

STEPHANIE A. BROCKMANN, Ph.D.

Peter T. Paul College of Business and Economics
University of New Hampshire
10 Garrison Avenue
Durham, NH 03824

stephanie.brockmann@unh.edu

Jan. 2024

ACADEMIC POSITIONS

University of New Hampshire Assistant Professor of Economics	Durham, NH 2019 – Present
University of Wyoming Instructor and Teaching/Research Assistant	Laramie, WY 2014 – 2019
Baker University Instructor of Economics	Baldwin City, KS 2013 – 2014

EDUCATION

University of Wyoming Ph.D., Economics	Laramie, WY May 2019
Western Kentucky University M.A., Applied Economics	Bowling Green, KY May 2011
Baker University B.S., Business, <i>magna cum laude</i>	Baldwin City, KS May 2010

RESEARCH FIELDS

Environmental, Natural Resource, Trade and Development, Spatial, Public Policy, and Agricultural Economics

PEER REVIEWED PUBLICATIONS

Brockmann S, Finnoff, D., Mason D.M., Rutherford E.S., and Zhang H. (2024). Consequences of ecological aggregation in general equilibrium analysis of perturbed ecosystems. *Ecological Economics*, 218, 108083.

Brockmann S, Finnoff, D., Boucher, N., Mason D.M., Rutherford E.S., and Zhang H. (2023). Valuing bioeconomic impacts of regulation on nutrient loads mediated by invasive mussels in Lake Michigan. *Journal of Environmental Management*, 347, 119044.

Brockmann S, Zhang H, Mason DM and Rutherford ES (2021). Space and Species Interactions in Welfare Estimates for Invasive Species Policy. *Front. Ecol. Evol.* 9:703935. doi: 10.3389/fevo.2021.703935

Albers, H., **Brockmann, S.**, & Ávalos-Sartorio, B. (2020). Assessing policies to mitigate abandonment of shade-grown coffee production in forest systems amid low and uncertain prices. *Environment and Development Economics*, 1-26.

PAPERS UNDER REVEIW

Waiting for the Weekend – The Adoption and Proliferation of Weekend Feeding (“BackPack”) Programs in Schools (**R&R**)

Author(s): Mica Kurtz, Stephanie Brockmann, Karen Smith Conway, and Robert D. Mohr

WORKING PAPERS

Valuing biodiversity to agroecosystems through farmer production decisions

Author(s): Stephanie Brockmann, Katherine Lee, and Jennifer Rushlow

Economic Evaluation of Landscaping for Wildlife Habitat

Author(s): Justine Nwanakwere, Stephanie Brockmann, Ju-Chin Huang, and Kelly Giraud

Optimal site surveillance for invasive species in the Great Lakes Basin

Author(s): David Finnoff, Travis Warziniack, Stephanie Brockmann, and William Chadderton

Getting environmental services from green production certification: dynamic contracts and competing certification agencies

Author(s): Stephanie Brockmann and Jo Albers

Integrating Spatial Decision-Making and Geographic Information Systems to Assess Welfare Impacts from Invasive Species

Author(s): Stephanie Brockmann and David Finnoff

The Relationship Between Land Productivity and Structural Change in Developing Economies

Author(s): Stephanie Brockmann

A Hedonic Analysis of the Impact of PFAS Contamination on House Prices: The Case of Private Wells in New Hampshire

Author(s): Scott Lemos, Stephanie Brockmann, Catherine Taylor, John Halstead

GRANTS AND FUNDING

Awarded

Principal Investigator. 2023 – 2026. “Assessing Welfare of Nutrient Targets and Alternate Policies on Lake Erie’s Ecosystem and Economy” *Great Lakes Fishery Commission*. With David Finnoff, Edward Rutherford, Doran Mason, Hongyan Zhang, Lou Cornicelli, and Rob Southwick. \$295,841.

Principal Investigator. 2022 – 2023. “A Hedonic Analysis of the Impact of PFAS Contamination on New Hampshire Municipal Water Supplies on House Prices” *New Hampshire Water Resources Research Center (NH WRRRC), USGS Water Resources Research Act Program*. With John Halstead and Scott Lemos. \$24,211

Principal Investigator. 2022 – 2023. “Mitigating pest infestations in small-scale production systems: the value of natural pest predators and protecting their habitat.” *Responsible Governance and Sustainable Citizenship Program, College of Liberal Arts and the University of New Hampshire Sustainability Institute*.

Principal Investigator. 2022 – 2023. *Project also funded through Summer Research Support, Paul College University of New Hampshire*. Combined \$5,500.

Investigator. 2016 – 2019. “Forecasting biological and economic impacts of aquatic invasive species in Lake Michigan” *Great Lakes Fishery Trust, Proposal #2015.1546*. With David Finnoff, Edward Rutherford, and Hongyan Zhang. \$246,819.

Pending

Investigator, Senior Personnel. Projected for 2024 – 2029. “NSF Engineering Research Center for Infrastructure for Sustainable Offshore Aquaculture (iSOA)” *National Science Foundation (NSF)*. With researchers across University of New Hampshire (UNH), University of Maine (UMaine), University of Hawaii at Manoa (UHM), and Massachusetts Institute of Technology (MIT). Requested \$5,050,000.

Investigator, Senior Personnel. Projected for 2024 – 2027. “Equitable NATURE-based Climate Solutions (ENACTS)” *National Science Foundation (NSF)*. With researchers across University of New Hampshire (UNH), Antioch University New England (AUNE), the University of Rhode Island (URI), and Rhode Island School of Design (RISD). Requested \$4,000,000.

TEACHING FIELDS

Environmental Economics, Natural Resource Economics, Microeconomics, Macroeconomics, Development Economics, Game Theory, Economics of Social Issues, Economics in the Media

TEACHING

University of New Hampshire

Professor, Intermediate Microeconomic Analysis with Calculus
Professor, Intermediate Microeconomic Analysis
Professor, Microeconomics II (Graduate Level)

Durham, NH
 Spring 2020 - Present
 Spring 2020 - Present
 Fall 2019 - Present

University of Wyoming

Instructor, Environmental Economics
Instructor, Principles of Microeconomics
Guest Lecturer, Environmental Economics for Non-Majors
Teaching Assistant, Global Economic Issues
Teaching Assistant, Principles of Macroeconomics

Laramie, WY
 Spring 2018
 Fall 2017
 Fall 2016
 Spring 2015
 Fall 2014

Baker University	Baldwin City, KS
<i>Instructor, Principles of Microeconomics</i>	2013 – 2014
<i>Instructor, Principles of Macroeconomics</i>	2013 – 2014
<i>Instructor, Managerial Economics</i>	Spring 2014
<i>Instructor, Applied Game Theory</i>	Spring 2014
<i>Instructor, Economics in the Media</i>	J-Term 2014
<i>Instructor, Economics of Social Issues</i>	Fall 2013
<i>Co-Instructor, First-Year Experience</i>	Fall 2009

PRESENTATIONS, INVITED TALKS, AND CONTRIBUTIONS

“A Hedonic Analysis of the Impact of PFAS Contamination on House Prices: The Case of Private Wells in New Hampshire”

Western Economic Association International Conference San Diego, CA, 2023
Northeastern Agricultural and Resource Economics Association Conference Annapolis, MD, 2023

“Assessing Nutrient Load Regulations Amid Simultaneous Ecological Stressors using Bioeconomic Models”

Invited Speaker, Luleå University of Technology Luleå, SE, 2023

“Valuing biodiversity to agroecosystems through farmer production decisions”

Western Agricultural and Economics Association Meetings Whistler, BC, 2023
Presenter, Midwest Economic Association Meetings Cleveland, OH, 2023
Presenter, UK Network of Environmental Economists, EnvEcon London, UK, 2023
Invited Seminar, The Tropical Agricultural Research and Higher Education Center & Environment for Development Initiative (EFD) Turrialba, CR, 2023
Presenter, Eastern Economic Association Meetings New York, NY, 2023

“Waiting for the Weekend – The Adoption and Proliferation of Weekend Feeding (“BackPack”) Programs in Schools”

Midwest Economic Association Meetings Cleveland, OH, 2023
Eastern Economic Association Meetings Jamaica, 2022
Southern Economic Association Meetings Virtual, 2021

“Keeping the Cup Full: Addressing Barriers to Sustainable Coffee Production in Less Developed Economies”

Invited Speaker, Illinois Wesleyan University Virtual, 2023
Invited Speaker, Lycoming College Williamsport, PA, 2022

“Valuing impacts of regulations on nonpoint source nutrient loading in Lake Michigan given the presence of *Dreissena* Mussels”

Presenter, Eastern Economic Association Meetings Jamaica, 2022
Invited Seminar, University of Illinois at Urbana-Champaign Virtual, 2021

“Land Use and the Value of Biological Pest Control in Small-Scale Coffee Production Systems”

Southern Economic Association Meetings Virtual, 2021

“Spatial Bioeconomics of Migratory Species with Development Location Decisions”

Invited Discussant, Biodiversity and Economics for Conservation (BIOECON) Jackson Hole, WY, 2021

“Getting environmental services from green production certification: dynamic contracts and competing certification agencies”

Presenter, Eastern Economic Association Meetings

Virtual, 2021

“Integrating Spatial Decision-Making into Assessments of Welfare using Geographic Information Systems”

Presenter, Association of Environmental and Resource Economists (AERE) Summer Conference

Virtual, 2020

“Integrating Spatial Decision-Making and Geographic Information Systems to Assess Welfare Impacts from Invasive Species”

Invited Speaker, The Tropical Agricultural Research and Higher Education Center and Environment for Development Initiative (EfD)

Turrialba, CR, 2018

“Consequences of Space and Species Aggregation in Welfare Estimates of Invasive Species”

Presenter, World Congress of Environmental and Resource Economists

Gothenburg, SE, 2018

Presenter, Colorado State and Wyoming Graduate Student Symposium

Fort Collins, CO, 2018

Presenter, American Economic Association Meetings, Omicron Delta Epsilon Graduate Student Session

Philadelphia, PA, 2018

AWARDS AND DISTINCTIONS

University of New Hampshire

Graduate Faculty Teaching Award

2023

Sustainability Champion

2022

University of Wyoming

Carlton R. Barkhurst Fellowship

2019

University-wide award; 8 selected recipients

Promoting Intellectual Engagement Award (PIE)

2018

University-wide teaching award; undergraduate student nominated; 267 nominations in 2018, 35 selected recipients

Best Graduate Student Teaching Award

2018

Departmental teaching award

Shelby Gerking Graduate Award in Economics

2018

Best economics graduate student

William E. Morgan Graduate Student Award

2017

Best graduate student

AAEA Post-Conference Workshop Travel Award

2015

Federal Deposit Insurance Corporation

FDIC STAR Award (*Special thanks and recognition for research and work*)

2011, 2012

Western Kentucky University

Gordon Ford College of Business: Outstanding Achievement for a Graduate Student

2011

Student Government Association Study Away Scholarship

2011

Baker University

Fran Jabara Leadership Award

2010

*Awarded to one female and one male student out of the college of business***RELATED PROFESSIONAL EXPERIENCE**

Trilogy Analytical Laboratory

Statistical Program Developer

Washington, MO

Summer 2015

Federal Deposit Insurance Corporation (FDIC)

Economic Research Assistant

Call Report Analyst

Kansas City, MO; Washington D.C.

2011 – 2013

2013

CODING LANGUAGES

MATLAB

Proficient

R

Proficient

GAMS

Proficient

STATA

Novice/Proficient

QGIS

Novice

REFEREEING

Northeastern Agricultural and Resource Economics Association (*Conf. Papers*)

2024

United State Department of Agriculture (*Hatch Projects*)

2023

Swiss National Science Foundation (*SNSF*)

2022

Association of Environmental and Resource Economists (*Conf. Abstracts*)

2022 - Present

Environment and Resource Economics

2020 - Present

Western Agricultural Economic Association (*Conf. Abstracts*)

2020

Ecological Economics

2018 - Present

ADVISING

Ph.D.Farzaneh Sabbaghziarani (*Chair*)

Current

Iris Tryfoni (*Co-Chair*)

Current

Justine Nwanakwere (*Chair*)

Current

Ziba Karjoo (*Committee Member*)

Grad. Yr. 2023

Andrew Whitaker (*Co-Chair*)

Grad. Yr. 2022

Linghui Wu (*Committee Member*)

Grad. Yr. 2020

M.A.Catherine Taylor (*Committee Member*)

Current

Khashayar Ghorbani Vagheei Nefouti (*Committee Member*)

Grad. Yr. 2020

Undergraduate

Liam Morrissey

Spring 2020 – Spring 2022

James (Hoppy) Randazzo (*Honors Instructor*)

Fall 2021

Timothy Campbell (*Honors Instructor*)
Camden Leno (*Faculty Sponsor*)

Fall 2020
Fall 2020

SERVICE AND MEMBERSHIP

University of New Hampshire

Sustainability Awards Selection Committee – University	AY 2022
Undergraduate Programs Committee – Departmental	AY 2021 – Present
Ph.D. Environmental Field Exam Committee	AY 2019 – Present
Ph.D. Microeconomic Theory Comprehensive Exam Committee	AY 2019 – Present
Economics Department Faculty Secretary	AY 2019 – AY 2020
Economics Graduate Admissions and Financial Aid Committee	AY 2019 – AY 2020

University of Wyoming

Wyoming Women in Economics Network (WWEN) - Chair	2018
Graduate Student Group Coordinator	2016 – 2017
Undergraduate Advisor for Senior Capstone Paper	2017
LOGOS After School Assistant, Kindergarten and 1 st Grade	2017 – 2018

Baker University

Women’s Leadership Committee	2013 – 2014
Alpha Chi Omega, University Chapter Advisor	2013
Omicron Delta Epsilon, President	2009 – 2010
ParMentor	2009 – 2010
Delta Mu Delta	2009

Professional Membership

AEA, AERE, EEA, MEA, CSWEP, UKNEE