, K.D. “The Conservation Benefits of Cost-Effective Land Acquisition.” *University of Florida*, Gainesville, Florida, September 2006.
- 155) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the Voluntary Contribution Mechanism: The Effects of Framing and Context.” *Heartland Environmental and Resource Economics Workshop*, Ames, Iowa, September 2006.
- 156) Messer, K.D., H. Zarghamee, H.M. Kaiser and W.D. Schulze. “New Hope for the VCM: Experimental Tests of a Model of Social Norms, Context, and Reciprocity.” *Conference on the Private Provision of Public Goods*, Cornell University, May 2006.
- 157) Messer, K.D., G.L. Poe, D. Rondeau, W.D. Schulze and C. Vossler. “Altruism and Voting: An Experimental Analysis using a Random-Price Voting Mechanism.” *Department of Economics, University of Tennessee*, Knoxville, Tennessee, March 2006.
- 158) Messer, K.D. “Improved Use of Conservation Dollars: Optimization of Conservation Opportunities.” *Baltimore County*, Townsend, Maryland, March 2006.
- 159) Messer, K.D. “Improved Use of Conservation Dollars: Optimization of Conservation Opportunities.” *The Conservation Fund, Delaware Chapter*, Dover, Delaware, October 2005.
- 160) Messer, K.D. “Improved Use of Conservation Dollars: Optimization of Conservation Opportunities.” *Great Outdoors Colorado*, Denver, Colorado, September 2005.
- 161) Messer, K.D. “Improved Use of Conservation Dollars: Optimization of Conservation Opportunities.” *The Conservation Fund, Office of Strategic Conservation*, Raleigh, North Carolina, August 2005.

PROFESSIONAL ASSOCIATIONS

- Northeastern Agricultural and Resource Economics Association
 - Board of Directors, 2008-2011.
 - Young Scholars Planning Committee, 2009-present.
 - Co-chair of 2009 NAREA Workshop entitled “Methods Workshop on Applying Experimental Economics to Environmental, Resource, and Agricultural Issues”
 - Organizing Committee – 2015 NAREA Workshop entitled, “Economics of Water Quality”
- Delaware Environmental Institute (DENIN)
 - Executive Committee (2015-present)
 - Affiliate (2010-present)

- Association of Environmental and Resource Economists
- Agricultural and Applied Economics Association
- American Economic Association
- Economic Science Association

PEER REVIEWS

Agricultural and Applied Economics Association
Agricultural and Resource Economics Review
Amber Waves
American Agricultural Economics Association
American Economic Review
American Journal for Agricultural Economics
Applied Economics
Annals of Operations Research
Australian Journal of Environmental Management
BARD Foundation
Conservation Biology
Ecological Economics
Environment and Development Economics
Environmental and Resource Economics
Food Policy
International Review of Environmental and Resource Economics
Journal of Agricultural and Applied Economics
Journal of the Association for Environmental and Resource Economists
Journal of Behavioral and Experimental Economics
Journal of Economic Behavior and Organization
Journal of Environmental Economics and Management
Journal of Environmental Management
Journal of Forestry
Journal of Public Economics
Journal of Risk Research
Journal of Strategic Behavior and the Environment
Land Economics
Natural Resource Modeling
Resource and Energy Economics
Southern Economic Review
Wiley & Sons Publishing

LANGUAGES

- Fluent in Spanish

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