

## Education

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George Mason University, Fairfax, VA  
Ph.D. Economics – Ph.D. Candidate  
Conferred August 2024  
GPA: 3.57

George Mason University, Fairfax, VA  
M.A. Economics  
Conferred December 2018

Radford University, Radford, VA  
B.S. International Economics  
Conferred May 2017

## Dissertation:

“Essays on the Market for Residential Solar: Lessons from Legislation and Policies in California”

## Publications:

“Exploring Terrorism, Counter Terrorism and Their Unintended Consequences” (with Thomas Duncan and Daniel Farhat) *Virginia Economic Journal* 2021

“An Agent-Based Model of Ethnocentrism and the Unintended Consequences of Violence” (with Thomas Duncan and Daniel Farhat) *Eastern Economic Journal* March 2020

## Working Papers:

“When Life Gives You Lemons: Asymmetric Information and Externalities in Food Markets” (with Greg Astill)

“The Efficacy of Groups: Towards an Agent-Based Model of Comparative Economic Systems”

“The Impact of Standardizing Permitting Processes on Residential Solar”

## Selected Courses and Research:

Computational Microeconomics (Agent-Based Double Auction Markets in Python), Public Choice I, Institutions, Industrial Organization I and II, Economic Research with GIS

**Fields:**

Industrial Organization, Institutions and Development, and Public Choice

**Conference Presentations**

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“Carbon Non-Neutrality: Changes in Energy Sources and the Effects on Infant Health”

- Public Choice Society, Nashville, TN, March 2022

“Local Permitting Processes and Their Effects on Residential Solar”

- Public Choice Society, Nashville, TN, March 2022

“Societal Actions as Outcomes of an Endogenous System: Economic Theory and Policy: Autonomous or Caused?”

- Virginia Association of Economists, Richmond, VA, April 2019

“Blown Away: Bombs, Networks, and Ethnocentrism”

- Virginia Association of Economists, Richmond, VA, March 2017
- Radford University Student Research Program, Radford, VA, April 2017

**Professional Training and Skills**

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PepsiCo Quality University

- Microbiology I & II
- Source Water Filtration Methods
- Advanced Water Filtration

Bloomberg Markets, Certification

Statistical Learning in R, *Stanford University*, Certification

Python

Stata

**Academic Extracurricular**

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The Center for the Study of Public Choice Wednesday Seminar Series

Philosophy and Political Economy Lecture Series

**Research Funding:**

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Graduate Research Fellowship, *Institute for Humane Studies*, 2019

Graduate Teaching Assistantship, *George Mason University*, 2019-2022

**Employment**

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*Potomac Economics*, Fairfax, VA, September 2022-June 2024

Associate – Capacity Market Design and Energy Market Monitoring

*George Mason University*, Department of Economics, Fairfax, VA, August 2019-May 2022

Primary Lecturer: Environmental Economics

Managerial Economics and Strategy  
Intermediate Macroeconomics  
Public Choice

Teaching assistant: Introductory Microeconomics, Introductory Macroeconomics

*USDA Economic Research Service*, Washington, DC, June 2019-August 2019  
Pathways Internship Program  
Research Assistant

*Sodexo*, Fairfax, VA, July 2018-May 2019  
Shift Lead

*PepsiCo*, Wytheville, VA September 2009- August 2017  
Quality Control- Process Technician (April 2014-August 2017)  
Quality Control- Batching Technician (September 2009 - April 2014)