Charles Blain Morin

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EDUCATION	**The Ohio State University**	Columbus, OH
	Ph.D. in Public Policy and Management (In Progress)	*Aug 2019 – Present*
	Brown University	Providence, RI
	Master's of Science in Biostatistics	*Aug 2017 – May 2019*
	Thesis Topic: Outcome Reporting Bias in Meta-Analysis	
	The Ohio State University	Columbus, OH
	Bachelor's of Science in Economics	*Jan 2015 – May 2016*
	Columbus State Community College	Columbus, OH
	Associate's of Arts	*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 Columbus, OH
Graduate Research Assistant *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 Providence, RI
Teaching Assistant *Jan 2019 – May 2019*

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

The Ohio State University Dept. of Economics Columbus, OH
Teaching Assistant *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	1. Empirical Estimation of Economic Resilience to Infrastructure Disruptions, *The Association for Public Policy Analysis and Management (APPAM)*, Austin, TX Nov 2021.
	2. Technology Transition: The Business Resilience Calculator, *U.S. Department of Homeland Security Centers of Excellence Summit's Student Poster Competition*, Virtual, May 2020.
	3. The Cost-Effectiveness of Economic Resilience, *The North American Regional Science Council (NARSC)*, Virtual, Nov 2020.
	4. The Cost-Effectiveness of Economic Resilience, *The Association for Public Policy Analysis and Management (APPAM)*, Denver, Colorado, Nov 2019.
	5. Guest Lecturer, *Measuring Resilience to Disasters for Planning (CRPLAN 6425)*, Columbus, OH Dec 2019.
	6. Assessing Outcome Reporting Bias in a Systematic Review of Venous Thromboembolism Prophylaxis, *Public Health Research Day*, Providence, RI Apr 2019.

GRANTS, AWARDS

- ENGIE-Axium Incentive Recruitment Scholarship Award ($5,000), The Ohio State University — *2019*
- Glenn-College Doctoral Student Travel Funds ($750) — *2019*
- Brown University Biostatistics Departmental Scholarship recipient — *2017, 2018*
- Dean's List, The Ohio State University — *2015, 2016*

FUNDED PROJECTS

Department of Homeland Security (DHS). 2020-2021. Technology Transition: Business Resilience Calculator. $129K. (PIs: Rose, A., Dormady, N.) (RA: **Morin, C. B.**).

Department of Homeland Security (DHS). 2020. Technology Transition: Business Resilience Calculator Covid-19 Supplement. $40K. (PIs: Rose, A., Dormady, N.) (RA: **Morin, C. B.**).

Department of Homeland Security (DHS). 2019. Technology Transition: Business Resilience Calculator. $207K. (PIs: Rose, A., Dormady, N.) (RA: **Morin, C. B.**).

PROFESSIONAL EXPERIENCE

Rhode Island Department of Health	Providence, RI
Water Quality Program Intern	*Jan 2018 – May 2018*

- Developed predictive models for bacteria levels in beach water
- Evaluated beach closure policies

Columbus State Community College	Columbus, OH
Testing Assistant	*Oct 2016 – Jul 2017*

- Administered and proctored exams

SKILLS

Statistical Programming: R (Advanced), Stata (Intermediate), Python (Beginner)

Other Programming: SQL, LaTeX

Data Visualization: RShiny, RShiny Dashboards

Webscraping: RCurl, rvest, xml2

SOFTWARE

[Business Resilience Calculator](#) (under commercialization with US DHS): Decision support software to enhance cost-effective resilience planning and response efforts by government and private sectors.

SERVICE

Glenn College's Doctor Student Organization	Columbus, OH
Event Chair	*Aug 2020 – May 2021*

Glenn College's Technology Committee	Columbus, OH
Student Representative	*Aug 2020 – May 2021*