

RUSHAINÉ DEMAR GOULBOURNE

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EDUCATION

PhD.Economics, University of Alabama (UA), Tuscaloosa, AL	2016-2021
MA.Economics, University of Alabama (UA), Tuscaloosa, AL	2016-2018
MSc.Economics(Distinction), The University of the West Indies (UWI), Mona, Jamaica	2013-2015
BSc.Economics & Statistics(First Class Honors) , UWI, Mona, Jamaica	2010-2013

RESEARCH INTERESTS

Housing Policy, Urban Economics, Labor Economics, Climate Policy, Risk Management

SELECTED PUBLICATIONS

- Goulbourne, R., Ferreira Neto, A. B., & Ross, A. (2024). “Do businesses ‘vote with their feet’ too? Examining firm mobility in response to hurricane risk.” *Annals of Regional Science*, Volume 73, pages 945–978.
- Goulbourne, R., Pearson, C., & Schuetz, J. (2022). Getting the most out of American Rescue Plan housing funds requires local governments to plan ahead.
- Goulbourne, R., & Schuetz, J. (2021). Housing growth in the Atlanta, Chicago, and Washington, D.C. metro areas shows why the U.S. is failing at climate resilience.
- Working Papers
 - The Labor Market Impact of Hurricanes: Evidence from Florida Counties
 - The Effects of Recurrent Hurricanes on growth in Small Island Developing States (SIDS)

PROFESSIONAL EXPERIENCE

Quantitative Analytics Senior, Freddie Mac McLean, VA, Jun 2022–Present

- Query large databases to analyze portfolio performance.
- Optimized queries for recurring reports, reducing report processing time by 50%.
- Combined various public data sources with portfolio to produce statistical analysis for reporting.
- Independently identified data sources to enhance risk exposure analysis.
- Combined portfolio with public data and created an interactive tool to view disaster damage using Google satellite imagery.
- Validated climate risk results across multiple vendor climate risk models to understand different views of portfolio risk exposure.

Research Associate (Post-Doc), Brookings Institution Washington, DC, Aug 2021–May 2022

- Evaluated housing and climate resilience policies, co-authoring reports on government spending and housing development.
- Utilized R and QGIS to produce statistical and geospatial analyses for policy recommendations.

Research Fellow, “Know Violence in Childhood” Initiative Jamaica, Nov 2015- Apr 2016

- Conducted research to evaluate the impacts of violence on neonatal outcomes.

Research Intern, Eastern Caribbean Central Bank St. Kitts & Nevis, Jul-Aug 2014

- Conducted macroeconomic research using STATA, analyzing the impact of economic diversification on GDP growth in the Eastern Caribbean Currency Union.

TECHNICAL SKILLS

- **Programming & Tools:** SAS, Snowflake SQL ([Certification](#)), R, Python, STATA, Tableau, QGIS, LaTeX
- **Expertise:** Quantitative modeling, Economic Research, Climate risk analysis, Large-scale database querying, Geospatial analysis, Portfolio risk assessment.
- **Techniques:** Statistical modeling, Data visualization, Regular expressions, Optimization of queries

SELECTED PRESENTATIONS

- Federal Housing Finance Agency Climate Risk Presentation, Freddie Mac, March 2023
- American Economic Association Annual Meeting, New Orleans, LA, January 2023
- Hurricane Ecosystem Response Synthesis Network (HERS) Webinar, November 2022
- Southern Economics Association Conference, Fort Lauderdale, FL, November 2019

HONORS AND AWARDS

Association of Environmental and Resource Economists (AERE) 2022 Scholar	2022-2023
Graduate Student Teaching Award, (UA)	Spring 2021
Graduate Teaching Fellow, (UA)	Fall 2020
Panelist, Caribbean Economic Forum, Central Bank of Barbados (virtual)	June 2020
Culverhouse College of Business Graduate Student Ambassador, (UA)	2019-2021
Southern Economics Association Graduate Student Award. Fort Lauderdale, USA	2019

REFERENCES

Amanda Ross (Chair), Associate Professor, University of Alabama

Email: aross@cba.ua.edu

Laura Razzolini, Department Head, University of Alabama

Email: lrazzolini@culverhouse.ua.edu

Jenny Schuetz, VP of Housing, Arnold Ventures

Email: jennyschuetz@gmail.com