

Research summary

I view myself as an **applied economist** with interest in the field of **environmental economics** and a particular focus on **climate change policy**. Methodologically, I make use of **econometric/machine learning methods and data science tools** to conduct empirical analysis. I also use computational methods to solve **integrated assessment models (IAM) of climate change** as well as theoretical economic models, such as **dynamic contracts**.

Current Position

2021 — **Lecturer in Data Analytics**
present School of Business, SUNY Geneseo

Education

2016 — **Ph.D. in Economics**, University of Wyoming
2021 Supervisors: Chuck Mason¹ and Thorsten Janus²
Dissertaion: Essays in Political Economy of Climate Change

2014 — **M.Sc. in Economics**, Arizona State University
2015

2012 — **M.A. in Economics**, SUNY Stony Brook
2014

2006 — **B.Sc. in Applied Mathematics**, Hanyang University at Ansan, South Korea
2012

2006 — **B.A. in Economics**, Hanyang University at Ansan, South Korea
2012

Research

Working papers

Social Media Campaigns, Lobbying and Legislation: Evidence from
#climatechange/#globalwarming and Energy Lobbies

Climate Finance under Conflicts and Renegotiations: A Dynamic Contract Approach

Work in progress

Hiding Behind a Small Cake' in an Online Dictator Game: The Way You Hide Matters!,
(with Tabare Capitan (1st author) , Jason Shogren, and Benjamin White)

Teaching

	Instructor, Data Visualization and Presentation³
2022	SUNY Geneseo Taught for data visualization and reproducible paper writing on the web.
	Instructor, Advanced Data Analytics
	SUNY Geneseo
2021	Taught for machine learning methods (classification, regularized regression, random forest, clustering, association rules) using business and economics applications
	Instructor, Introduction to Data Analytics
2021 — present	SUNY Geneseo Taught for basics in machine learning methods using business and economics applications
	Instructor, Data Preparation and Management
2021 — present	SUNY Geneseo Taught the tidyverse R package, Python Selenium, Web API, and Google Clouds

Professional activities

Presentations

2021	Online Seminar , Department of Environmental and Business Economics, University of Southern Denmark
2019	University of Wyoming & Colorado State University Economics Graduate Student Symposium , Laramie, Wyoming
2019	American Economic Association Annual Meeting (poster session) ,, Atlanta, Georgia
2018	The 29th International Conference on Game Theory , Stony Brook, New York

Memberships

2018 — present	Association of Environmental and Resource Economists
2017 —	

present	American Economic Association
2017 —	
2019	Econometric Society

Honors & Awards

2019	H. A. True Chair in Petroleum and Economics Scholarship , University of Wyoming
2019	John S. Bugas Economics Scholarship , University of Wyoming
2018	Ralph d'Arge Scholarship in Natural Resource Economics and Finance , University of Wyoming
2018	McMurry Excellence Fund , University of Wyoming
2018	Joseph C. and Katherine A. Drew Scholarship , University of Wyoming
2012	Highest Grade Point Average in Economics Class of 2012 , Hanyang University at Ansan, South Korea
2010	University Tutor of the Excellent Tutoring Team , Hanyang University at Ansan, South Korea
2006	Merit-based Scholarships , Hanyang University at Ansan, South Korea

Grants and funding

2020	Summer Augmentation Scholarship for Ph.D. Dissertation Research , University of Wyoming Conducted online due to the corona pandemic
2018 — 2019	Graduate Student Conference Travel Funding , University of Wyoming

Service

2021 — present	Data Analytics Curriculum Meetings School of Business, SUNY Geneseo
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Miscellaneous

Computing Skills	Python, R, Stata, MATLAB, Git, LaTeX, Rmarkdown
Language	English, Korean (native)

Non-Academic Experience

2007 — **Completion of Military Obligation**
2009 Republic of Korea Army, South Korea
Attained the Rank of Sergeant

1. <http://www.uwyo.edu/economics/faculty-staff/charles-mason/>↗
2. <http://www.uwyo.edu/economics/faculty-staff/thorsten-janus/>↗
3. <https://bcdanl.github.io/>↗