

Min-kyeong (Min) Cha

Department of Geography and Environment
London School of Economics and Political Science
(+44) 7402 231506

✉ chaminkyong@gmail.com
🌐 homepage
🌐 linkedin

ACCADEMIC APPOINTMENT

London School of Economics and Political Science
LSE Newcleo Fellow in Energy Economics and Policy

London, U.K.
Sep. 2025 -

EDUCATION

Georgia Institute of Technology
Ph.D. Public Policy, Major: Energy and Environmental Policy

Atlanta, GA, U.S.A.
Aug. 2020 - Aug. 2025

Georgia Institute of Technology
M.S. Statistics

Atlanta, GA, U.S.A.
Aug. 2022 - Dec. 2024

Seoul National University
M.S.E. Technology Management, Economics, and Policy (TEMPEP)

Seoul, South Korea
Mar. 2017 - Feb. 2019

Pohang University of Science and Technology (POSTECH)
B.S. Chemical Engineering (Summa Cum Laude)

Pohang, South Korea
Mar. 2012 - Feb. 2017

University of Waterloo
Exchange student program (Chemical Engineering major)

Waterloo, ON, Canada
Fall 2014

RESEARCH INTERESTS

Policy adoption and diffusion, Clean energy transition, Electricity Market, Energy consumption behavior, Innovation in energy technology

PUBLICATIONS

- [7] Struthers, C., **Cha, M.K.**, & Brown, M. (2025). Knowledge is power? Information, partisan cleavages, and support for energy infrastructure. *Energy Research & Social Science*, 123, 103976.
- [6] **Cha, M.K.**, Struthers, C., Brown, M., Kale, S. & Chapman, O. (2024). Toward residential decarbonization: Analyzing social-psychological drivers of household co-adoption of rooftop solar, electric vehicles, and efficient HVAC systems in Georgia, U.S. *Renewable Energy*, 226, 120382.
- [5] An, B. Y., M. Butz, A., **Cha, M. K.**, & Mitchell, J. L. (2023). Following neighbors or regional leaders? Unpacking the effect of geographic proximity in local climate policy diffusion. *Policy Sciences*, 56(4), 825-868.
- [4] Brown, M. A., Kale, S., **Cha, M. K.**, & Chapman, O. (2023). Exploring the willingness of consumers to electrify their homes. *Applied Energy*, 338, 120791.
- [3] Brown, M. A., Hubbs, J., Gu, V. X., & **Cha, M. K.** (2021). Rooftop solar for all: Closing the gap between the technically possible and the achievable. *Energy Research & Social Science*, 80, 102203.
- [2] Park, H., **Cha, M.K.**, & Lee, H. (2020). Cross-National Comparative Study on the Innovation Efficiency of the Biopharmaceutical Industry. *The Korean Journal of Health Economics and Policy*, 26, no.2, 25-57.
- [1] Dalton, T. & **Cha, M.K.** (Feb 23rd, 2016). South Korea's Nuclear Energy Future. *The Diplomat*.

WORKS IN PROGRESS

Dissertation Chapters

Solar electricity without solar panels: changes in consumption behavior due to community solar programs (Revised and Resubmitted to *Energy Economics*. Lead Author, with Matisoff, D.)

When prices soar: Natural gas demand and fuel switching under extreme market conditions (with Brewer, D. and Wichman, C.)

Wired for solar without installation: Understanding utility adoption of community solar projects (Lead Author, with Matisoff, D.)

Other Projects (submitted or presented)

Induced innovation revisited: Development of U.S. battery storage technology

Optimizing policy design to maximize the adoption of rooftop solar (with Brown, M.)

The quest for strategies of social control: From state policy documents for autonomous vehicles (with Kingsley, G., Hicks, D., Isett, K., Souweidane, N.)

HONORS & AWARDS

Energy Policy and Innovation Center (EPICenter) Student Affiliate 2025
Georgia Institute of Technology

Brook Byers Institute for Sustainable Systems (BBISS) Graduate Fellow 2023 - 2025
Georgia Institute of Technology

William H. Read Award in Public Policy, Carter School of Public Policy 2024
Georgia Institute of Technology

Berkeley/Sloan Summer School in Environmental and Energy Economics Travel Fellowship 2023
UC Berkeley

2nd Place Poster Presentation Award 2023
Atlanta Conference on Science and Innovation Policy

Wallace O. Keene ASPA Conference Scholarship 2023
American Society for Public Administration (ASPA)

Fulbright Scholarship 2020 - 2022
Fulbright Program

The National Presidential Science Scholarship 2012 - 2016
Korea Student Aid Foundation

CONFERENCES & SUMMER SCHOOL

Conference Presentations

1. Solar electricity without solar panels: changes in consumption behavior due to community solar programs
Association for Public Policy Analysis and Management (APPAM) Annual Conference Nov. 2024
Camp Resources Aug. 2024
Georgia Tech EPICenter Energy Research Talks Apr. 2024

2. When prices soar: Natural gas demand and fuel switching under extreme market conditions
Association of Environmental and Resource Economists (AERE) Summer Conference May 2025
Southeastern Workshop on Energy & Environmental Economics & Policy (SWEEEP) Nov. 2024

3. Let Peers and Market Speak: Understanding Community Solar Adoption Among U.S. Utilities

Public Management Research Conference (PMRC) Jun. 2025

4. Optimizing policy design to maximize the adoption of rooftop solar

Public Management Research Conference (PMRC) Jun. 2024

Association for Public Policy Analysis and Management (APPAM) Annual Conference Nov. 2023

2023 Korea-U.S. Policy Dialogue: Towards Carbon Neutrality Oct. 2023

5. Induced innovation revisited: Development of U.S. battery storage technology

Association of Environmental and Resource Economists (AERE) Summer Conference May 2023

Atlanta Conference on Science and Innovation Policy May 2023

6. The quest for strategies of social control: From state policy documents for autonomous vehicles

Atlanta Conference on Science and Innovation Policy May 2023

American Society for Public Administration (ASPA) Annual Conference Mar. 2023

Summer School

Berkeley/Sloan Summer School in Environmental and Energy Economics Aug. 2023

TEACHING EXPERIENCE

Teaching interest: Data Analysis in Social Science, Introduction to Energy Market & Policy

Teaching Assistant, PUBP/ISYE 6701 Energy Technology and Policy (Spring 2023), Georgia Tech

Teaching Assistant, Patent and Technology Entrepreneurship (Fall 2018), Seoul National University

Teaching Assistant, Management for Engineers (Spring 2018), Seoul National University

OTHER RESEARCH & PROFESSIONAL EXPERIENCE

Climate and Energy Policy Laboratory (CEPL)*Graduate Research Assistant* May 2021 – Aug. 2023

Atlanta, GA, U.S.A

Biotech Policy Research Center*External Reporter for BioInglobal (website)* Jun. 2019 – Jul. 2020

Daejeon, South Korea

Organisation for Economic Cooperation and Development (OECD)*Intern & Consultant* Jan. 2019 – Jul. 2019

Paris, France

Seoul National University*Graduate Research Assistant* Aug. 2017 – Dec. 2018

Seoul, South Korea

SMART Laboratory, POSTECH*Undergraduate Researcher* Mar. 2016 – Dec. 2016

Pohang, South Korea

Carnegie Endowment for International Peace (CEIP)*Intern at Nuclear Policy Program and Asia Program* Aug. 2015 – Dec. 2015

Washington D.C., U.S.A

Presidential Advisory Council on Science & Technology*Representative of high school students in Korea* Jul. 2011

Seoul, South Korea

SKILLS & ABILITIES

Languages: English (fluent), Korean (native), French (DEL F B1), Japanese (intermediate)**Computer Skills:** R, Stata, Python, GAMS**LEADERSHIP**

Public Policy Graduate Student Association PhD representative (Spring 2022), Georgia Tech

Department of Chemical Engineering Student Association Head of Planning (Spring 2014), POSTECH