

## Byeong-Hak Choe

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### APPOINTMENT

Sep 2023–present     Assistant Professor of Data Analytics and Economics, School of Business, SUNY Geneseo.  
Sep 2021–Aug 2023     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, Climate Change.  
Secondary Fields     Energy Economics, Applied Economics.  
Research Methods     Causal Inference, Machine Learning, Text Analysis, 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.*
3. *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 (Forthcoming, 2024).

## Work in progress

1. *'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).

## RELEVANT POSITIONS

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

## TEACHING

### Instructor - Economics

Fall 2024	ECON 341: Natural Resource Economics, SUNY Geneseo.
Fall 2023	ECON 340: Environmental Economics, SUNY Geneseo.
Summer 2019	ECON 3010: Intermediate Macroeconomics, University of Wyoming (Online Asynchronous).

### Instructor - Data Analytics

Fall 2024	DANL 340: Social Media Data Analytics, SUNY Geneseo.
Fall 2024	DANL 330: Database Systems and SQL, SUNY Geneseo.
Spring 2024	DANL Microcredential Module 1: Data Preparation and Management, SUNY Geneseo (Online Synchronous).
Spring 2024, Spring 2023	DANL 399: Data Analytics Capstone, SUNY Geneseo.
Spring 2024, Fall 2023	DANL 310: Data Visualization and Presentation, SUNY Geneseo.
Spring 2023, Spring 2022	
Spring 2024, Spring 2023	DANL 210: Data Preparation and Management, SUNY Geneseo.
Fall 2022, Spring 2022	
Fall 2021	
Spring 2024, Fall 2023	DANL 200: Introduction to Data Analytics, SUNY Geneseo.
Spring 2023, Fall 2022	
Spring 2022, Fall 2021	
Fall 2022	DANL 100: Programming for Data Analytics, SUNY Geneseo.
Fall 2021	DANL 300: Advanced Data Analytics, SUNY Geneseo.

### Teaching Assistant

Spring 2020, Spring 2019	ECON 4430: Energy Economics, University of Wyoming.
Spring 2018, Spring 2017	ECON 3010: Intermediate Macroeconomics, University of Wyoming.
Spring 2017	ECON 1300: Oil: Business, Culture, and Power, University of Wyoming.
Fall 2016	ECON 3020: Intermediate Microeconomics, University of Wyoming.
Fall 2015	ECN 312: Intermediate Microeconomic Theory, Arizona State University.
Spring 2011	BUS 3059: Theory of Investment, Hanyang University at Ansan.

**Grading Assistant**

Fall 2015	ECN 312: Intermediate Microeconomic Theory, Arizona State University.
Spring 2011	BUS 3002: Financial Management, Hanyang University at Ansan.

**University Tutor**

Fall 2019	EconHelp, Department of Economics, University of Wyoming.
Fall 2010	ECO 2018: Introduction to Statistics, Hanyang University at Ansan.
Fall 2009	ECO 1002: Mathematics for Economists, Hanyang University at Ansan.

**PROFESSIONAL ACTIVITIES****Presentations**

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**

2023–present	Western Economic Association International.
2022–present	Southern Economic Association.
2018–present	Association of Environmental and Resource Economists.
2017–present	American 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, RMarkdown.
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 <a href="mailto:bambuzlr@uwyo.edu">bambuzlr@uwyo.edu</a>	Assoc. Prof. Thorsten Janus Department of Economics University of Wyoming <a href="mailto:tjanus@uwyo.edu">tjanus@uwyo.edu</a>
Assoc. Prof. Stephen Newbold Department of Economics University of Wyoming <a href="mailto:snewbold@uwyo.edu">snewbold@uwyo.edu</a>	Professor Jason Shogren Department of Economics University of Wyoming <a href="mailto:jramses@uwyo.edu">jramses@uwyo.edu</a>