

Byeong-Hak Choe

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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 Stephen Newbold).

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

F25, F23	ECON 340: Environmental Economics, SUNY Geneseo.
F24	ECON 341: Natural Resource Economics, SUNY Geneseo.
Su19	ECON 3010: Intermediate Macroeconomics, University of Wyoming (Online Asynchronous).

Instructor - Data Analytics

F25, S25, S24, S23	DANL 210: Data Preparation and Management, SUNY Geneseo.
F22, S22, F21	
F25, F24	DANL 101: Introduction to Data Analytics, SUNY Geneseo.
F25	HONR 393: The Capstone Experience (Data Analytics), SUNY Geneseo.
S25, S24, F23	DANL 310: Data Visualization and Presentation, SUNY Geneseo.
S23, S22	
S25	DANL 320: Big 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,	DANL 200: Introduction to Data Analytics, SUNY Geneseo.
F22, S22, F21	
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 89th Annual Conference, Kansas City, Missouri.
 Feb 2025 Eastern Economic Association 51st Annual Conference, New York City, New York.
 Oct 2024 Online Economic Seminar, University of Hawaii at Manoa.
 Jul 2024 Western Economic Association International 99th Annual Conference, Seattle, Washington.
 Nov 2023 Southern Economic Association 93rd 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 29th 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.
 2023–2024 Western Economic Association International.
 2022–2024 Southern Economic Association.
 2017–2019 Econometric Society.

Referee Services

2025 *Climate Policy.*

University 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, L^AT_EX, 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.

REFERENCES

Professor Charles Mason
Department of Economics
University of Wyoming
bambuzlr@uwyo.edu

Assoc. Prof. Stephen Newbold
Department of Economics
University of Wyoming
snewbold@uwyo.edu

Assoc. Prof. Thorsten Janus
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tjanus@uwyo.edu

Professor Jason Shogren
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jramses@uwyo.edu

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