

# Charles Blain Morin

1276 Frebis Ave. Columbus, OH 43206  
📞 781-771-7408 · ✉ morin.42@osu.edu  
🏠 <https://blainmorin.github.io/> · 📺 blainmorin

## EDUCATION

### The Ohio State University

Ph.D. in Public Policy and Management (In Progress)

Columbus, OH

Aug 2019 – Present

### Brown University

Master's of Science in Biostatistics

Thesis Topic: Outcome Reporting Bias in Meta-Analysis

Providence, RI

Aug 2017 – May 2019

### The Ohio State University

Bachelor's of Science in Economics

Columbus, OH

Jan 2015 – May 2016

### Columbus State Community College

Associate's of Arts

Columbus, OH

May 2013 – Aug 2015

## RESEARCH INTERESTS

Economic Resilience | Energy Policy | Environmental Policy | Statistics and Econometrics  
Focuses include:

- The relationship between land conservation and regional economic resilience.
- The cost-effectiveness of economic resilience actions by firms after a natural disaster.
- The pass-through savings for consumers after energy deregulation.
- Management factors that affect the distribution of resilience outcomes.

## ACADEMIC APPOINTMENTS

### John Glenn College of Public Affairs

#### Graduate Research Assistant

Columbus, OH

Aug 2019 – Current

- With Dr. Chris Rea: Implemented a Bayesian dynamic latent variable model which aims to measure the capacity of federal agencies
- With Dr. Noah Dormady: Consulted on the statistical analysis of economic resilience survey data, assisted with the technology transition of the statistical approaches, and implemented a learning algorithm for data gathering and analysis software

#### Graduate Teaching Assistant

Jan 2020 – Current

- PUBAFRS 6070: Public Affairs Statistics (Master's Level), PUBAFRS 6080: Program Evaluation (Master's Level)

### Brown University

#### Teaching Assistant

Providence, RI

Jan 2019 – May 2019

- PHP 2511: Applied Regression Analysis (Master's Level)

### The Ohio State University Dept. of Economics

#### Teaching Assistant

Columbus, OH

Jan 2016 – May 2016

- ECON 4001.01: Intermediate Microeconomics (Undergraduate Level)

## PUBLICATIONS, WORKING PAPERS

1. N. Dormady, M. Pesavento, and **C. B. Morin**, "Who pays for natural gas deregulation?," In Progress.
2. N. Dormady, A. Rose, and **C. B. Morin**, "Book chapter: Advances in the empirical estimation of disaster resilience," In Progress.
3. N. Dormady, A. Rose, A. Roa-Henriquez, and **C. B. Morin**, "The cost-effectiveness of economic resilience," Under Review.
4. **C. B. Morin**, "The effect of greenspace investment on community resilience," In Progress.
5. **C. B. Morin**, N. Dormady, and A. Rose, "Empirical estimation of economic resilience to infrastructure disruptions," In Progress.
6. C. Rea and **C. B. Morin**, "Capacity and autonomy of environmental agencies," In Progress.

CONFERENCE PRESENTATIONS, INVITED TALKS	<ol style="list-style-type: none"> <li>1. Empirical Estimation of Economic Resilience to Infrastructure Disruptions, <i>The Association for Public Policy Analysis and Management (APPAM)</i>, Austin, TX Nov 2021.</li> <li>2. Technology Transition: The Business Resilience Calculator, <i>U.S. Department of Homeland Security Centers of Excellence Summit's Student Poster Competition</i>, Virtual, May 2020.</li> <li>3. The Cost-Effectiveness of Economic Resilience, <i>The North American Regional Science Council (NARSC)</i>, Virtual, Nov 2020.</li> <li>4. The Cost-Effectiveness of Economic Resilience, <i>The Association for Public Policy Analysis and Management (APPAM)</i>, Denver, Colorado, Nov 2019.</li> <li>5. Guest Lecturer, <i>Measuring Resilience to Disasters for Planning (CRPLAN 6425)</i>, Columbus, OH Dec 2019.</li> <li>6. Assessing Outcome Reporting Bias in a Systematic Review of Venous Thromboembolism Prophylaxis, <i>Public Health Research Day</i>, Providence, RI Apr 2019.</li> </ol>	
GRANTS, AWARDS	<ul style="list-style-type: none"> <li>• ENGIE-Axium Incentive Recruitment Scholarship Award (\$5,000), The Ohio State University 2019</li> <li>• Glenn-College Doctoral Student Travel Funds (\$750) 2019</li> <li>• Brown University Biostatistics Departmental Scholarship recipient 2017, 2018</li> <li>• Dean's List, The Ohio State University 2015, 2016</li> </ul>	
FUNDED PROJECTS	<p>Department of Homeland Security (DHS). 2020-2021. Technology Transition: Business Resilience Calculator. \$129K. (PIs: Rose, A., Dormady, N.) (RA: <b>Morin, C. B.</b>).</p> <p>Department of Homeland Security (DHS). 2020. Technology Transition: Business Resilience Calculator Covid-19 Supplement. \$40K. (PIs: Rose, A., Dormady, N.) (RA: <b>Morin, C. B.</b>).</p> <p>Department of Homeland Security (DHS). 2019. Technology Transition: Business Resilience Calculator. \$207K. (PIs: Rose, A., Dormady, N.) (RA: <b>Morin, C. B.</b>).</p>	
PROFESSIONAL EXPERIENCE	<p><b>Rhode Island Department of Health</b>  <i>Water Quality Program Intern</i></p> <p>• Developed predictive models for bacteria levels in beach water  • Evaluated beach closure policies</p> <p><b>Columbus State Community College</b>  <i>Testing Assistant</i></p> <p>• Administered and proctored exams</p>	<p>Providence, RI  Jan 2018 – May 2018</p> <p>Columbus, OH  Oct 2016 – Jul 2017</p>
SKILLS	<p><b>Statistical Programming:</b> R (Advanced), Stata (Intermediate), Python (Beginner)</p> <p><b>Other Programming:</b> SQL, <math>\text{\LaTeX}</math></p> <p><b>Data Visualization:</b> RShiny, RShiny Dashboards</p> <p><b>Webscraping:</b> RCurl, rvest, xml2</p>	
SOFTWARE	<p><a href="#"><u>Business Resilience Calculator</u></a> (under commercialization with US DHS): Decision support software to enhance cost-effective resilience planning and response efforts by government and private sectors.</p>	
SERVICE	<p><b>Glenn College's Doctor Student Organization</b>  <i>Event Chair</i></p> <p><b>Glenn College's Technology Committee</b>  <i>Student Representative</i></p>	<p>Columbus, OH  Aug 2020 – May 2021</p> <p>Columbus, OH  Aug 2020 – May 2021</p>