

# Morgan Bowler

(413) 636-8426 | [bowlermorgan9@gmail.com](mailto:bowlermorgan9@gmail.com)

## EDUCATION

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### University of Massachusetts Amherst

M.S. Sustainability Science

Amherst, MA

September 2023

### University of Massachusetts Amherst

B.S. Natural Resources Conservation

Amherst, MA

May 2021

## WORK EXPERIENCE

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### Massachusetts Department of Energy Resources

Boston, MA

Clean Energy and Sustainability Coordinator

Jan. 2024 - Present

Student Intern

June 2023 – Jan. 2024

- Conduct market research on electric vehicles (EVs), analyzing current market trends, pricing, and available models, culminating in a presentation of possible EVs of interest to applicable parties.
- Manage the invoicing of the Massachusetts Offers Rebates for Electric Vehicles program and communicate with constituents who may have questions regarding the MOR-EV program.
- Aid in the development of an integrated solar grant program and a decarbonization grant program for public entities.
- Perform in-depth research on the social cost of carbon and its relevance to state projects, evaluating potential environmental and economic implications through projected scenarios.
- Research the federal tax credits offered through the Inflation Reduction Act and how they are applicable to state entities.

### Family Forest Research Center

Amherst, MA

Intern

June 2020 – May 2021

Research Associate

May 2021 – Sept. 2022

Graduate Assistant

Sept. 2022 – May 2023

- Managed and assisted undergraduate employees in their daily tasks.
- Analyzed how socioeconomic variables can influence enrollment rates of landowners in forest assistance programs, and created an academic paper based on findings.
- Critically analyzed how current literature from the National Woodland Owner Survey is being used and where it is being used and created an academic paper based on findings.
- Engaged with foresters and loggers on their values and knowledge surrounding their profession, specifically on the issue of invasive species like the Emerald Ash Borer.
- Implemented a national survey, prepared questions for various scientific modules of the survey, and analyzed the responses from the survey respondents.

### UMass Clean Energy Extension Program

Amherst, MA

Clean Energy Intern

Sept. 2020 - July 2021

- Collected, managed, and analyzed data on the greenhouse gas emissions of the client through the use of tables, charts, and graphs in Excel.
- Collaborated with client and project leads on a weekly basis to discuss the client's end goals, the necessary data for our analysis.
- Presented findings to client and the board in a professional manner.
- Developed a report outlining the clients greenhouse gas emissions as well as recommended mitigation strategies in layman terms.

**Skills:** Experienced in ArcGIS, QGIS, and RStudio, proficient in Word and PowerPoint, and adept at GHG inventories.

**Volunteer Experience:** Full of Grace Farm (Feb. 2020 to August 2021) and Dakin Animal Shelter (Jan. 2016 to August 2017).