

POSITIONS AND AFFILIATIONS

The Belfer Center, Harvard Kennedy School

Environment and Natural Resources Program	Predoc Research Fellow
Science, Technology, and Public Policy Program	Sep. 2021 – Present

University of Wisconsin – Madison

Department of Political Science	PhD. Student
Nelson Institute for Environmental Studies	Sep. 2018 – Present

The Brookings Institution

Research Analyst, Nov. 2017 – Aug. 2018
Senior Research Assistant, Nov. 2016 – Nov. 2017
Research Assistant, Aug. 2015 – Nov. 2016
Research Intern, Jan. 2015 – June. 2015

EDUCATION

University of Wisconsin – Madison

Ph.D., Comparative Politics, Department of Political Science
Ph.D., Environment and Resources, Nelson Institute for Env Stu., Sep. 2018 – Present
MIPA., International Public Affairs (with Energy Analysis and Policy Certificate), 2014
B.A., Sociology (with Concentration on Analysis and Research Program), 2013

PEER REVIEWED ARTICLES & REPORTS

“Unraveling the Political Economy of Coal: Insights from the United States.”
Book chapter, *Political Determinants of Energy and Climate Policy*, **Routledge Press**, forthcoming 2021, with Gregory Nemet

“Investigation of a coupling coordination degree model between low-carbon development and air quality in China.” *Advances in Climate Change Research* (2021) (with T. Liu, Q. Song and Y.Qi)

“Evidence map: topics, trends, and policy in the Energy Transitions literature.” *Environmental Research Letters* 15.12 (2020): 123003. (with Gregory Nemet)

“Knowledge spillovers between PV installers can reduce the cost of installing solar PV.” *Energy Policy* 144 (2020): 111600. (with G. Nemet, V. Rai, and R. Rao)

“The Policy-Driven Peak and Reduction of China’s Carbon Emissions.” *Advances in Climate Change Research* 11 (2020): 65-71. (with Qi, Y., N. Stern, D. King, T. Wu, & T. Liu)

“Jurisdictional Air Pollution Regulation in China: A Tragedy of the Regulatory Anti-commons.” *Journal of Cleaner Production* 212 (2019): 1054-1061. (with

Shihong Guo)

"The China Wind Paradox: The Role of State-Owned Enterprises in Wind Power Investment versus Wind Curtailment." *Energy Policy* 127 (2019): 200-212. (with Zhu, M., Qi, Y. & Kerremans, B.)

"Wind Curtailment in China: A Mismatch Between New Technology and Old Electricity System." *Brookings Press* (2017). (with Qi, Y., & Zhu, M.)

"China's Post-Coal Growth." *Nature Geoscience* 9, no. 8 (2016): 564-566. (with Qi, Y., N. Stern, T. Wu, & F. Green.)

"The Effects of Expert Selection, Elicitation Design, and R&D Assumptions on Experts' Estimates of the Future Costs of Photovoltaics." *Energy Policy* 80 (2015): 233-243. (with Verdolini, E., Anadon, L. D., & Nemet, G. F)

OTHER RESEARCH & PUBLICATIONS

"U.S. Gas to China: Positive Energy for Bilateral Relations." *Brookings Op-ed*. 2018. (with Qi, Y.)

"China's Coal Consumption Has Peaked." *China Daily Op-ed*. 2017. (with Qi, Y.)

"The End of Coal-Fired Growth in China." *Brookings Op-ed*. 2016. (with Qi, Y.)

"Expanding Solar in Wisconsin: A Review of Policy Alternatives." EAP Capstone Paper No. 2014-01, 2014. Renew Wisconsin. (with Kaldunski, B., and J. Medina)

"Renewable Energy-Based Microgrids in Wisconsin: A Cost-Benefit Analysis." Working Paper. 2013. Wisconsin Energy Institute. (with Brandt, T., B. Kaldunski, M. Meckel, and Y. Su)

"State-Based Childhood Obesity Prevention." 2013. National Champion of Policy Solutions Challenge USA. (with Eadie, S., M. Palmer, N. J. Simon, and A. Walsh)

AWARD AND SCHOLARSHIP

Belfer Center Research Fellowship, Harvard Kennedy School	2021- 2022
Holtz Center Award, UW-Madison	2019- 2020
Summer Initiative Funding, Dep. of Political Science, UW-Madison	2019- 2020
Political Science Departmental Grant, UW-Madison	2019- 2020
Detering-Gurfield Family Scholarship	2019- 2020
Department of Political Science Graduate Fellowship	2019, 2020
Nelson Institute Graduate Research Fellowship	2018- 2019
Lafollette School Graduate Research Fellowship	2013- 2014
National Champion of Policy Solutions Challenge USA	Mar. 2013

CONFERENCE PRESENTATIONS

- Graduate Forum of Global Alliance of Universities on Climate (panel commentator), Nov 15. 2020, Tsinghua University, Webinar, Beijing, China
- The Political Economy of Coal in the U.S., Oct 26 - 28. 2020, Webinar, Berlin, Germany.
- The Political Economy of Coal in the U.S., Sep 14. 2020, American Politics Workshop, Madison, WI, USA.
- The Political Economy of Coal in the U.S., Jun 27. 2020, Webinar, Berlin, Germany.
- Political Determinants of Energy and Climate Policy, Sep 10. 2019. Berlin, Germany.
- Harvard-Tsinghua Workshop on Subnational Climate Change Policy in China, Jul 18 – 19. 2019, Beijing, China.
- IPCC Learning on Climate Solutions International Workshop, Oct 15 – 17. 2018, Mercator Research Institute on Global Commons and Climate Change, Berlin, Germany
- Renewable Energy Curtailment and Energy Governance in China, Jun. 2017, Tsinghua University, Beijing, China
- China's Post Coal Growth, Nov. 2016, Tsinghua University, Beijing, China

SELECTED RESEARCH IN PROGRESS

- "Cultivating Climate: U.S.-China relations and the making of the Paris Agreement."
- "Logic of Political Connection." preparing with Shihong Guo
- "Global Trend in Energy Decarbonization." preparing with Ye Qi, Nicholas Stern, Tong Wu and Tianle Liu

PROFESSIONAL EXPERIENCE

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| The Brookings Institution | January 2015– June 2018 |
| World Resource Institute | Washington, D.C. |
| Research Intern | May 2015 – July 2015 |
| Climate Institute | Washington, D.C. |
| Researcher | September – December 2014 |

SKILLS AND LANGUAGES

Computer: R, STATA, LaTeX, MS Office Applications

Languages: Mandarin (native), Cantonese (native), Japanese (beginner)

RESEARCH INTERESTS

Energy transition, technology and governance, energy policy, energy and climate politics, international climate governance