

## **Hermine Vedogbeton**

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### **EDUCATION**

<b>Ph.D. in Economics</b>	<b>2021</b>
Clark University, Worcester, MA	
<b>M.A. in Economics</b>	<b>2016</b>
Clark University, Worcester, MA	
<b>M.A. in International Development, Community, and Environment</b>	<b>2013</b>
Clark University, Worcester, MA	
<b>B.A. in Finance</b>	<b>2010</b>
CESAG, Dakar, Senegal	
<b>Certificate in College Teaching</b>	<b>2019</b>
Higher Education Consortium of Central Massachusetts	

### **FIELDS**

Environmental Economics, Applied Microeconomics

### **RESEARCH INTERESTS**

Ecosystem Services, Environmental Issues, Student Engagement and Success, Participatory Research

### **ACADEMIC POSITION & APPOINTMENT**

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

### **TEACHING EXPERIENCE**

#### **College of the Holy Cross, Worcester, MA**

Statistics: Spring 2024, Fall 2024

Principles of Economics: Fall 2023, Spring 2024, Fall 2024, Spring 2025

Economics of Climate Change, Fall 2023, Spring 2025

#### **Worcester Polytechnic Institute, Worcester, MA**

Women and the Environment: Summer 2023

Principles of Macroeconomics: Fall 2020, Fall 2021, Fall 2022

Environmental Policy and Law: Spring 2020, Spring 2022

International Environmental Issues and Economics (Guest Lecturer): 2019

#### **Clark University, Worcester, MA**

Economics and the World Economy – Introductory Macroeconomics: Spring 2020

Introduction to Statistical Analysis: Fall 2020

Economics of Sport -Intermediate Microeconomics Applied to Sport (TA): Spring 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 & Book Chapters*

- Krueger, R and Vedogbeton, H. Fofana, M. & Soboyejo, W. (2023). *Smart Villages*. De Gruyter.
- Aborajedeh, N., Hauman, J., Freglette, A., Leonard, S., Bennet, J., Boye, H., Nephew, B., Vedogbeton, H., Fofana, M. & Krueger, R. (2024). Researching health impact disparities among women at the Agbogbloshie e-waste <https://doi.org/10.1515/9783110757507-003>

### *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
- Vedogbeton H. Academic Preparedness and Performance: A Study of First-Year Students in Mathematics, Physics, and Computing Courses. ASEE, June 2025

## **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**

- Do “No Record” Course Grades Affect the Academic Success of Black Students?
- 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**

Mobile Money and Financial Inclusion: Saving Behavior in African Countries (with Claudia Chilundo)

## **GRANTS, FELLOWSHIPS, AND AWARDS**

- J.D. Power Center Research Associates Program, Spring 2024
- EDUCATE Workshop Fellow, AEA Conference on Teaching and Research in Economic Education (CTREE), May 2024
- 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**

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| <b>Insight Advisor, Worcester Polytechnic Institute, Worcester, MA</b> | <b>2022</b>      |
| Academic and social transitions advising                               |                  |
| <b>Co-advisor, Worcester Polytechnic Institute, Worcester, MA</b>      | <b>2021-2022</b> |
| Field project advising - Ghana Project Center                          |                  |

### **CERTIFICATION**

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| • <i>Diversity and Inclusion Certificate</i> , Clark University, Worcester, MA  | <b>2021</b> |
| • <i>Certificate in Teaching in Different Modalities</i> , Clark University, Worcester, MA                                      | <b>2020</b> |
| • <i>Certificate in College Teaching</i> , <a href="#">Higher Education Consortium of Central Massachusetts</a> , Worcester, MA | <b>2019</b> |

### **INVITED AND CONFERENCE PRESENTATIONS**

- Engaging Students in Real-World Production and Cost Analysis, AEA Conference on Teaching and Research in Economic Education (CTREE), Denver, May 2025
- Mobile Money and Financial Inclusion: Saving Behavior in African Countries, Eastern Economic Association Conference, New York, February 2025
- Bridging Theory and Practice: Engaging Students in Real-World Production and Cost Analysis, 22<sup>nd</sup> Annual St. Louis FED Professors Conference, Active Learning in the Classroom, November 2024
- Faculty Conversations with Honors Students, College Honors Program and Colloquium, College of the Holy Cross, February 2024
- Do Non-Recorded Grades Help Achieve Academic Success for URM? Seminars series, Department of Economics and Accounting, College of the Holy Cross, June 2023
- Transforming Teaming: Designing for More Equitable and Effective Teamwork. (Workshop) Project Based Learning Institute, WPI, June 2023
- 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
- 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**

- Reviewer ASEE, 2023
- Member, Diversity Equity and Inclusion Committee, Northeast Agricultural and Resource Economics Association, 2022-Present
- Reviewer ASEE, 2023
- 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)
- Eastern Economic Association (EEA)
- American Economic Association, (AEA)

### **SOFTWARE**

Stata, SPSS, GeoDa, ArcGIS, TerrSet

### **LEARNING MANAGEMENT**

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

### **LANGUAGES**

English and French