

Hermine Vedogbeton

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EDUCATION

Ph.D. in Economics	2021
Clark University, Worcester, MA Dissertation: Three Essays in Environmental Values and Externalities	
M.A. in Economics	2016
Clark University, Worcester, MA	
M.A. in International Development, Community, and Environment	2013
Clark University, Worcester, MA	
B.A. in Finance	2010
CESAG, Dakar, Senegal	
Certificate in College Teaching	2019
Higher Education Consortium Central Massachusetts	

RESEARCH INTERESTS

Social and Environmental Justice, Ecosystem Services, Marginalized Student Engagement and Success, Inclusive Energy Efficiency, Workforce Development, Participatory Research

ACADEMIC POSITION & APPOINTMENT

Visiting Assistant Professor	2023 -
Economics and Accounting Department, College of the Holy Cross	
Research Assistant Professor	2022-2023
Social Science and Policy Studies Department, Worcester Polytechnic Institute	
Postdoctoral Fellow	2021-2022
Social Science and Policy Studies Department, Worcester Polytechnic Institute	
Instructor	2020-2021
Social Science and Policy Studies Department, Worcester Polytechnic Institute	

ACADEMIC AFFILIATION

Research Affiliate, Social Science and Policy Studies Department, WPI	2023 -
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TEACHING EXPERIENCE

College of the Holy Cross, Worcester, MA

Statistics: 2024
Principles of Economics: 2023, 2024
Economics of Climate Change, 2023

Worcester Polytechnic Institute, Worcester, MA

Women and the Environment: 2023
Principles of Macroeconomics: 2020, 2021, 2022
Environmental Policy and Law: 2020, 2022
International Environmental Issues and Economics (Guest Lecturer): 2019

Clark University, Worcester, MA

Economics and the World Economy - Principles of Macroeconomics: 2020
Introduction to Statistical Analysis: 2020
Economics of Sport -Intermediate Microeconomics Applied to Sport (TA): 2016

PUBLICATIONS

Peer-Reviewed Journal Articles

- Vedogbeton, H. and R.J. Johnston. 2020. Commodity Consistent Meta-Analysis of Wetland Values: An Application for Coastal Marsh Habitat. *Environmental and Resource Economics*, 75(4): 835-865

Books

- Krueger, R and Vedogbeton, H. (2023). *Smart Villages*. De Gruyter.

Published Conference Papers (Peer-Reviewed)

- Vedogbeton H., Brown C, Somasse G, Krueger R, Smith A. Improving the Experiences and Retention of Black Students in STEM Education. ASEE, June 2023

PUBLISHED DATASET

Vedogbeton, H. and R. Johnston. 2020. Coastal SEES Collaborative Research: Non-Market Value Meta-Data on Willingness to Pay for Coastal Marsh Habitat Change ver 2. Environmental Data Initiative <https://doi.org/10.6073/pasta/0f574bf189dfc1b3a3a6d37368094e54>

WORKING PAPERS

- Understanding the Experiences of Black Students at WPI-and How to Improve Them
- When Should Meta-Analysis be Used for Benefit Transfer? Predicting Reliability Across Heterogeneous Policy Sites
- Desert Dust and Child Health Outcomes: Evidence from Benin

WORK IN PROGRESS

Do “No Record” Courses Help Achieve Academic Success for Underrepresented Minority Students?

GRANTS, FELLOWSHIPS, AND AWARDS

- National Science Foundation: “S-STEM Path to Achieving Success and Sense of Belonging in Computer Science (PASS-CS)”, Award No 2322665 2024-2029 (PI) \$2,500,000
- MassCEC Equity Workforce Planning: “Planning Workforce Development in Electrifying Building Energy Systems” 2024-2025 (Co-PI) \$50,000
- Worcester Polytechnic Institute Diversity, Equity, Inclusion & Belonging Seed Grant: “Black Student Success Program”, 2022-2023 (PI) \$ 4,000
- Worcester Polytechnic Institute Project Based Learning Fellow (WPI), 2022
- Worcester Polytechnic Institute Building Community and Reducing Attrition Through the Development of a Mentoring Program for WPI Graduate Students from Underrepresented Groups, 2022 (Co-PI) \$ 4,000
- Understanding the Experience of Black Students, 2022-2025 (Co-PI) \$370,000
- DePaul University PEER Chicago Fellow, 2022
- Northeastern University stEm PEER Academy Fellow, 2022-2024
- Worcester Polytechnic Institute Women’s Young Investigator Fellowship, 2021-2022
- Research Fellow, Pan-African Scientific Research Council, 2021-Present
- Graduate Student Fellowship Program, A Community on Ecosystem Services, December 2020
- Clark University Department of Economics Summer Research Awards, 2015-2020
- Clark University Department of Economics Scholarship, 2015-2021

ADVISING EXPERIENCE

Insight Advisor

2022

Advising new students in their academic and social transitions to WPI

Co-advisor, Worcester Polytechnic Institute, Worcester, MA

2021-2022

Field project advising - Ghana Project Center

CERTIFICATION

- *Diversity and Inclusion Certificate*, Clark University, Worcester, MA 2021
- *Certificate in Teaching in Different Modalities*, Clark University, Worcester, MA 2020
- *Certificate in College Teaching*, [Higher Education Consortium of Central Massachusetts](#), Worcester, MA 2019

INVITED AND CONFERENCE PRESENTATIONS

- Do Non-Recorded Grades Help Achieve Academic Success for URM? Seminars series, June 2023, Department of Economics and Accounting, College of the Holy Cross
- Improving the Experiences and Retention of Black Students in STEM Education. ASEE, June 2023
- Do Non-Recorded Grades Help Achieve Academic Success for URM? Monthly Seminars series, April 2023, Department of Economics and the School of Public Policy, University of Maryland, Baltimore County
- Improving the Experiences of Black Students in Teamwork, AAC&U, Arlington, VA, November 2022
- Connecting Mentor Partners for Academic Success in STEM, NSF S-STEM Symposium, DC, October 2022
- Desert Dust and Child Health Outcomes: Evidence from Benin. Eastern Economic Association Conference, Jamaica, May 2022
- Desert Dust and Child Health Outcomes: Evidence from Benin. Northeast Agricultural and Resource Economics Association, Virtual, June 2021
- When Should Meta-Analysis be Used for Benefit Transfer? Predicting Reliability Across Heterogeneous Policy Sites. A Community on Ecosystem Services, Virtual, December 2020
- Desert Dust and Child Health Outcomes: Evidence from West Africa. Northeast Agricultural and Resource Economics Association Scholars' Circle on Environment, Virtual, December 2020
- Commodity Consistent Meta-Analysis of Wetland Values: An Application for Coastal Marsh Habitat. Northeast Agricultural and Resource Economics Association Scholars' Circle on Land and Forest, Virtual, December 2020
- Commodity Consistent Meta-Analysis of Wetland Values: An Application for Coastal Marsh Habitat. European Association of Environmental and Resource Economists, Virtual, June 2020
- When Should Meta-Analysis be Used for Benefit Transfer? Predicting Reliability Across Heterogeneous Policy Sites. Northeast Agricultural and Resource Economics Association, Virtual, June 2020
- Commodity Consistent Meta-Analysis of Wetland Values: An Application for Coastal Marsh Habitat. Northeast Agricultural and Resource Economics Association, Portsmouth, NH June 2019
- Willingness to Pay for Salt Marsh Habitat Services: Commodity Consistent Meta-Analysis and Benefit Function Transfer. Eastern Economic Association Conference, New York, NY, March 2019
- Commodity Consistent Meta-Analysis of Wetland Values: An Application for Coastal Marsh Habitat. A Community on Ecosystem Services, Washington, DC, December 2018

OTHER CONFERENCE PARTICIPATION

- Eastern Economic Association, Discussant, February 2023
- PKAL Regional Network Meeting Equity, Diversity, and Inclusion in STEM, February 2022
- Southern Economic Association Annual Meeting, Virtual, November 2020
- Association of Environmental and Resource Economists, Virtual, June 2020
- American Economic Association, Philadelphia, PA, January 2018
- American Economic Association, Boston, MA, January 2015

LEADERSHIP AND SERVICE

- Member, Diversity Equity and Inclusion Committee, Northeast Agricultural and Resource Economics Association, 2022-Present
- Mentor, Leadership Delta PEARL, WPI, Worcester, MA, 2022
- Reviewer for Local environment, 2021-2022
- Grant and Fundraising Coordinator, Association On Est Ensemble (AOEE), Rockville, MD, 2021-Present
- Auditor, Association On Est Ensemble (AOEE), MD, July 2021
- Educator, St Peters, Worcester, MA, 2018-2020
- Grant Writer, Worcester Roots Project, Worcester, MA, 2013-2014

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- American Association of Colleges and Universities (AAC&U)
- Northeast Agricultural and Resource Economics Association (NAREA) Scholars' Circles
- European Association of Environmental and Resource Economists (EAERE)
- Association of Environmental and Resource Economists (AERE)
- Northeast Agricultural and Resource Economics Association (NAREA)

SOFTWARE

Stata, SPSS, GeoDa, ArcGIS, TerrSet

LEARNING MANAGEMENT

Moodle, Canvas, Blackboard, Google Sites and Docs, classroom various multi-media tools

LANGUAGES

English and French