H. Allen Klaiber

Department of Agricultural, Environmental and Development Economics
The Ohio State University
333 Agricultural Administration Bldg.
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EDUCATION

North Carolina State University, Raleigh, North Carolina, USA

B.S.,	Computer Science (*SUMMA CUM LAUDE*)	August 2000 - May 2003
M.E.,	Economics	August 2003 - May 2005
Ph.D.,	Economics (Advisor: DJ Phaneuf)	August 2003 - December 2008

PROFESSIONAL APPOINTMENTS

The Ohio State University, Department of Agricultural, Environmental and Development Economics

Associate Professor, Environmental and Resource Economics	September 2014 – Present
Director of Graduate Studies	July 2017 – Present
Assistant Professor, Environmental and Resource Economics	September 2011 – August 2014

University of Natural Resources and Life Sciences (BOKU), Vienna Austria

Fulbright Scholar	Beginning March 2019

The Pennsylvania State University, Department of Agricultural Economics and Rural Sociology

Assistant Professor, Environmental and Resource Economics	September 2009 – August 2011

Arizona State University

Postdoctoral Fellow (Advisor: VK Smith)	September 2008 - August 2009

North Carolina State University, Department of Agricultural and Resource Economics

Graduate Research Assistant (Advisors: MT Holt, DJ Phaneuf)	August 2003 - August 2008

PUBLICATIONS (STUDENT CO-AUTHOR INDICATED BY *)

PEER-REVIEWED JOURNAL ARTICLES

1. **Klaiber, HA** and Holt, MT, "The Role of Theoretical Restrictions in Forecasting with Inverse Demand Models." AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS. Vol. 92, no. 1: 70-85. 2010.
2. **Klaiber, HA** and Phaneuf, DJ, "Valuing Open Space in a Residential Sorting Model of the Twin Cities." JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT. Vol. 60, no. 2: 57-77. 2010. Lead article.

3. Abbott, JK and **Klaiber, HA**, "Is All Space Created Equal? Uncovering the Relationship between Competing Land Uses in Subdivisions." ECOLOGICAL ECONOMICS. Vol. 70, no. 2: 296-307. 2010. (authorship equally shared)
4. Abbott, JK and **Klaiber, HA**, "An Embarrassment of Riches: Confronting Omitted Variable Bias and Multiscale Capitalization in Hedonic Price Models." REVIEW OF ECONOMICS AND STATISTICS. Vol. 93, no. 4: 1331-1342. 2011. (authorship equally shared)
5. **Klaiber, HA** and Smith, VK, "Developing General Equilibrium Benefit Analyses for Social Programs: An Introduction and Example." JOURNAL OF BENEFIT-COST ANALYSIS. Vol. 3, no. 2: 52. 2012.
6. Abbott, JK and **Klaiber, HA**, "The Value of Water as an Urban Club Good: A Matching Approach to Community-Provided Lakes." JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT. Vol. 62, no. 2: 208-224. 2013. (authorship equally shared)
7. **Klaiber, HA** and Smith, VK, "Quasi Experiments, Hedonic Models, and Estimating Tradeoffs for Local Amenities." LAND ECONOMICS. Vol. 89: 413-431. 2013.
8. Smith, VK, Mansfield, C and **Klaiber, HA**, "Terrorist Threats, Information Disclosures, and Consumer Sovereignty." INFORMATION ECONOMICS AND POLICY. Vol. 25: 225-234. 2013.
9. **Klaiber, HA**, Smith, VK, Kaminsky*, M and Strong. "Measuring Price Elasticities for Residential Water Demand with Limited Information." LAND ECONOMICS Vol. 90: 100-113. 2014.
10. Gopalakrishnan, S and **Klaiber, HA**, "Is the Shale Boom a Bust for Nearby Residents? Evidence from Housing Values in Pennsylvania." AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS. Vol. 96, no. 1: 43-66. 2014. (authorship equally shared)
11. Connolly*, C and **Klaiber, HA**, "Does Organic Command a Premium When the Food is Already Local?" AMERICAN JOURNAL OF AGRICULTUAL ECONOMICS. Vol. 96, no. 4: 1102-1116. 2014.
12. **Klaiber, HA,** "Migration and Household Adaptation to Climate: A Review of Empirical Research." ENERGY ECONOMICS. Vol. 46: 539-547. 2014.
13. Livy*, M and **Klaiber, HA**. "Maintaining Public Goods: The Capitalized Value of Local Park Renovations." LAND ECONOMICS. Vol. 92, no. 1: 96-116. 2016.
14. Fan*, Q, **Klaiber, HA** and Fisher-Vanden, K. "Does Extreme Weather Drive Interregional Brain Drain in the U.S.? Evidence from a Sorting Model." LAND ECONOMICS. Vol. 92, no 2: 363-388. 2016.
15. Goodenberger*, JS and **Klaiber, HA**. "Evading Invasives: How Eurasian Water-Milfoil Affects the Development of Lake Properties." ECOLOGICAL ECONOMICS. Vol. 127: 173-184. 2016.
16. Taylor, MR, **Klaiber, HA** and Kuchler, F. "Changes in U.S. Consumer Response to Food Safety Recalls in the Shadow of BSE." FOOD POLICY. Vol. 62: 56-64. 2016

17. Wrenn, DH, **Klaiber, HA** and Jaenicke, T. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior: Evidence from Bottled Water Purchases." JOURNAL OF THE ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS. Vol. 3, no. 4: 779-817. 2016. Lead article.

18. Davlasheridze*, M, Fisher-Vanden, K and **Klaiber, HA**. "The Effects of Adaptation Measures on Hurricane Induced Property Losses." JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT. Vol. 81: 93-114. 2017.

19. **Klaiber, HA**, Gopalakrishnan, SG and Hasan*, S. "Missing the Forest for the Trees: Balancing Shale Exploration and Conservation Goals through Policy." CONSERVATION LETTERS. Vol. 10, no 1: 153-159. 2017.

20. Wrenn, DH, **Klaiber, HA** and Newburn, DA. "Confronting Price Endogeneity in a Duration Model of Residential Subdivision Development." JOURNAL OF APPLIED ECONOMETRICS. Vol. 32: 661-682. 2017.

21. Wolf*, D and **Klaiber, HA**. "Bloom and Bust: Toxic Algae's Impact on Nearby Property Values." ECOLOGICAL ECONOMICS. Vol. 135: 209-221. 2017.

22. **Klaiber, HA,** Salhofer, K and Thompson, SR. "Capitalisation of the SPS into Farmland Rental Rates under the 2013 CAP Reform." JOURNAL OF AGRICULURAL ECONOMICS. Vol. 68: 710-726. 2017.

23. Wolf*, D, Georgic*, W and **Klaiber, HA**. "Reeling in the Damages: Harmful Algal Blooms' Impact on Lake Erie's Recreational Fishing Industry. JOURNAL OF ENVIRONMENTAL MANAGEMENT. Vol. 199: 148-157. 2017.

24. **Klaiber, HA**, Abbott, JK and Smith, VK. "Some Like it (Less) Hot: Joint Valuation of the Urban Heat Island and Cooling Vegetation in an Arid City." JOURNAL OF THE ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS. Vol. 4: 1053-1079. 2017.

25. Irwin*, NB, **Klaiber, HA** and Irwin, EG. "Do Stormwater Basins Generate Co-Benefits? Evidence from Baltimore County, Maryland." ECOLOGICAL ECONOMICS. Vol. 141: 202-212. 2017.

26. Towe, C, **Klaiber, HA** and Wrenn, D. "Not My Problem: Growth Spillovers from Uncoordinated Land Use Policy." LAND USE POLICY. Vol. 67: 679-689. 2017.

27. Hasan*, S, Faggian, A, **Klaiber, HA** and Sheldon, I. "Agglomeration Economies or Selection? An Analysis of Taiwanese Science Parks." INTERNATIONAL REGIONAL SCIENCE REVIEW. Vol. 41 (3): 335-363. 2018.

28. Livy*, M, Gopalakrishnan, S, **Klaiber, HA**, Roe, B. "The Impact of Intensity on Risk Perceptions of Unconventional Shale Gas Development." JOURNAL OF ENVIRONMENTAL MANAGEMENT. Vol. 218: 630-638. 2018.

29. Fan, Q, Fisher-Vanden, K and **Klaiber, HA**. "Climate Change, Migration, and Regional Economic Impacts in the U.S." JOURNAL OF THE ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS. Vol 5: 643-671. 2018. Editor's Choice Article.

30. **Klaiber, HA** and von Haefen, R. "Do Random Coefficients and Alternative Specific Constants Improve Policy Analysis? An Empirical Investigation of Model Fit and Prediction." ENVIRONMENTAL AND RESOURCE ECONOMICS. Forthcoming.
31. Hasan*, S, Sheldon, I and **Klaiber, HA**. "Regional Innovation Policy in Taiwan and South Korea: Impact of Science Parks on Firm-Productivity Distributions." SMALL BUSINESS ECONOMICS. Forthcoming.

PAPERS IN PROCEEDINGS AND BULLETINS (LIGHT/NO PEER REVIEW)

1. **Klaiber, HA** and Phaneuf, DJ. "Do Sorting and Heterogeneity Matter for Open Space Policy Analysis? An Empirical Comparison of Hedonic and Sorting Models" AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS. Vol. 91: 1312-1318. 2009.

BOOK CHAPTERS

1. **Klaiber, HA** and Smith, VK, "Preference Heterogeneity and Non-Market Benefits: The Roles of Structural Hedonics and Sorting Models." In International Handbook on Non-Market Environmental Valuation. Edited by: Bennett, Jeff. Northampton: Edward Elgar. 2011.
2. **Klaiber, HA** and Smith, VK, "Developing General Equilibrium Benefit Analyses for Social Programs: An Introduction and Example." In Principles and Standards for Benefit–Cost Analysis. Edited by: Farrow, S. and Zerbe, R. Northampton: Edward Elgar Publishing Inc. 194-246. 2013.
3. **Klaiber, HA** and Kuminoff, NV, "Equilibrium Sorting Models of Land Use and Residential Choice." In Oxford Handbook of Land Economics. Edited by Duke, J and Wu, J. New York: Oxford University Press. 2014. (authorship equally shared)

UNDER REVIEW

1. Wrenn, DH and **Klaiber, HA**. "Price Based Land Use Policy and Development Density: Impacts on Urban Land Use." R&R at International Economic Review.
2. Connolly*, C, Livy*, M., Qiu*, Y. and **Klaiber, HA**. "Capitalization of Interconnected Active Transportation Infrastructure." R&R at Landscape and Urban Planning.
3. Xu*, S and **Klaiber, HA**. "The Impact of Natural Gas Pipelines on Emissions and Fuel Consumption in China." R&R at Resource and Energy Economics.
4. Connolly*, C and **Klaiber, HA**. "Competition in Local Foods Markets." R&R at Journal of Agricultural and Resource Economics.
5. Goodenberger*, JS, Gopalakrishnan, S and **Klaiber, HA**. "The Optimal Control of Invasive Species with Heterogeneous Carrying Capacities and Intensities." In Review at Environmental and Resource Economics.
6. Chen*, W and **Klaiber, HA**. "Does Road Expansion Help Mitigate Congestion in China? An Evaluation of Vehicle-Kilometers Traveled." In Review at Journal of Urban Economics.

7. **Klaiber, HA**, Newburn, D and Wrenn, D. "Price Based Policies for Managing Residential Development and Impacts on Water Quality." In Review at Resource and Energy Economics.
8. Dong*, X and **Klaiber, HA**. "The Energy and Carbon Costs of Consumer Stockpiling in Response to the EISA "Light Bulb Ban." In Review at Energy Economics.
9. Wolf*, D, Chen*, W,, Gopalakrishnan, SG, Haab, T, **Klaiber, HA**. "The Impact of Algae on Recreation Behavior." In Review at Land Economics.

WORKING PAPERS

1. Wolf*, D, Gopalakrishnan, SG, **Klaiber, HA**. "The Cost of Algae Contamination in Freshwater Lakes: Identification of Demand Functions for Environmental Quality."
2. Georgic*, W and **Klaiber, HA**. "Identifying the Costs to Homeowners of Eliminating NFIP Subsidies."
3. Wolf*, D, Gopalakrishnan, SG and **Klaiber, HA**. "Does Heterogeneity within the Second-Stage Matter? Recovering Water Quality Demand Functions using a Nationwide Housing Database."
4. Dong*, X, Gopalakrishnan, SG, **Klaiber, HA** and Wrenn, D. "The Hidden Carbon Costs of Land Use Change from Shale Development."
5. Xu*, S, **Klaiber, HA** and Miteva, D. "The Impact of Concessions on Household Location Choice and Well-Being in Indonesia.
6. Gopalakrishnan, SG, **Klaiber, HA** and Qiu, Y. "Dredging the Sand Commons: Examining Tradeoffs in the Timing of Shoreline Stabilization."
7. Plakias, Z, **Klaiber, HA** and Roe, BR. "Heterogeneity in Local Foods Offering by Farm-To-School Districts in the U.S."
8. Abbott, JK, **Klaiber, HA** and Smith, VK, "Economic Behavior, Market Signals, and Urban Ecology."
9. Towe, C and **Klaiber, HA**. "A Valuation of Restored Streams Using Repeat Sales."
10. **Klaiber, HA** and Wang*, H. "Interactions Between Private and Public Lands in Determining the Optimal Timing of New Housing Development."
11. Stephens*, H, Irwin, E and **Klaiber, HA**. "A Case for Amenity-Driven Growth? Estimating Heterogeneous Household Demands for Lake Amenities and Industrial Disamenities in the Great Lakes Region."
12. **Klaiber, HA** and Smith, VK. "Valuing Incremental Highway Capacity in a Network."
13. **Klaiber, HA** and Phaneuf, DJ. "Linking Demand and Supply in a Housing Market Sorting Model."

TEACHING

The Ohio State University

Applied Demand Analysis (AEDECON 803)	Spring 2012
Environmental and Resource Economics (AEDECON 4310)	Fall 2012, 2013, 2014, 2015, 2016, 2017
Benefit Cost Analysis (AEDECON 5330)	Fall 2012, 2013, 2014, 2015
Benefit Cost Analysis (AEDECON 6330)	Fall 2016, 2017
Advanced Environmental Economics (AEDECON 7310)	Fall 2013, 2014, 2015, 2016, 2017
Advanced Resource Economics (AEDECON 7320)	Spring 2017

The Pennsylvania State University

Applied Discrete Choice Analysis (AEREC 597C)	Spring 2010
Land Use Dynamics (CED 309)	Fall 2010
Env & Nat Resource Econ (AEREC 541)	Fall 2010
Applied Welfare Analysis (AEREC 597A)	Spring 2011

CONFERENCES AND PRESENTATIONS

Local

1. "Valuing Incremental Highway Capacity in a Network." Texas Tech Seminar Series. Lubbock, Texas, United States. 2009.
2. "Is All Space Created Equal? Uncovering the Relationship between Competing Land Uses in Subdivisions." CUERE Seminar Series, University of Maryland Baltimore County. Baltimore, Maryland, United States. 2010.
3. "Measuring Price Elasticities for Residential Water Demand with Limited Information." The Ohio State University. Columbus, Ohio, United States. 2010.
4. "Some Like it (Less) Hot: Joint Valuation of the Urban Heat Island and Cooling Vegetation in an Arid City." Glenn School Colloquium Series. Columbus, Ohio, United States. 2014.
5. "Linking Demand and Supply in a Housing Market Sorting Model." Oregon State University. Corvallis, Oregon, United States. 2014.
6. "Some Like it (Less) Hot: Joint Valuation of the Urban Heat Island and Cooling Vegetation in an Arid City." Virginia Tech. Blacksburg, Virginia, United States. 2014.
7. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior: Evidence from Bottled Water Purchases." Ohio University. Athens, Ohio, United States. 2015.
8. "Price-Based Land Use Policies with Heterogeneous Development Outcomes: Impacts on Urban Land Use Patterns." University of Illinois Urbana-Champaign. Champaign, Illinois, United States 2017.
9. "Price-Based Land Use Policies with Heterogeneous Development Outcomes: Impacts on Urban Land Use Patterns." Kansas State University. Manhattan, Kansas, United States. 2017.

Regional

10. "Water/Energy Interactions." The Economics for Evaluating Water/Energy Interactions for Policy. Tempe, Arizona, United States. 2010. Moderator.
11. "Spatial Drivers and Water Policies as Determinants of the Location of Marcellus Shale Gas Development in Pennsylvania." Marcellus Shale Multi-State Academic Research Conference. Altoona, Pennsylvania, United States. (2011)
12. "Understanding Performance of Price and Non-Price Incentives and the Economic Value of Residential Water." Tempe, Arizona, United States. 2012.
13. "Is the Shale Boom a Bust for Nearby Residents? Evidence from Housing Values in Pennsylvania." Bucknell/SRSA Workshop on Shale Exploration. Lewisburg, Pennsylvania, United States. 2012. Keynote.
14. "Migration and Household Adaptation to Climate: A Review of Empirical Research." NBER Workshop on Climate Adaptation. Cambridge, Massachusetts, United States. 2012.
15. "Interactions between Policy and People: BES Research on Stream Restoration and Zoning." Urbanization, Institutions, and Sustainability Workshop. Tempe, Arizona, United States. 2013.
16. "Smart Growth and Land Use Patterns." Midwest Economic Association. Evanston, Illinois, United States. 2014. (Presented by Matthew Gnagey)
17. "It's Better than Mothing: The Optimal control of a Biological Invasion with Application to the Gypsy Moth." Wrightsville Beach, North Carolina, United States. 2014. (Presented by James Goodenberger)
18. "Compensating Differentials of Rents, Wages and agricultural Returns: The Quality-of-Life among Indonesian Regencies and Cities." Midwest Economic Association. Evanston, Illinois, United States. 2018. (Presented by Wei Chen)
19. "The Cost of Algae Contamination in Freshwater Lakes: Identification of Environmental Quality Demand Functions Using Climate-Based Instruments." Camp Resources. Wrightsville Beach, North Carolina, United States. 2017. (Presented by David Wolf)

National

20. "The Role of Theoretical Restrictions in Price Forecasting with Inverse Demand Models." American Agricultural Economics Association. Portland, Oregon, United States. 2007.
21. "Do Random Parameters and Alternative Specific Constants Improve Welfare Analysis? An Empirical Investigation." Southern Economic Association. New Orleans, Louisiana, United States. 2007.
22. "Do Sorting and Heterogeneity Matter for Open Space Policy Analysis? An Empirical Comparison of Hedonic and Sorting Models." American Agricultural Economics Association. San Francisco, California, United States. 2009.
23. "Valuing Open Space in a Locational Equilibrium Model of the Twin Cities." American Agricultural Economics Association. Orlando, Florida, United States. 2009.

24. "Sufficient Statistics for Measuring the Value of Changes in Local Public Goods: Does Chetty's Framework Inform Lind?" Agricultural and Applied Economics Association. Milwaukee, Wisconsin, United States. 2009.
25. "Quasi Experiments, Capitalization, and Estimating Tradeoffs for Changes in Spatially Delineated Amenities." W2133 Annual Meetings. Tucson, Arizona, United States. 2010.
26. "Estimating the Price Elasticity of Demand for Water with Quasi Experimental Methods." Agricultural and Applied Economics Association. Denver, Colorado, United States. 2010.
27. "Linking Developers and Homeowners in a Horizontal Sorting Framework: Implications for General Equilibrium Welfare Measurement." North American Regional Science Council. Denver, Colorado, United States. 2010.
28. "Measuring Economic Tradeoffs for "Wet" Landscapes as Sources of Environmental Services: Spatial Scale and Sorting." AERE Session at Annual ASSA Winter Meetings. Denver, Colorado, United States. 2011.
29. "Recovering Household Valuation of Urban Heat Island in the Presence of Omitted Variables across Spatial Scales." Invited Track Session. Association of Environmental and Resource Economists. Seattle, Washington, United States. 2011.
30. "The Value of Water as an Urban Club Good: A Matching Approach to HOA-Provided Lakes." Association of Environmental and Resource Economists. Seattle, Washington, United States. 2011. (Presented by Joshua Abbott)
31. "Exploiting Spatial and Temporal Variations in Residential Subdivision Development to Identify Urban Growth Spillovers." Association of Environmental and Resource Economists. Seattle, Washington, United States. 2011. (Presented by Charles Towe)
32. "The Value of Water as an Urban Club Good: A Matching Approach to HOA Provided Lakes." Agricultural and Applied Economics Association. Pittsburgh, Pennsylvania, United States. 2011.
33. "Exploiting Spatial and Temporal Variations in Residential Subdivision Development to Identify Urban Growth Spillovers." Agricultural and Applied Economics Association. Pittsburgh, Pennsylvania, United States. 2011. (Presented by Charles Towe)
34. "The Role of Water Access and Land Use Policy in Determining Locations of New Housing: The Housing boom in Phoenix, AZ." North American Regional Science Council. Miami, Florida, United States. 2011.
35. "Measuring the Economic Impact of Shale Oil Exploration on Housing Value in Pennsylvania." AERE Summer Conference. Asheville, North Carolina, United States. 2012.
36. "A Valuation of Restored Streams Using Repeat Sales." AERE Summer Conference. Asheville, North Carolina, United States. 2012. (Presented by Charles Towe)
37. "A Case for Amenity Driven Growth? Estimating Heterogeneous Household Demands for Lake Amenities and Industrial Disamenities in the Great Lakes Region." AERE Summer Conference. Asheville, North Carolina, United States. 2012. (Presented by Heather Stephens)

38. "Climate Change Impacts on U.S. Migration and Household Location Choice." AERE Summer Conference. Asheville, North Carolina, United States. 2012. (Presented by Qin Fan).
39. "The Effects of Adaptation Measures on Hurricane Induced Property losses." AERE Summer Conference. Asheville, North Carolina, United States. 2012. (Presented by Meri Davlasheridze)
40. "Measuring the Economic Impact of Shale Oil Exploration on Housing Value in Pennsylvania." Agricultural and Applied Economics Association. Seattle, Washington, United States. 2012.
41. "Are Consumers Willing to Pay for Organic when the Food is Already Local?" Agricultural and Applied Economics Association. Seattle, Washington, United States. 2012. (Presented by Cristina Connolly)
42. "A Valuation of Restored Streams Using Repeat Sales." Agricultural and Applied Economics Association. Seattle, Washington, United States. 2012. (Presented by Charles Towe)
43. "Climate Change Impacts on U.S. Migration and Household Location Choice" Agricultural and Applied Economics Association. Seattle, Washington, United States. 2012. (Presented by Qin Fan)
44. "A Meta-Analysis and Repeat Sales Approach to Decomposing Local Park Attributes." Agricultural and Applied Economics Association. Washington, DC, United States. 2013. (Presented by Mitchell Livy)
45. "Evading Invasives: How Water-Milfoil Impacts New Lakefront Development." Agricultural and Applied Economics Association. Washington, DC, United States. 2013. (Presented by James Goodenberger)
46. "Structural Change in the U.S. Consumer Response to Food Safety Recalls." Agricultural and Applied Economics Association. Washington, DC, United States. 2013. (Presented by Mykel Taylor)
47. "Selection and Agglomeration Impact on Firm's Productivity – A Study of Taiwan's Manufacturing Section." North American Regional Science Conference. Atlanta, Georgia, United States. 2013. (Presented by Syed Hasan)
48. "Preference Tradeoffs across Spatial Scales: Developing a Micro Level Sorting Model." Agricultural and Applied Economics Association. Minneapolis, Minnesota, United States. 2014. (Presented by Mitchell Livy)
49. "It's Better Than Mothing: Modeling the Optimal Control of Gypsy Moths." Agricultural and Applied Economics Association. Minneapolis, Minnesota, United States. 2014. (Presented by James Goodenberger)
50. "Local Amenities, Equity, and Household Mobility: Nominal Loss Aversion in Baltimore County." North American Regional Science Conference. Washington, DC, United States. 2014. (Presented by Eliot Alexander)
51. "Stormwater Management Practices and Suburban House Prices." North American Regional Science Conference. Washington, DC, United States. 2014. (Presented by Nicholas Irwin)
52. "Location Choice and Health Tradeoffs: A Micro-Level Analysis of Household Well-Being." North American Regional Science Conference. Washington, DC, United States. 2014. (Presented by Cristina Connolly)
53. "An Equilibrium Model of Household Sorting and Residential Land Development." North American Regional Science Conference. Washington, DC, United States. 2014. (Presented by Douglas Wrenn)

54. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior: Evidence from Bottled Water Purchases." Southern Economics Association Annual Meetings. New Orleans, Louisiana, United States. 2015.
55. "The Optimal Control of Invasive Species in Heterogeneous Environments." AERE Summer Conference. San Diego, California, United States. 2015. (Presented by Sathya Gopalakrishnan)
56. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior: Evidence from Bottled Water Purchases." AERE Summer Conference. San Diego, California, United States. 2015. (Presented by Douglas Wrenn)
57. "Stormwater Management and Suburban House Prices." AERE Summer Conference. San Diego, California, United States. 2015. (Presented by Nicholas Irwin)
58. "A Structural Approach to Health and Environmental Valuation." Agricultural and Applied Economics Association Annual Meeting. Track Session (Invited). San Francisco, California, United States. 2015.
59. "Confronting Price Endogeneity in a Duration model of Residential Subdivision Development." Agricultural and Applied Economics Association. San Francisco, California, United States. 2015. (Presented by Douglas Wrenn)
60. "Local Foods and New Market Entrants: The Role of Competition and Differentiation." Agricultural and Applied Economics Association. San Francisco, California, United States. 2015. (Presented by Cristina Connolly)
61. "Development of a Multi-Spatial Residential Sorting Model: Implications for Stormwater Management Policies." North American Regional Science Conference. Portland, Oregon, United States. 2015. (Presented by Mitchell Livy)
62. "Blue Green Algae's Impact on Ohio's Inland Lake Housing Markets." AERE Summer Conference. Breckenridge, Colorado, United States. 2016.
63. "A Valuation of Urban Stream Restorations." AERE Summer Conference. Breckenridge, Colorado, United States. 2016.
64. "Meeting Water Quality Standards by Altering Land Use Patterns: An Analysis of Price vs. Quantity Based Policy Instruments." AERE Summer Conference. Breckenridge, Colorado, United States. 2016. (Presented by Douglas Wrenn)
65. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior." Agricultural and Applied Economics Association Annual Meeting. Track Session (Invited). Boston, Massachusetts, United States. 2016.
66. "Blue Green Algae's Impact on Ohio's Inland Lake Housing Markets." Agricultural and Applied Economics Association. Boston, Massachusetts, United States. 2016. (Presented by David Wolf)
67. "Price-Based Policies for Residential Development Patterns and Impacts to Water Quality in the Chesapeake Bay." AERE Summer Conference. Pittsburgh, Pennsylvania, United States. 2017. (Presented by Douglas Wrenn)

68. "The Cost of Algae Contamination in Fresh Water Lakes: Identification of Environmental Quality Demand Functions Using Perfect and Imperfect Instruments." AERE Summer Conference. Pittsburgh, Pennsylvania, United States. 2017. (Presented by David Wolf)
69. "Price-Based Policies for Residential Development Patterns and Impacts to Water Quality in the Chesapeake Bay." Agricultural and Applied Economics Association. Chicago, Illinois, United States. 2017. (Presented by Douglas Wrenn)
70. "Reeling in the Damages: Harmful Algal Blooms' Impact on Lake Erie's Recreational Fishing Industry." Agricultural and Applied Economics Association. Chicago, Illinois, United States. 2017. (Presented by Will Georgic)

International

71. "Evaluating Rubin's Causal Model for Measuring the Capitalization of Environmental Amenities." International Conference on Statistics, Probability, Operations Research, Computer Science and Allied Areas. Visakhapatnam, India. 2010.
72. "Does Residential Water Demand Respond to Climatic Conditions." The Fourth World Congress of Environmental and Resource Economists. Montreal, Quebec, Canada. 2010.
73. "A Case for Amenity-Driven Growth? Estimating Heterogeneous Household Demands for Lake Amenities and Industrial Disamenities in the Great Lakes Region." North American Regional Science Conference. Ottawa, Ontario, Canada. 2011. (Presented by Heather Stephens)
74. "Recovering Household Valuation of Urban Heat Island in the Presence of Omitted Variables across Spatial Scales." VU University Amsterdam Seminar Series. Amsterdam, Netherlands. 2013.
75. "Maintaining Public Goods: Household Valuation of New and Renovated Local Parks." AERE Summer Conference. Banff, Alberta, Canada. 2013.
76. "Generalized Nearest-Neighbor Estimators for Property Matching Models." AERE Summer Conference. Banff, Alberta, Canada. 2013. (Presented by Klaus Moeltner)
77. "Evading Invasives: How Eurasian Water-Milfoil Affects the Development of Lakefront Properties." The World Congress of Environmental and Resource Economists. Istanbul, Turkey. 2014.
78. "Does Road Expansion Help Mitigate Congestion in China? An Evaluation of Vehicle-Kilometers Traveled." North American Regional Science Conference. Vancouver, British Columbia, Canada. 2017. (Presented by Wei Chen)
79. "Does Road Expansion Help Mitigate Congestion in China? An Evaluation of Vehicle-Kilometers Traveled." The Sixth World Congress of Environmental and Resource Economists. Gothenburg, Sweden. 2018.
80. "Does Heterogeneity within the Second-Stage Matter? Recovering Water Quality Demand Functions using a Nationwide Housing Database." The Sixth World Congress of Environmental and Resource Economists. Gothenburg, Sweden. 2018. (Presented by David Wolf)

81. "Dredging the Sand Commons: Examining Tradeoffs n the Timing of Shoreline Stabilization." The Sixth World Congress of Environmental and Resource Economists. Gothenburg, Sweden. 2018. (Presented by Sathya Gopalakrishnan)

FUNDED RESEARCH

1. Co-PI. 09/2010 - 08/2012. Regional Water Issues Surrounding Marcellus Shale Gas Extraction: Informing Stakeholders about Water/Wastewater Flows and Factors Affecting Drilling Location. U.S. Department of Agriculture ($59,850, Total Award). PI: Abdalla, C.
2. Co-PI. 01/2011 – 08/2016. Linkages and Feedbacks between Regional Climate Variability and Patterns of Urban Development - Impacts on the Urban Water Cycle and Nutrient Export. National Science Foundation ($5,000,000, Total Award; $281,615, Klaiber Award). PI: Welty, C.
3. Co-PI. 08/2012 – 07/2015. Local Foods and Supporting Policies: An Investigation of CSA Farms. Food Innovation Center, The Ohio State University ($2,500, Total Award). Co-PIs include Connolly*, C and Roe, B.
4. Co-PI. 07/2013 – 12/2016. Environmental Impacts of Shale Oil Exploration in Ohio and Pennsylvania: Capacity Building and Economic Analysis. OARDC Seed Grant ($49,995, Total Award). Co-PIs: Gopalakrishnan, S., Roe, B.
5. Co-PI. 01/2014 - Present. Local Foods and School Meal Demand: A Hybrid Consumer Modeling Approach. U.S. Department of Agriculture ($499,978, Total Award). PI: Roe, B.
6. Co-PI. 09/2014 - Present. Diversification Strategies for Small and Medium-Sized Farms. U.S. Department of Agriculture, NIFA ($379,999, Total Award). PI: Hoy, C.

EXTENSION AND OUTREACH

Publications

1. Abdalla, C, Drohan, J, Rham, B, Jaquet, J, Becker, J, Collins, A, **Klaiber, HA**, Poe, G and Grantham, D, "Water's Journey Through the Shale Gas Drilling and Production Processes in the Mid-Atlantic Region." Pennsylvania State University in conjunction with various parties. 2012.
2. Gopalakrishnan, S**, Klaiber, HA**, "What Real Estate Tells Us About the Downside of Shale Energy Development." SERC Research Notes. The Ohio State University. 2014.

Presentations

1. Presenter. "Issues and Opportunities for the Shale Gas Production Complex." Farm Science Review. Columbus, Ohio, United States. 2011.
2. Presenter. "Shale Gas: Landscape, Location, and Environment." Swank Program Annual Meeting. Columbus, Ohio, United States. 2011.

3. Presenter. "The Economics of Shale Gas Exploration." Ohio Chapter of the American Society of Farm Managers and Rural Appraisers. Columbus, Ohio, United States. 2012.
4. Presenter. "Winners and Losers in the Shale Boom: Implications for Property Owners." 2013 Agricultural Policy and Outlook Series. Columbus, Ohio, United States. 2012.
5. Presenter. "Valuation of Bikeways: Implications for Policy." Mid-Ohio Regional Planning Commission. Columbus, Ohio, United States. 2014.
6. "Markets and the Environment." Community Development Meeting. The Ohio State University. Columbus, Ohio. 2018.
7. "The Economic Impacts of Harmful Algal Blooms." Environmental Policy and Outlook Conference. Columbus, Ohio. 2018.

Mentions in Press

1. Shea, Christopher. 2010. "The public's right to know about downed airliners." The Boston Globe online (Boston.com), Posted August 3, 2010 12:55 PM.
2. "Homeowners Worry Property Values Plummet Due to Nearby Fracking." WVIZ PBS Ideastream (Radio). http://www.ideastream.org/news/feature/50911. Aired: December 2012.
3. "Advancing Land Change Modeling: Opportunities and Research Requirements." National Academies Press, Posted January 1, 2014.
4. "Algal Blooms Cost Ohio Homeowners $152 million over Six Years." Environmental News Network, Posted August 17, 2017.
5. "Algal Blooms Cost Ohio Homeowners $152 million over Six Years." EurekAlert!, Posted August 17, 2017.
6. "Algal Blooms Cost Ohio Homeowners $152 million over Six Years." Newswise, Posted August 17, 2017.
7. "Algal Blooms Cost Ohio Homeowners $152 million over Six Years." ScienceDaily, Posted August 17, 2017.
8. "Algal Blooms Cost Ohio Homeowners $152 million over Six Years." Science Newsline, Posted August 17, 2017.
9. "Algal blooms have cost Ohioans $152 million in property value." The Toledo Blade, Posted August 18, 2017.
10. "Algae Blooms Cost Buckeye Lake Homeowners More than $100 Million." WOSU Radio, Columbus OH. August 18, 2017.
11. "Study: Algae Blooms Lower Home Values." WCBE Radio, Columbus OH. August 22, 2017.
12. "Study: $51M losses for lake property-algal blooms take toll on values." The Daily Standard Stories, Posted August 24, 2017.
13. "Report: Algae Affects Property Values." Press Pros Magazine. Posted September 4, 2017.
14. "How We recover From the Recent Hurricanes Could Impact The National Economy for Decades." Forbes. Posted September 21, 2017.

15. "Ohio releases plan to curb Lake Erie algae blooms by 2021." The Columbus Dispatch, Posted November 19, 2017.

SERVICE AND ADVISING

Editorships

Associate Editor, American Journal of Agricultural Economics, 2012-2015

Editorial Council, Journal of the Association of Environmental and Resource Economists, 2014-Present

Editorial Council, Journal of Environmental Economics and Management, 2016-Present

Reviewer

American Journal of Agricultural Economics; Applied Economic Perspectives and Policy; Ecological Economics; Energy Economics; Environmental and Resource Economics; Food Policy; International Regional Science Review; Journal of Agricultural and Applied Economics; Journal of Agricultural Economics; Journal of Benefit-Cost Analysis; Journal of the Association of Environmental and Resource Economists; Journal of Environmental Economics and Management; Journal of Environmental Management; Journal of Real Estate Finance and Economics; Journal of Real Estate Research; Journal of Regional Science; Land Economics; Landscape and Urban Planning; Marine Resource Economics; Papers in Regional Science; Real Estate Economics; Resource and Energy Economics; Review of Regional Studies; Society and Natural Resources; The Annals of Regional Science; Water Resources and Economics; Water Resources Research

Professional Service

External Evaluator, Program on Coupled Human and Earth Systems Research Group (D.O.E.), 2018

Best Paper Committee, Journal of the Association of Environmental and Resource Economists, 2017- 2015

Reviewer, AAEA Selected Papers: 2017, 2014, 2013, 2012, 2011, 2010, 2009

Reviewer, AERE Selected Papers: 2017, 2016, 2012, 2011

Graduate Student Advising

Doctoral Student (Dissertation Advisor)

2011 - 2015 Cristina Connolly. The Ohio State University

Assistant Professor (tenure track), Cal Poly San Luis Obispo, California

Dissertation Title: "Three Essays on Local Food Consumption and Production"

SEEDS: The OARDC Graduate Research Enhancement Grant (2013)

OSU Food Innovation Center Social Science Grant (2012)

Career Development Grant, The Ohio State University Council of Graduate Students (2012)

2011 - 2015 Mitch Livy. The Ohio State University

Assistant Professor (tenure track), Cal State Fullerton, California

Dissertation Title: "Residential Location Choice and Environmental Amenities"

AEDE Best Doctoral Research Manuscript (2012)

2011 - 2015 Eliot Alexander. The Ohio State University

Lecturer, Ohio State University – Newark, Ohio

Dissertation Title: "Three Essays on US Homeowner's Response to a Changing Economy"

2012 - 2016 James Goodenberger. The Ohio State University

Assistant Professor (tenure track), Oglethorpe College, Atlanta, Georgia

Visiting Assistant Professor, Washington and Lee University, Lexington, Virginia (2016)

Dissertation Title: "Three Essays Regarding the Economics of Spatial-Dynamic Processes"

Bernie Erven Outstanding Graduate Teacher Award (2014)

AEDE Best Doctoral Research Manuscript (2013)

2014 - 2018 (e) David Wolf. The Ohio State University

Assistant Professor (tenure track), University of Wisconsin Eau Claire, Eau Claire, Wisconsin

Dissertation Title: "The Economic Impacts of Harmful Algal Blooms"

Bernie Erven Outstanding Graduate Teacher Award (2016)

2014 - Present Will Georgic. The Ohio State University

2015 - Present Wei Chen. The Ohio State University

2015 - Present Shaun Xu. The Ohio State University

2016 - Present Xiao Dong, The Ohio State University

2017 - Present Xiaoyu Li, The Ohio State University

Doctoral Student (Dissertation Committee Member)

2012 Matthew Winden. The Ohio State University. Graduated: 2012 (tenure track)

2011 - 2012 Heather Stephens. The Ohio State University. Graduated: 2012 (tenure track)

2009 - 2013 Qin Fan. The Pennsylvania State University. Graduated: 2013 (tenure track)

2010 - 2013 Meri Davlasheridze. Pennsylvania State University. Graduated: 2013 (tenure track)

2011 - 2014 Haoying Wang. Pennsylvania State University. Graduated: 2014 (tenure track)

2012 - 2013 Amanda Weinstein. The Ohio State University. Graduated: 2013 (tenure track)

2012 - 2013 Katie Farren. The Ohio State University. Graduated: 2012

2012 - 2013 Gracious Diro, The Ohio State University. Graduated: 2013

2012 - 2014 Matthew Gnagey. The Ohio State University. Graduated: 2014 (tenure track)

2012 - 2015 Norman Maldonado-Vargas. The Ohio State University

2013 Mark van Duijn. VU University Amsterdam. Graduated: 2013

2013 - 2014 Matthew Pham. The Ohio State University. Graduated: 2014

2013 - 2015 Syed Hasan. The Ohio State University. Graduated: 2015 (tenure track)

2013 - 2016 Yun Qiu. The Ohio State University. Graduated: 2016 (tenure track)

2014 - 2016 Nic Irwin. The Ohio State University. Graduated: 2016 (tenure track)

2015 - 2017 Elizabeth Botkins. The Ohio State University. Graduated: 2017

2017 – 2018(e) Danyi Qi. The Ohio State University. Graduated: 2018 (tenure track)

2017 - Present Chris Dunphy. The Ohio State University

2017 - Present Danbee Song. The Ohio State University

2017 - Present Jae-Wan Ahn. The Ohio State University

Masters Student Plan A (Committee Member)

2011 - 2012 Caitlyn Edmundson. The Pennsylvania State University. Graduated: 2012

Masters Student Plan B (Advisor)

2013 Li Hui. The Ohio State University. Graduated: 2013

2013 Merilee Newsham. The Ohio State University. Graduated: 2013

2013 - 2014 Joshua Roth. The Ohio State University. Graduated: 2014

2013 - 2014 Eric Meyer. The Ohio State University. Graduated: 2014

2013 - 2015 Alicia Anzivine. The Ohio State University. Graduated: 2015

2015 - 2016 Lauren Lopez. The Ohio State University. Graduated: 2016

2016 - 2018 Jane Powell. The Ohio State University. Graduated: 2018

Undergraduate Advising (by year beginning)

2013 Dan D'Amico ; Mattea Gilmore; Everado Hernandez; Matthew Millward; Anthony Ezzi

2014 Matthew Bucklew; Meghan Buckner; Nicole Cordy; Mitchell Cramer; Colin Grisier; Michael Headlee ; Bryson Hoppes ; David Johnson; Luke Lepi; Daniel Liberto; Guy Mayhew; Summer McCracken; Cailynn Moore; Mikayla Moore; Matthew Moran; Taylor Morbitzer; Ian Nyre ; Derek Rieman; Heather Scott ; Ryan Skaggs; Ethan Spade; Jeffrey Thaler; Jacob Waterman; Lauren Welrick; Taylor Wolf

2015 Colin Jones; Alec Lydrickson; Tyler Tedeschi

2016 Grace Alvarez; Emilie Giardini; Scott Harvard; Matthew Hiser; Brandon Johnstin; Anthony Keeton; Max Meyer; Kayla Murray

2017 Andrew Miller; David Swoope; Jacob Wildman

Departmental Service: Agricultural, Environmental and Development Economics, OSU

2012 AEDE Graduate Student Second Year Paper Reviewer

2012 AEDE Best Dissertation Award Selection

2012 - 2016 AEDE Seminar Committee

2013 - 2015 AEDE Faculty Advisory Council

2014 AEDE FIE/Co-Op Search Committee

2015 - 2016 AEDE Sustainable Development Search Chair

2016 - 2017 AEDE Graduate Committee Member

2017 - Present AEDE Director of Graduate Studies

University and College Service

2010 Judge, Gamma Sigma Delta Graduate Poster Judge. The Pennsylvania State University

2013 Judge, OARDC Annual Research Conference. The Ohio State University

2014 Judge, Denman Undergraduate Research Forum. The Ohio State University

2015 Judge, Denman Undergraduate Research Forum. The Ohio State University

2018 Judge, 2018 CFAES Annual Research Conference Competition. The Ohio State University

HONORS AND AWARDS

1. Fulbright Scholar 2018-2019 (Beginning March 2019). Vienna, Austria. 2018.
2. Editor's Choice Article. "Climate Change, Migration, and Regional Economic Impacts in the U.S." Journal of the Association of Environmental and Resource Economists. 2018.
3. Honorable Mention for Best Paper. "Is the Shale Boom a Bust for Nearby Residents? Evidence from Housing Values in Pennsylvania." American Journal of Agricultural Economics. 2015.
4. Invited International Ph.D. Exam Member. VU University Amsterdam. Amsterdam, Netherlands. 2013.
5. Professional Development Award. Sustainable Agriculture and the Role of Community Supported Agriculture. Nesbitt faculty Development, Pennsylvania State University. (13,500, Total Award). 2011.
6. AAEA Student Travel Grant. 2007.

PROFESSIONAL AFFILIATIONS

Association of Environmental and Resource Economists
Agricultural and Applied Economics Association
Urban Economics Association