

Leah H. Palm-Forster

Department of Applied Economics and Statistics, University of Delaware
Townsend Hall, Rm. 206, Newark, DE 19716-2130
(302) 831-1325 (Office); leahhp@udel.edu ([website](#))

Education

Ph.D. Michigan State University, East Lansing, MI, 2015

Agricultural, Food, & Resource Economics (Field: Environmental & Resource Economics)

M.S. Virginia Tech, Blacksburg, VA, 2011

Agricultural & Applied Economics

B.S. Virginia Tech, Blacksburg, VA, 2009

Dual degrees in Agricultural & Applied Economics *and* Animal & Poultry Sciences,
Honors Scholar, Summa Cum Laude

Professional Appointments

Department of Applied Economics & Statistics, University of Delaware, Newark, DE

Professor, 2026–Present

Associate Department Chair, 2024–Present

Graduate Director, M.S. in Agricultural & Resource Economics, 2021–2024

Associate Professor, 2021–2026

Assistant Professor, 2015–2021

School of Marine Science & Policy, University of Delaware, Newark, DE

Joint faculty appointment, 2022–Present

Center for Experimental & Applied Economics, University of Delaware, Newark, DE

Director, 2023–Present

Associate Director, 2018–2023

Center for Behavioral & Experimental Agri-Environmental Research

Fellow, 2015–Present

Peer-reviewed Publications & Book Chapters

First author(s) are bold

Corresponding author is underlined

+ denotes postdoctoral researchers when the work began

denotes graduate students when the work began

^ denotes undergraduate students when the work began

Palm-Forster, L. H., and P. M. Fleming. 2026. An economic perspective on legacy phosphorus: A multidimensional challenge for policy and management requiring interdisciplinary solutions. *Journal of Environmental Quality* 55(5). doi.org/10.1002/jeq2.70252

- Dineva, P.** [#], **A. Inocencio** ⁺, C. McGranaghan, K.D. Messer, L.H. Palm-Forster, L. Paul ⁺, and A.R. Siders. 2026. TAPping into homeowners' decision making and emotions: A think-aloud experimental study of homeowner responses to flood buyouts. *International Journal of Disaster Risk Reduction*, 140. <https://doi.org/10.1016/j.ijdr.2026.106155>
- Fleming, P.M.**, L.H. Palm-Forster, H. Connuck, and A.E. Foder. 2025. "From lab to field to farm: Applying behavioral science insights to agri-environmental programs." *Journal of Soil and Water Conservation*, 80(1)3-12. <https://doi.org/10.1080/00224561.2025.2459580>
- Easton, Z.**, K. Stephenson, B. Benham, J.K. Böhlke, A. Buda, A. Collick, L. Fowler, E. Gilinsky, A. Miller, G. Noe, L.H. Palm-Forster, L. Shabman, T. Wynn-Thompson. 2025. "The Nonpoint Source Challenge: Obstacles and Opportunities for Meeting Nutrient Reduction Goals in the Chesapeake Bay Watershed." *Journal of the American Water Resources Association*, 61(3). e70034. <https://onlinelibrary.wiley.com/doi/full/10.1111/1752-1688.70034>
- Li, T.** ⁺, **L.H. Palm-Forster**, and S. Bhuiyanmishu [#]. 2025. "Transaction costs, participation, and the cost-effectiveness of reverse auctions: Evidence from a laboratory experiment." *Environmental & Resource Economics* 88(2):397-424. <https://doi.org/10.1007/s10640-024-00935-1>
- Nelson-Poteet, C.** [^], L. Xie, **L.H. Palm-Forster**, and K.D. Messer. 2024. "Dare to Experiment: The Synergistic Relationship between Undergraduate Research and Experimental Economics." Applied Economics Teaching Resources. *Applied Economics Teaching Resources*, Vol 6. https://www.aetrjournal.org/UserFiles/file/AETR_2023_036R%20PDF.pdf
- Paul, L.A.** ⁺, C. McGranaghan, A.R. Siders, P.K. Dineva [#], L.H. Palm-Forster, and K.D. Messer. 2024. "Addressing coordination problems in residential buyouts: Experimental evidence for managed retreat in the face of climate change-related threats." *Journal of Economic Behavior & Organization* 226:106670. <https://doi.org/10.1016/j.jebo.2024.07.008>
- Kilasy, P.** [#], **B.R. McFadden**, K.A. Davidson, and L.H. Palm-Forster. 2024. "Knowledge gaps about micronutrient deficiencies in Tanzania and the effect of information interventions." *Global Food Security* 40:100745. <https://doi.org/10.1016/j.gfs.2024.100745>
- Palm-Forster, L.H.**, M. Taylor, S. Banerjee, and L. Xie ⁺. 2023. "Factors influencing enrollment of leased cropland in the Conservation Stewardship Program in Kansas." *Land Use Policy* 135:106956. <https://doi.org/10.1016/j.landusepol.2023.106956>
- Savchenko, O.M.** ⁺, L.H. Palm-Forster, L. Xie, R. Rahman [#], and K.D. Messer. 2023. "Encouraging pro-environmental behavior: Do testimonials by experts work?" *PLOS One* 18(10):1-15. <https://doi.org/10.1371/journal.pone.0291612>
- Höhler, J.**, J. Barreiro-Hurlé, M. Czajkowski, F.J. Dessart, P.J. Ferraro, T. Li, K.D. Messer, L. Palm-Forster, M. Termansen, F. Thomas, K. Zagórska, K.H. Zemo, and J. Rommel. 2023. "Perspectives on stakeholder participation in the design of economic experiments for agricultural policymaking: Pros, cons, and twelve recommendations for researchers."

Applied Economic Perspectives and Policy.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/aepp.13385>

Arnold, C.[#], J. Yu, M. Taylor, L. Palm-Forster, and S. Banerjee. 2023. "The Role of Risk in Farmland Contract Choices." *Journal of Agricultural and Resource Economics* 48(2):398-411. <https://ageconsearch.umn.edu/record/320681>.

Conte, M.N., K. Hansen, K. Horton, C. Jones Ritten, L.H. Palm-Forster, J.F. Shogren, F. Wätzold, T. Wyckoff, and H.J. Albers. 2023. "Incentives to create landscapes that conserve seasonal migratory species." *Review of Environmental Economics and Policy*. <https://doi.org/10.1086/724032>

Dineva, P.K.[#], C. McGranaghan, K.D. Messer, L.H. Palm-Forster, L.A. Paul⁺, and A.R. Siders. 2023. "Promoting Spatial Coordination in Flood Buyouts in the United States: Four Strategies and Four Challenges from the Economics of Land Preservation Literature." *Natural Hazards Review* 24(1): 05022013. <https://doi.org/10.1061/NHREFO.NHENG-1564>

Palm-Forster, L.H., M. Griesinger[#], K.D. Messer, J. Fooks, and J. Butler. 2022. "Stewardship Signaling and the Power of Using Social Pressures to Reduce Nonpoint Source Pollution." *Land Economics* 98(4): 618-638. [doi:10.3368/le.98.4.041820-0056R1](https://doi.org/10.3368/le.98.4.041820-0056R1)

Ahsanuzzaman⁺, L.H. Palm-Forster, and J.F. Suter. 2022. "Experimental evidence of common pool resource use in the presence of uncertainty." *Journal of Economic Behavior & Organization* 194:139–160. <https://doi.org/10.1016/j.jebo.2021.12.012>

Hilsenroth, J.⁺, A. Josephson, K.A. Grogan, L.M. Walters, Z.T. Plakias, L.H. Palm-Forster, S. Banerjee, and T. Wade. 2022. "Past, present, and future: Status of women and minority faculty in agricultural and applied economics." *Applied Economic Perspectives and Policy* 44(1):71-91. <http://onlinelibrary.wiley.com/doi/abs/10.1002/aepp.13191>

Gharib, M.H.[#], L.H. Palm-Forster, T.J. Lybbert, and K.D. Messer. 2021. "Fear of fraud and willingness to pay for hybrid maize seed in Kenya." *Food Policy* 35(4):102–119. <https://doi.org/10.1016/j.foodpol.2021.102040>

Palm-Forster, L.H., and K.D. Messer. 2021. "Chapter 80 - Experimental and behavioral economics to inform agri-environmental programs and policies." In C. B. Barrett and D. R. Just, eds. *Handbook of Agricultural Economics*. Handbook of Agricultural Economics. Elsevier, pp. 4331–4406. <https://doi.org/10.1016/bs.hesagr.2021.10.006>

Fleming, P.M., L.H. Palm-Forster, and L.E. Kelley[#]. 2021. "The effect of legacy pollution information on landowner investments in water quality: lessons from economic experiments in the field and the lab." *Environmental Research Letters*. <http://iopscience.iop.org/article/10.1088/1748-9326/abea33>

Wu, S.[#], L.H. Palm-Forster, and K.D. Messer. 2020. "Impact of peer comparisons and firm heterogeneity on nonpoint source water pollution: An experimental study." *Resource and*

Energy Economics:101142.

<http://www.sciencedirect.com/science/article/pii/S092876551830318X>

Butler, J.M., J.R. Fooks⁺, K.D. Messer, and L.H. Palm-Forster. 2020. Addressing social dilemmas with mascots, information, and graphics. *Economic Inquiry*. 58(1): 150-168. <https://onlinelibrary.wiley.com/doi/abs/10.1111/ecin.12783>

Streletskaya, N.A., S.D. Bell, M. Kecinski, T. Li, S. Banerjee, L.H. Palm-Forster, and D. Pannell. 2020. "Agricultural Adoption and Behavioral Economics: Bridging the Gap." *Applied Economic Perspectives and Policy* 42(1):54–66. <https://onlinelibrary.wiley.com/doi/abs/10.1002/aepp.13006>

Palm-Forster, L.H., P.J. Ferraro, N. Janusch⁺, C.A. Vossler, and K.D. Messer. 2019. Behavioral and experimental agri-environmental research: methodological challenges, literature gaps, and recommendations. *Environmental & Resource Economics* 73(3): 719-742. <https://doi.org/10.1007/s10640-019-00342-x>

Palm-Forster, L.H., 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. <https://doi.org/10.1093/ajae/aay057>.

Palm-Forster, L.H. and J.M. Duke. 2019. "An endogenous equilibrium game on traffic congestion externalities" *Journal of Economic Education* 50(1): 57-69. <https://www.tandfonline.com/doi/abs/10.1080/00220485.2018.1551095>

Reeling, C.J., L.H. Palm-Forster, and R.M. Melstrom. 2019. "Policy instruments and incentives for coordinated habitat conservation." *Environmental & Resource Economics* 73(3): 791-813. <https://link.springer.com/article/10.1007/s10640-018-0304-2>

Palm-Forster, L.H., S.M. Swinton, and R.S. Shupp. 2017. "Farmer preferences for conservation incentives that promote voluntary phosphorus abatement in agricultural watersheds." *Journal of Soil and Water Conservation* 72(5): 493-505. <http://www.jswnonline.org/content/72/5/493>

Palm-Forster, L.H., S.M. Swinton, F. Lupi, and R.S. Shupp. 2016. "Too burdensome to bid: Transaction costs and pay-for-performance conservation." *American Journal of Agricultural Economics* 98(5): 1314-1333. <http://ajae.oxfordjournals.org/content/98/5/1314.abstract>

Palm-Forster, L.H., S.M. Swinton, T.M. Redder, J.V. DePinto, C.M.W. Boles. 2016. "Using conservation auctions informed by environmental performance models to reduce agricultural nutrient flows into Lake Erie." *Journal of Great Lakes Research* 42(6): 1357-1371. <http://dx.doi.org/10.1016/j.jglr.2016.08.003>

Palm-Forster, L.H., F. Lupi, and M. Chen. 2016. "Valuing Lake Erie beaches using value and function transfers." *Agricultural and Resource Economics Review* 45(2): 270-292. <http://journals.cambridge.org/abstract/S2372261416000151>

Stuart, D., E. Benveniste, and L.M. Harris (Palm-Forster). 2014. "Evaluating the use of an environmental assurance program to address pollution from United States cropland." *Land Use Policy* 39: 34-43. <http://www.sciencedirect.com/science/article/pii/S0264837714000593>.

Harris (Palm-Forster), L.M., G.W. Norton, J. Alwang, A.N.M. Rezaul Karim, and D.B. Taylor. 2013. "Bridging the information gap with cost-effective dissemination strategies: the case of Integrated Pest Management in Bangladesh." *Journal of Agricultural and Applied Economics* 45 (4): 639-654. <http://purl.umn.edu/157416>.

Technical Reports

Palm-Forster, L.H., L. Wainger, Y. Kuwayama, K. Stephenson, D. A. Newburn, K. Brownson, M. Cole, J. Beckett, S. Knoche, and E. Campbell. 2026. Advancing Market-Based Approaches in the Agricultural Sector to Support Chesapeake Bay Watershed Restoration. STAC Publication Number 26-004, Edgewater, MD. 72 pp. [Download](#).

Easton, Z., Stephenson, K., Benham, B., Böhlke, J. K., Buda, A., Collick, A., Fowler, L., Gilinsky, E., Hershner, C., Miller, A., Noe, G., Palm-Forster, L., & Thompson, T. 2023. "Evaluation of management efforts to reduce nutrient and sediment contributions to the Chesapeake Bay estuary." STAC Publication Number 23-003, Chesapeake Bay Program Scientific and Technical Advisory Committee (STAC), Edgewater, MD. 55 pp. [Download](#).

- This report was a source document for: Scientific and Technical Advisory Committee (STAC). 2023. "Achieving water quality goals in the Chesapeake Bay: A comprehensive evaluation of system response (K. Stephenson & D. Wardrop, Eds.). STAC Publication Number 23-006, Chesapeake Bay Program Scientific and Technical Advisory Committee (STAC), Edgewater, MD. 129 pp. [Download](#).

Collins, L., Stephenson, K., Palm-Forster, L., Power, L., Gibson, A., Arbuckle, J., Handen, A., Fowler, L., and Read, D. 2022. "Overcoming the Hurdle: Addressing Implementation of Agricultural Best Management Practices (BMPs) Through a Social Science Lens." STAC Publication Number 22-002, Edgewater, MD. 107pp. [Download](#).

Grants and Contracts

National Science Foundation Accelerating Research Translation (NSF ART) Seed Translational Research Project (STRP). "Risks, Impacts, & Strategies for Coastal Communities: Accelerating Action through Translation (RISCC-ACT)." \$55,532. J. Cox (PI); L.H. Palm-Forster, S. Clem (Co-PIs). 2026–2027.

National Science Foundation. "E-RISE RII: An Investigation of Saltwater Intrusion in the Complex Coastal Environment of Delaware" \$7,000,000. K.D. Messer (PI); H. Michael, G. Ozbay, L.H. Palm-Forster, A. Todd (Co-PIs). 2025-2029.

National Science Foundation. "RII FEC: Risks, Impacts, & Strategies for Coastal Communities: Advancing Convergent Science to Support Climate Change Adaptation & Resilience."

\$6,000,000. L.H. Palm-Forster (Lead PI - Delaware), E. Uchida (PI – Rhode Island), N. Levine (PI – South Carolina). 2024-2028. Delaware portion of the collaborative research award: \$3,013,400. L.H. Palm-Forster (PI), S. Clem, N. David, P. Mondal, J. Volk (Co-PIs).

NOAA Sea Grant. “Community Resilience and Adaptation to Sea Level Rise and Extreme Storms: Tradeoffs of Home Acquisition Strategies.” \$142,500. C. McGranaghan (PI), L.A. Paul, L.H. Palm-Forster, K.D. Messer, A.R. Siders (Co-PIs). 2022-2024.

USDA NRCS Conservation Innovation Grant. “A solutions-based evaluation of barriers to farmer adoption of in-season nitrogen decision support tools.” \$1,607,099. N. Fiorellino (PI), A. Shober, L.H. Palm-Forster, C. White, K. Davidson, J. Miller (Co-PIs). 2020-2025.

National Science Foundation. “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, M. D’Souza (Co-PIs). 2018-2023.

- L.H. Palm-Forster (Social Dimensions Co-Lead, \$2,315,690 of the total award).

USDA NIFA AFRI. “Innovative Manure Management Strategies to Promote Phosphorus Balance and Sustain Agriculture on the Delmarva Peninsula.” \$300,000. M. Reiter (PI); A. Shober and L.H. Palm-Forster (Co-PIs). 2018-2021.

National Science Foundation—funding support from the Delaware EPSCoR program. “Reducing Household Nutrient Run-off: Power of Testimonials & Technology Persistence.” \$59,979. L.H. Palm-Forster (PI), K.D. Messer and O. Savchenko (Co-PIs). 2018.

U. Delaware College of Agriculture & Natural Resources Research Seed Grant Program. “Strengthening the production and marketing of certified maize seed in Kenya” \$47,794. L.H. Palm-Forster (PI), Randall Wisser (Co-PI). 2017-2019.

USDA NIFA AFRI / Economic Research Service. “Enhancing enrollment of leased land in agri-environmental programs: an investigation of the Conservation Stewardship Program in Kansas.” \$250,000. M. Taylor (PI); S. Banerjee and L.H. Palm-Forster (Co-PIs). 2016-2018.

USDA NIFA AFRI. “Conference on Advancing Behavioral and Experimental Economics Methods and Applications to Sustainable Environmental and Agricultural Management.” \$49,945. L.H. Palm-Forster (PI); K.D. Messer, P. Ferraro, C. Vossler, and Maddi Valinski (Co-PIs). 2017-2018.

Center for Behavioral & Experimental Agri-Environmental Research / USDA ERS. 2016-2018. “Policy Instruments, Strategic Interactions, and Incentives for Habitat Conservation for Imperiled Species.” \$9,988. C.J. Reeling (PI); L.H. Palm-Forster, and R.T. Melstrom (Co-PIs). 2016-2017

U. Delaware College of Agricultural and Natural Resources. “Developing Blended and Online Course Modules to Redesign APEC 150.” \$10,000. L.H. Palm-Forster (PI). 2016-2017.

Courses, Trainings, and Guest Lectures

Conducting Applied Economics Research (APEC 811, 3 credits, graduate). This course guides graduate students through the process of conducting research in applied economics, including the development of their thesis/dissertation proposals. 2026S, 2024F, 2023F, 2022F, 2021S, 2019F.

Introduction to Resource Economics (APEC 324, 3 credits, undergraduate). The goal of this course is for students to understand and analyze natural resource management challenges using microeconomic principles. 2026S, 2024S, 2023S, 2022S, 2020S, 2018S, 2016S.

AREC Data Bootcamp (graduate workshop). This one-week summer program prepares incoming graduate students for managing, manipulating, and visualizing data in Stata. 2025, 2024.

Agricultural & Natural Resource Policy (APEC 406, 3 credits, undergraduate). This course introduces students to various issues pertaining to U.S. agricultural and natural resource policy. 2020S, 2018S, 2016S.

Economics of Agriculture and Natural Resources (APEC 150, 3 credits, undergraduate). This course introduces students to core microeconomic and macroeconomic principles with an emphasis on the economics of agriculture and natural resources. 2018F, 2017S, 2016F, 2016F(Honors).

Mathematics for Economists Independent Study (APEC 666, 1 credit, graduate). This student-guided course reviews mathematical concepts that are used in economics. Students meet weekly with the professor to review assigned problems and ask questions. 2016S.

UD Governor's School. "The Power of Economics to Address Environmental Problems." The Delaware Governor's School for Excellence is a one-week summer residential program for academically and artistically talented Delaware high school students between their sophomore and junior year. Each year, our department prepares a 2-hour session to support the program, Newark, DE, 2024, 2023, 2022.

College Readiness Scholars Institute. "The Power of Economics to Address Environmental Problems." This 2-hr session is incorporated in a summer program that helps prepare Delaware high school students for college. Newark, DE, 2024.

Diamond Challenge Summit. "The Power of Economics to Address Environmental Problems." This 2-hr session is incorporated in a summer program that helps prepare Delaware high school students for college. Newark, DE, April 25, 2024.

Nonpoint Source Pollution (University of Delaware, PLSC421/621, S. Inamdar) "Cost-effective agri-environmental policies to mitigate HABs." Guest Lecture, Newark, DE, 2024S, 2021S, 2020S, 2019S, 2018S, 2017S, 2016S.

One Health: Zoonotic and Emerging Diseases (University of Delaware, AGRI 224, R. Arsenault). "Economic insights about One Health issues: *Decision-making, agricultural management, the environment, and human health*" Guest Lecture, Newark, DE, Nov. 13, 2017.

Behavioral and Experimental Economics (University of Nebraska, graduate course, S. Banerjee). "So, you're interested in field experiments with farmers? Applications, Lessons, Opportunities, and Advice" Guest Lecture, Virtual Presentation, April 28, 2017.

William Penn High School Summer Internship Program. "What is agricultural and resource economics?" Guest Lecture, Newark, DE, June 29, 2016.

Student Advising

Graduate Research Advisor for:

Breya Scarlett, M.S., Applied Economics, *expected 2028*
Max Phelps, M.S., Agricultural & Resource Economics, *expected 2027*
Mitch Stallman, M.S., Agricultural & Resource Economics, 2025
Gifty Opoku, M.S., Agricultural & Resource Economics, 2025

- 2025 CANR 3-min Thesis Competition, 2nd Place

Carl Nelson-Poteet, M.S., Water Science & Policy, 2025

- 2025 William J. Benton Graduate Student Award
- 2026 NAREA's Outstanding Master's Thesis Award

Davidson Nwaonu, M.S., Agricultural & Resource Economics, 2024
Rachel King, M.S., Agricultural & Resource Economics, 2022
Lindsey Kelley, M.S., Agricultural & Resource Economics, 2021
Susanna Becker, M.S., Agricultural & Resource Economics, 2019
Philipo Lukumay, M.S., Agricultural & Resource Economics, 2019
Siddika Bhuiyanmishu, M.S., Agricultural & Resource Economics, 2018
Mariam H. Gharib, M.S., Agricultural & Resource Economics, 2018
Kamal Khanal, M.S., Agricultural & Resource Economics, 2018
Mark Griesinger, M.S., Agricultural & Resource Economics, 2017

Thesis/Dissertation Committee Member for:

Lauren Hollinger, Ph.D., Geography, *expected 2028*
CJ Evans-Ralston, M.S., Agricultural & Resource Economics, *expected 2027*
Chloe Shader, M.S., Energy and Environmental Policy, *expected 2026*
Osmund Lupindu, M.S., Agricultural & Resource Economics, 2026
Manisha Shrestha, M.S., Agricultural & Resource Economics, 2025
Srabone Saha, M.S., Agricultural & Resource Economics, 2024
Laura Taylor, M.S., Agricultural & Resource Economics, 2024
Joy Deep Chakrabartty, Ph.D., Marine Science and Policy, 2024
Madison Czerniawski, M.S., Agricultural & Resource Economics, 2023
Caroline Johnson, M.S., Agricultural & Resource Economics, 2023
Mary Hingst, Ph.D., Water Science & Policy, 2023
Julia Parker, M.S., Agricultural & Resource Economics, 2023
Dawoon Jeong, Ph.D., Agricultural Economics, Purdue University, 2023
Ryan Bresnahan, M.S., Agricultural & Resource Economics, 2022
Pius Kilasy, M.S., Agricultural & Resource Economics, 2021
Abby Evans, M.S., Water Science & Policy, 2020
Ekaterina Efimova, Ph.D., Economics, 2019
Kaitlynn Ritchie, M.S., Water Science & Policy, 2018
Samantha Speck, M.S., Geography, 2018
Shang Wu, Ph.D., Economics, 2017
Huidong Xu, M.S., Agricultural & Resource Economics, 2017
Linda Grand, M.S., Agricultural & Resource Economics, 2016
Audrey Peo, M.S., Agricultural & Resource Economics, 2016

Graduate Research Committee Member (non-thesis) for:

Justin Maroccia, Master of Environmental Studies, University of Pennsylvania, 2022

Brian Cortes, M.S., Marine Policy, 2020

Undergraduate Research Advisor for:

Hazel Helm, RISSC Summer Intern, 2025; WiCCED Salt Summer Intern, 2026
Emily Ortiz, Goettler Enrichment Fund Scholar and UD Summer Scholars, 2024-2025
Carl Nelson-Poteet, UD CANR Unique Strengths Internship, 2022-23
Kayla McKinley, DENIN Internship / Project WiCCED Summer Internship, 2022
Laura Taylor, DE Environmental Institute (DENIN) Internship, 2019-2020, Summer 2020,
UD CANR Unique Strengths Internship 2021-2022
Rachel King, DE Environmental Institute (DENIN) Internship, 2019-2020
Veronica Hill, Delaware Water Resources Center Research Internship, 2018-2019
Daniel Bass, DE Environmental Institute (DENIN) Undergraduate Fellow, 2018
Alexandra Cole, CANR Summer Research Institute, Summer 2017
Caroline May, Blue Hen Engagement Fellowship, Summer 2017

Undergraduate Thesis Advisor or Committee Member:

Emma Abrams, Environmental & Resource Economics, 2026 (committee member)
Emily Ortiz, Biden School of Public Policy, 2025 (advisor)
Stephen Wemple, Environmental & Resource Economics, 2020 (advisor)
Grace Hassler, Natural Resource Management, 2017 (committee member)

Selected and Invited Presentations *(since 2015; presenter is bold)*

Palm-Forster, L.H., B. Khanal⁺, K. Davidson, A. Shober, N. Fiorellino, C. White, and J. Miller. "The effect of public good framing on the adoption of an agri-environmental technology: A framed field experiment."

- **Invited seminar**, University of Maryland Center for Environ. Science, Nov, 19, 2025.
- **Invited seminar** in the *Food & Resource Economics Department*, University of Florida, March, 28, 2025.
- **Invited seminar** in the *Department of Environmental and Natural Resource Economics*, University of Rhode Island, April 4, 2025.

Palm-Forster, L.H. with Xie⁺, L., C. Nelson-Poteet, D. Stockman, M. Hingst, and H. Michael. "The Impact of Heterogeneous Thresholds in a Dynamic Common Pool Resource Game." *Invited Seminar*. University of Massachusetts Amherst, Nov. 7, 2025.

Palm-Forster, L.H. (panelist). "Career Paths for Leaders: From Research to Leadership Across Government, Academic, and the Private Sector." *Agricultural and Applied Economics Association Annual Meeting Pre-Conference Workshop on Leadership Development for Agricultural and Applied Economists*, Denver, CO, July 26, 2025.

Haley[#], N., O. Savchenko, L.H. Palm-Forster, and C. Landry. "Leaving on good terms - Evaluating incentives to improve homeowner participation in voluntary buyouts." *Agricultural and Applied Economics Association Annual Meeting*, Denver, CO, July 27-29, 2025.

Shrestha[#], M., K. Davidson, L.H. Palm-Forster. "Role of Economics, Time, and Information on Farmer Adoption of In-Season Nitrogen Modeling Tools."

- *Northeastern Agricultural & Resource Economics Association Annual Meeting*, Burlington, VT, June 8-10, 2025.
- *SCC-76 Economics and Management of Risk in Agriculture and Natural Resources Annual Meeting*, Kansas City, MO, April 13-15, 2025.

Xie⁺, L., L.H. Palm-Forster, C. Nelson-Poteet, D. Stockman, M. Hingst, and H. Michael. "Examining the Impact of Heterogeneous Threshold Effects in a Dynamic Common Pool Resource Game." *ESA World Meeting*, Beijing, China, June 7, 2025.

Palm-Forster, L.H. "Power Calculations and Simulations in Stata." *Agricultural and Applied Economics Association Institutional and Behavioral Economics Section (IBES) Power Analysis Virtual Workshop*, May 6, 2025.

Jeong, D., L. Xie, and L.H. Palm-Forster. "How does communication improve public goods contribution? A perspective on giving motivation in a public goods game." *Invited seminar in Applied Economics*, University of Delaware, Newark, DE, April 30, 2025.

Opoku[#], G. (advised by L.H. Palm-Forster). "Factors Influencing Farmer Adoption of In-Season Nitrogen Modeling Tools in the Mid-Atlantic." *CANR 3-min Thesis Competition*. April, 2025. (**2nd Place Award**)

Nelson-Poteet[#], C. (advised by L.H. Palm-Forster). "Nudgeable, to a Degree: An Experimental Examination of Temperature Defaults in University Residence Halls." *CANR 3-min Thesis Competition*. April, 2025.

K. Davidson, M. Shrestha[#], L. Palm-Forster. "Farmer Adoption of In-Season Nitrogen Modeling Tools." *Risk Management Conference*, Delaware Cooperative Extension and Delaware Farm Bureau, Harrington, DE, March 3, 2025.

Ortiz[#], E. (advised by L.H. Palm-Forster) "Does Eco-friendly labeling influence your purchasing?" *Plastic Free Delaware Lunch and Learn*, Virtual, September 19, 2024.

Palm-Forster, L.H. "Engaged Research and the Future of Applied Economics." *Invited Panelist, MSU AFRE 75th Anniversary Celebration*, East Lansing, MI, Sept 12-13, 2024.

B. Khanal⁺, L. Palm-Forster, K. Davidson, A. Shober, N. Fiorellino, C. White, and J. Miller. "Adoption of Agricultural Technologies when Public Benefits are Local vs. Global: A Framed Field Experiment." *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Rehoboth Beach, DE, June 9-12, 2024.

Nwaonu[#], D., L.H. Palm-Forster, K. Davidson, and M. Segovia. 2024. "Sustainability and Health on the Shelf: How Scaling and Salience Framing Influence Consumer Preferences for Climate Smart and Health Attributes of Staple Foods." *Northeast Agricultural and Resource Economics Association Annual Conference*, Rehoboth, Delaware, June 9-12, 2024.

Fleming, P. and L.H. Palm-Forster. "From Lab to Field to Farm: Translating Experimental Evidence into Practice." *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Rehoboth, Delaware, June 9-12, 2024.

Xie⁺ L., **K.D. Messer**, L. Palm-Forster, M. Masters, H. Michael, K. Rowles. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-stakes Field Experiment with Farmers." *Appalachian Experimental and Environmental Economics Workshop*, Boone, North Carolina, April 2024.

Fowler, L. and L.H. Palm-Forster. "Moving Forward, Faster Together: How do we accelerate implementation and effectiveness?" *Chesapeake Bay Program Scientific & Technical Advisory Committee Quarterly Meeting*, September 12, 2023.

Palm-Forster, L.H. "Investigating Spatiotemporal Complexities of Climate-Smart Commodity Programs Using Economic Experiments" *Invited Keynote* (Virtual), *REECAP Annual Meeting*, Warsaw, Poland, September 26-27, 2023.

B. Khanal⁺, L. Palm-Forster, K. Davidson. "Farmer Adoption of Advanced Decision Support Tools: Evidence from a Framed Field Experiment Investigating Behavioral Responses to Information about Co-benefits." *Agricultural and Applied Economics Association Annual Meeting*, Washington, D.C., July 23-25, 2023.

Palm-Forster, L.H. "Behavioral science theories of persistence and additionality and their implications for the design of climate-smart agriculture programs" *Organized Symposia*, *Agricultural & Applied Economics Association Annual Meeting*, July 24, 2023.

B. Khanal⁺, L. Palm-Forster, K. Davidson. "Testing the Role of Environmental Information on Adoption of Nitrogen Modeling Tools: A Framed Field Experiment." *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Annapolis, MD, June 11-14, 2023.

McGranaghan, C., L. Paul⁺, L. Palm-Forster, A.R. Siders, and K.D. Messer. "Spatial coordination of home buyouts in flood-prone areas: experimental evidence on economic mechanisms and their tradeoffs." *Northeast Agricultural and Resource Economics Association Annual Conference*, Annapolis, Maryland, June 2023.

Xie⁺, L., K.D. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-stakes Field Experiment with Farmers." *Association of Environmental and Resource Economics. Annual Conference*, Portland, Maine, May 2023.

Xie⁺, L., K. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-stakes Field Experiment with Farmers." *Australasian Agricultural and Resource Economics Society Annual Conference*, New Zealand and virtual, Feb.7-10, 2023.

Xie⁺ L., **K.D. Messer**, L. Palm-Forster, M. Masters, H. Michael, K. Rowles. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-

stakes Field Experiment with Farmers." *GA-FIT Advisory Board*, Albany, Georgia, November 2023.

McGranaghan, C., L. Paul⁺, K.D. Messer, L. Palm-Forster, A.R. Siders "Spatial Coordination in Flood Buyouts: Using Experimental Economics to Test Which Policies Work Best" (Poster). *US Army Corps ERDC Growing Strategic Partnerships Workshop*. May 10, 2023.

Xie⁺, L., K. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-stakes Field Experiment with Farmers."

- *University of Rhode Island*, February 2023.
- *University of Alabama*, January 2023.
- *University of Georgia*, Athens, Georgia, Jan. 10, 2023.
- *University of Florida*, February 2023.
- *University of Manitoba*, Winnipeg, Manitoba, Canada, Dec. 9, 2022.
- *University of Delaware*, Newark, Delaware, Nov. 9, 2022.
- *University of Delaware*, Project WiCCED fall seminar, virtual, Oct. 5, 2022.

Palm-Forster, L.H., T. Li⁺, and S. Bhuiyanmishu[#]. "Transaction Costs and Reverse Auction Cost-effectiveness: Lessons from the Lab and Field."

- *Department of Economics*, Lafayette College, October 31, 2022.
- *Dept of Agricultural & Resource Economics*, University of Guelph, September, 9, 2022.

Dineva[#], P. C. McGranaghan, A.R. Siders, L. Palm-Forster, K. Messer "Community Adaptation to Climate Risks: Employing a "Think-Aloud Protocol" to Understand Decision-Making in the Context of Home Buyouts." *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Mystic, CT, June 14, 2022

Xie⁺, L., K. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water to Protect Endangered Species in the Ichawaynochaway Creek of Georgia: Evidence from Field Experiments." *GA-FIT Advisory Board Meeting*, May 5, 2022.

Xie⁺, L., K. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Using Laboratory Experiments to Inform a Water Buyback Auction in the Ichawaynochaway Creek of Georgia." *GA-FIT Advisory Board Meeting*, Jan. 31, 2022.

Paul⁺, L.A., Christina McGranaghan, A.R. Siders, Polina Dineva, Leah Palm-Forster, Kent D. Messer. "Experimental Evidence on Agricultural Conservation Mechanisms and their Tradeoffs: Spatial Coordination of Property Buyouts in Flood-Prone Areas" *University of Delaware APEC Seminar Series*, Newark, DE. March 2, 2022.

Palm-Forster, L.H. and K. Messer "Lessons and Recommendations for Conducting Research to Inform Agri-Environmental Initiatives" *CBEAR Seminar Series*, Virtual, February 14, 2022.

Paul⁺, L.A., C. McGranaghan, A.R. Siders, P. Dineva, L. Palm-Forster, K.D. Messer. "Experimental Evidence on Agricultural Conservation Mechanisms and their Tradeoffs: Spatial Coordination of Property Buyouts in Flood-Prone Areas"

- *Arkansas State University*, February 11, 2022
- *University of Illinois Urbana Champaign*, February 7, 2022
- *USDA Economic Research Service*, February 4, 2022

Paul, + LA, C. McGranaghan, A.R. Siders, P. Dineva, L. Palm-Forster, K.D. Messer. "Behavioral and Experimental Evidence for Agricultural and Environmental Policy" *Towson University*, Towson, MD. February 3, 2022

Paul⁺, LA, C. McGranaghan, A.R. Siders, P. Dineva, L. Palm-Forster, K.D. Messer. "Experimental Evidence on Food and Agricultural Conservation Policy." *RTI International*, Durham, NC. January 28, 2022

McFadden, B., P. Kilasy[#], K. Davidson, L. Palm-Forster. "Knowledge Gaps that Could Create Hurdles for the Distribution of Biofortified Foods in Tanzania." *Food Distribution Research Society Annual Meeting*, Pensacola, FL, October 23-25, 2022.

Xie⁺, L., K.D. Messer, L. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-stakes Field Experiment with Farmers." *Canadian Resource and Environmental Economics Association Annual Conference*, Saskatoon, Saskatchewan, Canada, Sept. 30 - Oct. 2, 2022.

Xie⁺, L., K. Messer, L. Palm-Forster, M. Masters, and H. Michael. "From economic experiment to program implementation: Using lab results to inform a new water buyback auction to protect endangered species in the Ichawaynochaway Creek of Georgia." *Agricultural and Applied Economics Association Annual Meeting*, Anaheim, CA, July 31 - Aug. 2 2022.

K. Davidson, **B. Khanal⁺**, L.H. Palm-Forster. "Estimating the Role of Agri-Environmental Cost-share Payments in Adoption of 4R Nutrient Management Practices." *Agricultural and Applied Economics Association Annual Meeting*, Anaheim, CA, July 31-August 2, 2022.

McFadden, B., P. Kilasy⁺, K. Davidson, L. Palm-Forster "The 'Branding' Effectiveness of HarvestPlus Biofortified Crops" *Agricultural and Applied Economics Association Annual Meeting*, Anaheim, CA, July 31-August 2, 2022.

Khanal⁺, B., K. Davidson, and L. Palm-Forster. "Farmer Responsiveness to Agri-Environmental Payments for Adoption of 4R Nutrient Management in the Chesapeake Bay Watershed (CBW)." *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Mystic, CT, June 12-15, 2022.

Li, T. and L.H. Palm-Forster. "Transaction Costs in Reverse Auctions: From Lab to Field." *REECAP Annual Meeting*, Uppsala, Sweden, June 8, 2022.

Taylor[#], L., L.H. Palm-Forster, P. Fleming, and O. Savchenko. Factors Influencing Use of Residential Stormwater Management Practices in DE and PA. *CANR Unique Strengths Student Symposium*, Newark, DE, February 25, 2022 (**First Place Award**).

Fleming, P., O. Savchenko, and L.H. Palm-Forster. "When Does Stated Preference Become Real? Comparing Hypothetical Bias Mitigation Techniques with Revealed Preference Outcomes." *SEA Annual Meeting*, Houston, TX, November, 20, 2021.

Conte, M.N., K. Hansen, K. Horton, C. Jones Ritten, **L.H. Palm-Forster**, J.F. Shogren, F. Wätzold, T. Wyckoff, and H.J. Albers. "A Framework to Evaluate Mechanisms to Support Seasonal Migratory Species." *Resources for the Future*, October 27, 2021.

Palm-Forster, L.H., Amy Shober, Rachel King[#], Mark Reiter. "Litter, Litter Everywhere, but Not a Bit to Spread (at the Right Time and Place)." *Mid-Atlantic Crop School*, 2021.

Palm-Forster, L.H., Li, T. and S. Bhuiyanmishu[#]. "Transaction costs, competitiveness, and participation in reverse auctions: Evidence from a laboratory experiment."

- *Online Agricultural and Resource Economics Seminar (OARES)*, March 25, 2021.

- *Agricultural, Food, and Resource Economics Seminar*, Michigan State University, March 31, 2021

- *Economics Seminar*, University of Maine, April 23, 2021

Paul⁺, L., Palm-Forster, K. Messer. "Experimental Evidence on Undergraduate Recruitment: Lessons from Creating a Subject Pool Registry." Selected paper, *Northeast Agricultural and Resource Economics Association*, June 15, 2021.

Palm-Forster, L.H. "What Can Economic Experiments Teach Us About Protecting the Environment?" *Invited Presentation, Project WiCCED Seminar Series*, April 21, 2021.

Palm-Forster, L.H. "Designing Cost-Effective Voluntary Programs that Pay for Agri-Environmental Performance." Workshop on Reducing the Health Impacts of the Nitrogen Problem, *The National Academies of Sciences Environmental Health Matters Initiative*, February 18, 2021.

Palm-Forster, L.H. "The Ag-E MINDSPACE framework to strengthen insights to behavioral responses for conservation program delivery." *National Fish & Wildlife Foundation (NFWF) All-Bay Ag Networking Forum*, February 10, 2021.

Messer, K.D. and L.H. Palm-Forster. "Experimental & Behavioral Economics to Inform Agri-Environmental Programs & Policies." *AAEA Workshop – Oxford Handbook on Agricultural Economics*. October 26, 2020.

Palm-Forster, L.H., M. Griesinger[#], J. Butler, M., J. Fooks, and K.D. Messer. "Stewardship Signaling and Use of Social Pressure to Reduce Nonpoint Source Pollution." Heading South Award Recipient. *Australasian Agricultural and Resource Economics Society Annual Meeting*, Perth, Australia, February 11-14, 2020.

Palm-Forster, L.H. "Experimental Evidence on Policy Approaches That Link Agricultural Subsidies to Water Quality Outcomes"

- *Agricultural and Resource Economics, University of Maryland*, College Park, MD, January 9, 2020.

- *Agricultural Economics*, University of Nebraska-Lincoln, Lincoln, NE, January 29, 2020.
- *Agricultural and Resource Economics*, University of Tennessee, Knoxville, TN, January 31, 2020.

Palm-Forster, L.H., M. Taylor, S. Banerjee. "Enrollment of Leased Cropland in Agri-Environmental Programs." *Department of Agricultural Economics*, Mississippi State University, Starkville, MS, September 20, 2019.

Palm-Forster, L.H. "Multiple Hypothesis Testing and Best Practices for Limiting Type 1 Errors." *Agricultural and Applied Economics Association Annual Meeting Pre-conference Workshop on Best Practices for Addressing the Replicability Crisis in Agricultural and Applied Economics*, Atlanta, GA, July 20, 2019.

Palm-Forster, L.H. "Strategies for Building Your Research Program." *Invited panelist*, The First Year Transition - Insight from New Faculty. *Agricultural and Applied Economics Association Annual Meeting*, Atlanta, GA, July 21-23, 2019.

Rahman[#], R., L.H. Palm-Forster, O. Savchenko, and K.D. Messer. 2019. "Encouraging Pro-environmental Behaviors: Power of Testimonials" Northeastern Agricultural and Resource Economics Association Annual Meeting, Portsmouth, NH, June 9-12, 2019.

Gharib, M.H.[#], **L.H. Palm-Forster**, T.J. Lybbert, and K.D. Messer. "Fear of fraud and the impact of training on farmers' willingness to pay for improved maize seed in Kenya." *Economics Seminar Series*, University of Delaware, Newark, DE, April 26, 2019.

Rahman[#], R., O. Savchenko, L. Palm-Forster, and K. Messer. "Reducing Household Nutrient Runoff: Power of Testimonial and Technology Persistence." *Grand Challenges in Water Sustainability Symposium on Dynamic Hydrology from Land to Sea*, Newark, DE September 2018

Banerjee, S., M. Kecinski, L.H. Palm-Forster, N.A. Streletskaya. "Responding to new mandates in consumer and producer decision-making: insights from behavioral & experimental economics." *International Conference of Agricultural Economists*, Vancouver, CA, July 28 – Aug. 2, 2018.

Bhuiyanmishu[#], S., L.H. Palm-Forster, and T. Li. "The impact of transaction costs and the competitiveness on the performance of reverse auction".

- Agricultural and Applied Economics Association, Washington D.C., August 5-7 2018.
- Northeastern Agricultural and Resource Economics Assoc., Philadelphia, PA, June 10-12, 2018.

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 & Environmental Policy Workshop*, Blowing Rock, NC, April 27-28, 2018.

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.

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.

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.

Palm-Forster, L.H. 2017. "Challenges for PAgES research & program design: an experimental economics perspective." *Scientific Challenges to Operationalizing Payments for Agro-Ecosystem Services (PAgES)*. Indianapolis, IN. November 14-15, 2017.

Reeling, C.J., L.H. Palm-Forster, and R.M. Melstrom. "Policy Instruments and Incentives for Coordinated Habitat Conservation" Paper presented at the *Conference for Behavioral and Experimental Agri-Environmental Research: Methodological Advancements and Applications for Policy*. Shepherdstown, WV. October 13-15, 2017.

Griesinger[#], M., L.H. Palm-Forster, K.D. Messer, J. Fooks, and J. Butler. 2017. "Stewardship Signaling and the Power of Using Social Pressures to Reduce Nonpoint Source Pollution." Paper presented at the *Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, IL. July 29 – Aug. 2, 2017.

Griesinger[#], M., L.H. Palm-Forster, K.D. Messer, J. Fooks, and J. Butler. 2017. "Enhancing Water Quality Using Stewardship Signaling and Social Recognition." Paper presented at the *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Washington, DC, June 11-13, 2017.

Wu[#], S., L.H. Palm-Forster, K.D. Messer. 2017. "Heterogeneous Agents and Information Nudges in Non-point Source Water Pollution Management." Paper presented at the *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Washington, DC, June 11-13, 2017.

Palm-Forster, L.H., J. Suter, and K.D. Messer. "Linking Eligibility for Agricultural Subsidies to Water Quality." Paper presented at the *Association of Environmental and Resource Economists Annual Meeting*, Pittsburgh, PA, May 29-30, 2017.

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 Annual Meeting*, Pittsburgh, PA, May 29-30, 2017.

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.

Palm-Forster, L.H. "Transaction Costs and Participation in Voluntary Agri-environmental Programs." *Pennsylvania State University*, State College, PA, April 5, 2017.

Palm-Forster, L.H., J. Suter, and K.D. Messer. "Enhancing Ambient Water Quality Using Agricultural Subsidies Tied to Conservation." Paper presented at the *Northeastern Agricultural and Resource Economics Association Annual Meeting*, Bar Harbor, ME, June 19-21, 2016.

Palm-Forster, L.H., S.M. Swinton, F. Lupi, and R.S. Shupp. "Too Burdensome to Bid: Transaction Costs and Pay-for-performance Conservation." Paper presented at the *ASSA Annual Meeting*, San Francisco, CA, January 3-5, 2016.

Palm-Forster, L.H., S.M. Swinton, F. Lupi, and R.S. Shupp. "Cost-effective Conservation Targeting When Transaction Costs Limit Participation in Procurement Auctions." Paper presented at the *Heartland Environmental and Resource Economics Workshop*, Urbana-Champaign, IL, October 17-18, 2015.

Messer, K.D. and **L.H. Palm-Forster**. "Using Behavioral Economics to Improve the Design and Operation of Water Quality Markets." *National Workshop on Water Quality Markets*, Lincoln, NE, September 16-17, 2015.

Palm-Forster, L.H., S.M. Swinton, R.S. Shupp, F. Lupi. "Reducing Transaction Costs to Increase Participation in Conservation Auctions." Organized Symposium, *AAEA & WAEA Joint Annual Meeting*, San Francisco, CA, July 26-28, 2015.

Palm-Forster, L.H. and F. Lupi. "Valuing the Impact of Harmful Algal Blooms on Lake Erie Beaches: Is it worth it?" Selected paper. *Northeastern Agricultural and Resource Economics Assoc. Pre-Conference Workshop on Water Quality Economics*, Newport, RI, June 27-28, 2015.

Palm-Forster, L.H. and F. Lupi. "Valuing Beach Recreation Loss from Harmful Algal Blooms in Lake Erie." *Agricultural, Food, and Resource Economics Seminar Series*, University of Guelph, Guelph, Canada, March 25, 2015.

Palm-Forster, L.H. "Evaluating Incentives for Cost-Effective Agricultural Phosphorus Abatement in the Great Lakes: What Can We Learn from Field Experiments?"

- *Department of Applied Economics and Statistics*, Newark, DE, February 9, 2015.
- *USDA Economic Research Service*, Washington, DC, February 4, 2015.

Selected Posters: (since 2015)

Opoku#, G., L.H. Palm-Forster, and K. Davidson. "Factors Influencing Farmer Adoption of In-Season Nitrogen Modeling Tools in the Mid-Atlantic." Poster presented at the *Northeastern Agricultural & Resource Economics Association Annual Meeting*, Burlington, VT, June 8-10, 2025.

Nelson-Poteet#, C. "Nudgeable, to a Degree: An Experimental Examination of Temperature Defaults in University Residence Halls." Poster presented at the *Northeast Agricultural and Resource Economics Association Annual Conference*, Rehoboth, Delaware, June 9-12, 2024.

Shrestha[#], M., K. Davidson, and L. Palm-Forster. "Farmers' Perceived Barriers and Important Factors in the Adoption of Nitrogen Modeling Tools" Poster Presentation at the Northeastern Agricultural and Resource Economics Association Annual Meeting, Rehoboth Beach, DE, June 9-12, 2024.

Opoku[#], G.A., L.H. Palm-Forster, and K. Davidson. "Nutrient Management Decisions: How Farm Size and Land Leasing Shape Adoption of In-Season Nitrogen Modeling Tools." Poster presented at UD College of Agriculture and Natural Resources (CANR) Fall 2024 Unique Strengths Research Symposium, November 2024

Opoku[#], G.A., L.H. Palm-Forster, and K. Davidson. "Nutrient Management Decisions: How Farm Size and Land Leasing Shape Adoption of In-Season Nitrogen Modeling Tools." Poster presented at UD Environmental Institute Research Symposium, April 9, 2024.

McKinley[#], K., C. Nelson-Poteet, L. Xie, and L.H. Palm-Forster. "Using Common Pool Resource Lab Experiments to Inform Groundwater Management Policies in Delaware." Undergraduate Research and Celebratory Symposium, Newark, DE, August 2022.

King[#], R., L.H. Palm-Forster, A.L. Shober, M. Reiter. "Barriers to Use and Distribution of Poultry Litter in Delmarva." American Society of Agronomy Annual Meeting, June, 2021.

Kelley[#], L.E., P. Fleming, and L.H. Palm-Forster. "The Effects of Parcel Information on Legacy Sediment Investment." DENIN Environmental Symposium, Newark, DE, March 2019.

Wemple[#], S., R. Rahman^G, O. Savchenko, L.H. Palm-Forster, and K. Messer. "Reducing Household Nutrient Runoff: Powers of Testimonials and Persistence and Technology Persistence." Undergraduate Research and Celebratory Symposium, Newark, DE, August 2018.

Bass[#], D.A., L.H. Palm-Forster, and A.L. Shober. "Mapping the movement of poultry litter produced on the Delmarva Peninsula" DENIN Research Symposium, Newark, DE, May 2018.

Rahman[#], R., O. Savchenko, L.H., Palm-Forster, and K.D. Messer. "Reducing Household Nutrient Runoff: Power of Testimonial and Technology Persistence." CANR Research Symposium, Newark, DE, April 30, 2018.

Cole[#], A., C. May[#], L.H. Palm-Forster, and K. Rauch. "Civic Agriculture: Best Marketing Strategies for Community Gardens." Poster presented at the University of Delaware Undergraduate Research Symposium, Newark, DE, August 10, 2017.

Palm-Forster, L.H., C.J. Reeling, and R.T. Melstrom. "Policy Instruments, Strategic Interactions, and Incentives for Habitat Conservation for Imperiled Species." Poster presented at the *AAEA Annual Meeting*, Chicago, IL, July 29 – Aug. 2, 2017.

Wu[#], S., L.H. Palm-Forster, and K.D. Messer. "Heterogeneous agents and information nudges in nonpoint source water pollution management." Poster presented at the *Delaware Environmental Institute Graduate Student Research Symposium*, Newark, DE, March 16, 2017.

Palm-Forster, L.H., C.J. Reeling, and R.T. Melstrom. "Policy Instruments, Strategic Interactions, and Incentives for Habitat Conservation for Imperiled Species." Presented at the *Heartland Environmental & Resource Econ Workshop*, Urbana-Champaign, IL, Nov. 12-13, 2016.

Palm-Forster, L.H., J. Suter, and K.D. Messer. "Linking Agricultural Subsidies and ambient water quality to reduce nutrient loss." Presented at the *AAEA Annual Meeting*, Boston, MA. July 31- Aug. 2, 2016.

Palm-Forster, L.H., S.M. Swinton, F. Lupi, and R.S. Shupp. "Farmer Participation in Auctions to Enhance Ecosystem Services in the Lake Erie Basin." *Long Term Ecological Research (LTER) Network All-Scientists Meeting*, Estes Park, CO, Aug. 20 – Sept. 2, 2015.

Palm-Forster, L.H. and F. Lupi. "Using value transfers and function transfers to estimate welfare loss from Lake Erie beach closures at multiple scales." *AAEA & WAEA Joint Annual Meeting*, San Francisco, CA. July 26-28, 2015.

Palm-Forster, L.H., S.M. Swinton, F. Lupi and R.S. Shupp. "What deters farmers from participating in conservation auctions?" Poster presented at the *KBS-LTER Symposium on Farming for Ecosystem Services: New Directions for Long-term Ecological Research in Agriculture*, Michigan State University. April 15-16, 2015.

Awards and Recognition

University of Delaware Mid-Career Excellence in Research Award, 2024

AAEA CWAE Diversity, Equity, and Inclusion Junior Award, 2021

AAEA/AARES Heading South Award, 2019

CANR Award for Best Advisor in Applied Economics & Statistics, 2017-18

Kellogg Biological Station Long Term Ecological Research Fellowship, \$30,000, 2014-15

AAEA Sylvia Lane Mentor Fellowship, \$2,500, 2013

Glenn and Sandy Johnson Dissertation Enhancement Fellowship, \$5,000, 2013

Kellogg Biological Station Summer Research Award, \$5,000, 2012

Professional Service and Leadership

University of Delaware, Newark, DE:

Delaware Environmental Institute

-- Faculty Advisory Committee, 2023 – present

-- Affiliated Faculty, 2016 – present

Water Science & Policy Program

-- Program Committee, 2019-2024

-- Affiliated Faculty, 2015 – present

Center for Human Subjects Coordination

-- Advisory Board, 2023 – present

Faculty Senate

-- Research committee, 2018-2022

College of Agriculture and Natural Resources

- 3-min Thesis Competition Judge, 2025
- CANR Research Symposium Judge, 2024
- Borel Fellows Selection Committee, 2016, 2017, 2023
- Seed Grant Review Committee, 2016; 2018, 2023
- Agricultural and Natural Resources Major Revisions Task Force, 2016-19

Department of Applied Economics & Statistics

- Associate Department Chair, 2024–present
- Strategic planning committee, 2024 - present
- Awards committee, 2021 – present
- Graduate Director, M.S. in Agricultural & Resource Economics, 2021-2024
- Workload/merit metrics review committee, 2021
- Faculty search committee, 2017-18; 2018-19
- Applied Economics Seminar Coordinating Committee, 2015-2020 (Chair, 2015-2018)
- Graduate admissions committee, 2016-19
- Department chair search committee, 2016

School of Marine Science & Policy

- P&T committee (ad hoc member), 2023-24
- Faculty search committee, 2017

Faculty search committee for cluster hire in Coupled Human-Natural Systems, 2019

Advisory Committees:

Chesapeake Bay Program Scientific and Technical Advisory Committee (STAC)

- Executive Board Member, 2022 – current
- Member, Social Sciences Working Group, 2024 - current
- Workshop Co-Chair “Identifying Natural and Social Sciences Gaps to Support Market-Based Approaches to Chesapeake Bay Watershed Restoration” 2024-25
- Workshop steering committee “Overcoming the Hurdle: Addressing Implementation of Agricultural Best Management Practices (BMPs) Through a Social Science Lens” 2020-22
- Member, 2019-current

Professional Associations:

Northeastern Agricultural and Resource Economics Association,

- Career Advancement & Mentorship Program, Co-Chair, 2021-22; Chair, 2022-2025
- Diversity & Inclusion Committee (and original task force), 2018-2021
- Communications Co-Chair, 2016-2018
- Working group for membership and conference registration, 2018
- Social Media Co-chair, 2016 – 2018

Agricultural and Applied Economics Association

- Land, Water, & Environmental Economics (ENV) Section, Past-Chair, 2019-2020; Chair, 2018 –2019; Chair-elect 2017-2018; Poster Committee, 2016, 2017, 2018, 2019
- Committee on Women in Agricultural Economics (CWAE), Past-Chair, 2018-2019; Chair, 2017–2018; Chair-elect, 2016-2017

Conference on Behavioral & Experimental Agri-Environmental Research: Methodological Advancements & Applications for Policy (CBEAR-MAAP). October 13-15, 2017, Lead Organizer.

Editorial Appointments:

Associate Editor, Applied Economic Perspectives & Policy, 2025 – 2028
Associate Editor, American Journal of Agricultural Economics, 2020 – 2024
Editorial Council, Journal of Agricultural and Resource Economics, 2018 – 2021
Guest Editor, Environmental and Resource Economics, Vol. 73 (issue 3), July 2019

Peer-reviewer for:

Journal articles:

Agricultural & Resource Economics Review, American Journal of Agricultural Economics, Applied Economics Teaching Resources, Choices, Conservation Letters, Ecological Economics, Environmental & Resource Economics, European Review of Agricultural Economics, Food Policy, Journal of Agricultural & Resource Economics, Journal of Economic Education, Journal of Environmental Economics & Management, Journal of the Agricultural and Applied Economics Association, Journal of the Association of Environmental & Resource Economists, Journal of Environmental Management, Journal of Soil & Water Conservation, Land Economics, Water Resources Research

Grant proposals:

USDA-NIFA Review Panel (2015, 2023); Stone Living Lab (2021); University of Delaware College of Agriculture and Natural Resources Seed Grant (2016, 2018)

Abstracts:

AAEA Annual Meeting Abstract Reviewer (2015, 2017, 2018, 2022); WAEA Annual Meeting Abstract Reviewer (2018)

Updated Sept 08, 2026