

# Byeong-Hak Choe

School of Business  
South Hall 227B  
Geneseo, NY 14454 USA

Phone: +1 (307) 223-6483  
Email: [bchoe@geneseo.edu](mailto:bchoe@geneseo.edu)  
Website: <https://bcecon.github.io>

## APPOINTMENT

09/01/2023–present Assistant Professor of Data Analytics and Economics, School of Business, SUNY Geneseo.  
09/01/2021–08/31/2022 Lecturer in Data Analytics, School of Business, SUNY Geneseo.

## EDUCATION

Degree	Field	Institution	Year
Ph.D.	Economics	University of Wyoming	2021
M.Sc.	Economics	Arizona State University	2015
M.A.	Economics	SUNY Stony Brook	2014
B.Sc., B.A. ( <i>Summa cum laude</i> )	Applied Mathematics & Economics	Hanyang University at Ansan (in South Korea)	2012

## FIELDS OF INTEREST

Primary Fields Environmental Economics.  
Secondary Fields Public Economics, Applied Economics.  
Research Methods Causal Inference, Machine Learning, Economic Theory.

## RESEARCH

Working papers

1. *Social Media Campaigns, Lobbying and Legislation: Evidence from #climatechange and Energy Lobbies.*
2. *Climate Finance under Conflicts and Renegotiations: A Dynamic Contract Approach.*

## Work in progress

1. *Estimating the Value of Statistical Life through Big Data* (with Alexander James and Stephen Newbold).
2. *'Hiding Behind a Small Cake' in an Online Dictator Game: The Way You Hide Matters!*, (with Tabaré Capitan (1<sup>st</sup> author) , Jason Shogren, and Benjamin White).

## Book Chapters

1. *Governance and Climate Finance in the Developing World*, (with Tilsa Oré-Mónago).  
- In Wu, F., Zhang, D., and Ji, Q. (Eds.), *Climate Finance: Supporting a Sustainable Energy Transition*, Chapter 7, Springer Nature (July, 2024).

## RELEVANT POSITIONS

2017–2021                      Research Assistant to Prof. Charles Mason, University of Wyoming.

## TEACHING

### Instructor - Economics

F24	ECON 341: Natural Resource Economics, SUNY Geneseo.
F23	ECON 340: Environmental Economics, SUNY Geneseo.
Su19	ECON 3010: Intermediate Macroeconomics, University of Wyoming (Online Asynchronous).

### Instructor - Data Analytics

S25, S24, S23 F22, S22, F21	DANL 210: Data Preparation and Management, SUNY Geneseo.
S25, S24, F23 S23, S22	DANL 310: Data Visualization and Presentation, SUNY Geneseo.
S25	DANL 320: Big Data Analytics, SUNY Geneseo.
F24	DANL 101: Introduction to Data Analytics, SUNY Geneseo.
S24, S23, S22	DANL 499: Data Analytics Capstone, SUNY Geneseo.
S24	DANL Microcredential Module 1: Data Preparation and Management, SUNY Geneseo (Online Synchronous).
S24, F23, S23, F22, S22, F21	DANL 200: Introduction to Data Analytics, SUNY Geneseo.
F22	DANL 100: Programming for Data Analytics, SUNY Geneseo.
F21	DANL 300: Advanced Data Analytics, SUNY Geneseo.

## Teaching Assistant

S20, S19	ECON 4430: Energy Economics, University of Wyoming.
S18, S17	ECON 3010: Intermediate Macroeconomics, University of Wyoming.
S17	ECON 1300: Oil: Business, Culture, and Power, University of Wyoming.
F16	ECON 3020: Intermediate Microeconomics, University of Wyoming.
F15	ECN 312: Intermediate Microeconomic Theory, Arizona State University.
S11	BUS 3059: Theory of Investment, Hanyang University at Ansan.

## Grading Assistant

F15	ECN 312: Intermediate Microeconomic Theory, Arizona State University.
S11	BUS 3002: Financial Management, Hanyang University at Ansan.

## University Tutor

F19	EconHelp, Department of Economics, University of Wyoming.
F10	ECO 2018: Introduction to Statistics, Hanyang University at Ansan.
F09	ECO 1002: Mathematics for Economists, Hanyang University at Ansan.

**PROFESSIONAL ACTIVITIES**

## Presentations

Mar 2025	Midwest Economic Association 89 <sup>th</sup> Annual Conference, Kansas City, Missouri.
Feb 2025	Eastern Economic Association 51 <sup>st</sup> Annual Conference, New York City, New York.
Oct 2024	Online Economic Seminar, University of Hawaii at Manoa.
Jul 2024	Western Economic Association International 99 <sup>th</sup> Annual Conference, Seattle, Washington.
Nov 2023	Southern Economic Association 93 <sup>rd</sup> Annual Meeting (Accepted & Scheduled), New Orleans, Louisiana.
Jul 2023	Seminar, College of Business & Economics, Hanyang University at Ansan, South Korea.
Jun 2022	Interdisciplinary Data Science Workshop, Brigham Young University, Provo, Utah.
Jun 2021	Online Seminar, Department of Environmental and Business Economics, University of Southern Denmark.
Apr 2019	University of Wyoming & Colorado State University Economics Graduate Student Symposium, Laramie, Wyoming.
Jan 2019	American Economic Association Annual Meeting (poster session), Atlanta, Georgia.
Jul 2018	The 29 <sup>th</sup> International Conference on Game Theory, Stony Brook, New York.

**Memberships**

2018–present	Association of Environmental and Resource Economists.
2017–present	American Economic Association.
2025–present	Midwest Economic Association.
2025–present	Eastern Economic Association.
2023–present	Western Economic Association International.
2022–2024	Southern Economic Association.
2017–2019	Econometric Society.

**Services**

2021–present	Data Analytics Curriculum Meetings, School of Business, SUNY Geneseo.
2023, 2022	Advising the SUNY Geneseo Team, Honorable Mention, Business Analytics Competition, Manhattan College.

**HONORS, SCHOLARSHIPS & AWARDS**

2020	Summer Augmentation Scholarship for Ph.D. Dissertation Research, University of Wyoming.
2019	H. A. True Chair in Petroleum and Economics Scholarship, University of Wyoming.
2019	John S. Bugas Economics Scholarship, University of Wyoming.
2019, 2018	Graduate Student Conference Travel Funding, 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 GPA in Economics Class of 2012, Hanyang University at Ansan.
2009, 2010	University Tutor of the Excellent Tutoring Team, Hanyang University at Ansan.
2009–2011, 2006	Merit-based Scholarships, Hanyang University at Ansan.

**MISCELLANEOUS**

Computing Skills	R, Python, Stata, MATLAB, Git, $\text{\LaTeX}$ , Quarto.
Languages	English, Korean (native).
Citizenship	South Korea.

**NON-ACADEMIC EXPERIENCE**

2007–2009	Completion of Military Obligation, Attained the Rank of Sergeant, Republic of Korea Army, South Korea.
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## REFERENCES

Professor Charles Mason  
Department of Economics  
University of Wyoming  
[bambuzlr@uwyo.edu](mailto:bambuzlr@uwyo.edu)

Assoc. Prof. Stephen Newbold  
Department of Economics  
University of Wyoming  
[snewbold@uwyo.edu](mailto:snewbold@uwyo.edu)

Assoc. Prof. Thorsten Janus  
Department of Economics  
University of Wyoming  
[tjanus@uwyo.edu](mailto:tjanus@uwyo.edu)

Professor Jason Shogren  
Department of Economics  
University of Wyoming  
[jramses@uwyo.edu](mailto:jramses@uwyo.edu)

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