

Shuang Zhao

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Political Science, Atmospheric Science
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EDUCATION

Indiana University, Bloomington, IN

Joint Ph.D. in Public Policy, July 2015

Prospectus: Private Environmental Practices and Public Policy: The Emerging Role of Supply Chain Management in Business Decision- Making

Committee: Douglas Noonan (Chair), Sanya Carley, Daniel Cole, Michael McGinnis

Major Fields: Environmental Policy, State-level Policy making, Green School Policies, Public Policy Process, International Relations

Master of Public Affairs, August 2008, The University of Texas at Austin

B.A. in Economics, June 2006, Beijing Technology and Business University

APPOINTMENTS

Assistant Professor, The University of Alabama Huntsville, 2015 – present

Joint appointment at Department of Political Science and Atmospheric Science

Affiliated Faculty, Ostrom Workshop, Indiana University Bloomington, 2015 – present

Research Fellow, Center for Organization Research and Design (CORD), Arizona State University, 2015 – present

Adjunct Assistant Professor, the Environmental Health Sciences Department, School of Public Health, the University of Alabama at Birmingham, 2017 - present

PUBLICATIONS

Glasgow, D, **Shuang Zhao**, and Saatvika Rai. (2021). “Rethinking Climate Change Leadership: An Analysis of the Ambitiousness of State GHG Targets.” *Review of Policy Research*. doi: <https://doi.org/10.1111/ropr.12428>

Zhao, S., Shan Zhou. and Douglas Noonan. (2019) ‘Environmental Justice and Green Schools—Assessing Students and Communities’ Access to Green Schools’, *Social Science Quarterly*. doi: 10.1111/ssqu.12715.

Amiri, A. and **Shuang Zhao** (2019) ‘Environmental justice screening tools: Implications for nursing’, *Public Health Nursing*. 36(3), pp. 411–421. doi: 10.1111/phn.12593.

Castner, J., Azita Amiri, Jeannie Rodriguez, Luz Huntington-Moskos, **Shuang Zhao**, and Barbara Polivka (2019) ‘Advancing the symptom science model with environmental health’, *Public Health Nursing*. doi: 10.1111/phn.12641.

Amiri, A. and **Shuang Zhao** (2019) ‘Working with an environmental justice community: Nurse observation, assessment, and intervention’, *Nursing Forum*. John Wiley & Sons, Ltd (10.1111), 54(2), pp. 270–279. doi: 10.1111/nuf.12327.

Kaulfus, A., Alexander, **S., Zhao**, S., O’Keefe, L., Oster, R., and Bartlucci, A.. (2017) ‘The Inherent Challenges of Using Large Data Sets in Healthcare Research: Experiences of an Interdisciplinary Team.’, *Computers, informatics, nursing: CIN*. NIH Public Access, 35(5), pp. 221–225. doi: 10.1097/CIN.0000000000000359.

Glasgow, D and **Shuang Zhao**. (2016). “Has the Clean Air Interstate Rule Fulfilled Its Mission? - A Panel Data Approach to Evaluate the Effectiveness of CAIR.” *Review of Policy Research*. doi:10.1111/ropr.12225.o

Chan. KN and **Shuang Zhao**. (2015). “Punctuated Equilibrium and Contemporary Authoritarianism - Evidence from the Regional Budgets of the People’s Republic of China.” *Policy Studies Journal*. 44(2), 134-155.

MANUSCRIPTS UNDER REVIEW

Smith, C and **Shuang Zhao**. (2020). “Side Effects of State Exemption Policies and Medical Non-Consensus in a COVID-19 World.” *Journal of Public Health Policy*.

WORKING PAPERS

Zhao, S., Shan Zhou, and Douglas Noonan. (2021). “Developing Measurements for EJ Practice and Study.”

Zhou, S., **Shuang Zhao** and Douglas Noonan. (2021). “Why do Schools Go Green? Assessing Policy Impacts on Green School Building Adoption in the United States.”

Rai, S; Derek Glasgow, and **Shuang Zhao**. (2021). “Measuring the Strength of the Impact of Environmental Groups at the State Level.”

Zhao, S., (2021). “A Review of China’s Green Building Policy.”

Zhao, S., (2021). “Stakeholder Activists’ Non-Market Strategy to Motivate Firms to Adopt Green Supply Chain Management?”

Zhao, S., (2021). “Evaluate the Effectiveness of Green Supply Chain Management – Evidence from the United States”

Zhao, S & Norbert Chan (2020). “Informational Mechanisms of Policy Inertia: A Pathway Comparison of the Chinese and US responses to COVID- 19.”

CONFERENCE PRESENTATIONS

Zhao, S., and Anisa Heming “Green School & Social Equity: Understanding effective green school advocacy”, Presented at US Green Building Council (USGBC)’ Equity Summit’s virtual meeting in October 2020.

Zhou,S., **Shuang Zhao** and Douglas Noonan. (2019). “Why do Schools Go Green? Assessing Policy Impacts on Green School Building Adoption in the United States.” Presented at Association for Public Policy Analysis &Management ‘s annual research conference in November 2019.

Zhao., S., Shan Zhou & Douglas S. Noonan. (2018). “Environmental Justice and Green Schools – Assessing Students and Communities’ Access to Green Schools.” Presented at Association for Public Policy Analysis &Management ‘s annual research conference in November 2018.

Derek Glasgow, **Shuang Zhao**, Saatvika Rai. (2017). “Livin’ on a Prayer? Gauging the Effectiveness of State GHG Emission Reduction Policies.” Presented at Southern Political Science Association’s annual research conference in January 2017.

Zhao, S. and Derek, Glasgow. (2016). “Do Regulators Allow Bordering Facilities Emit More Air Pollution? An Empirical Assessment of the Interstate Free Riding Problem.” Presented at Southern Political Science Association’s annual research conference in January 2016.

Zhao, S. and Douglas Noonan. (2015). “Assessing the Equity of Access to Green Buildings: LEED-Certified Schools and Libraries, Their Surrounding Neighborhoods, and Who Owns Them.” Presented at Association for Public Policy Analysis and Management annual research conference in November 2015.

Zhao, S. (2014). Environmental Regulation, Globalization and the Adoption of Green Supply Chain Management. Presented at Western Political Science Association’s annual meeting in Seattle April 17 -19, 2014.

BOOK CHAPTER

Zhao, S. and Scott Kennedy. (2012). China’s Frustrating Pursuit of Market Economy Status: Implications for China and the World in Scott Kennedy and Shuaihua Cheng, eds., *From Rule Takers to Rule Makers: The Growing Role of Chinese in Global Governance*. (Bloomington, Indiana, and Geneva Switzerland: RCCPB & ICTSD, September 2012.)

INVITED TALK

“Green School & Social Equity: Understanding effective green school advocacy”, US Green Building Council (USGBC) Equity Summit. Virtual meeting. Fall, 2020.

“China-US Relations: Opportunities and Challenges,” 6th Annual China Town Hall, organized by National Committee on United States-China Relations and East Asian Studies Center, Indiana University Bloomington. October 29, 2012.

GRANTS FUNDED

- New Faculty Research Award, UAH, 2016.1.10 – 2017.1.10, PI, \$10,000.
- "Raising lead poisoning awareness in Uniontown, Alabama," Sponsored by National Center for Healthy Housing, the Trust for America’s Health, The Pew Charitable Trusts, and the Robert Wood Johnson Foundation. 2017. Private, Co-PI, \$5,000.00.
- “Social Economic Backgrounds and Children’s Immune System Development”, iRepertoire, Inc., 2019, PI, \$ 100,000.
- “Use of Remote Sensing Data to Improve Air Quality Decision Support Systems Used to Protect Public Health.” NASA Earth Science Division, 2019 – 2021, Co-I, \$870,753.

CLASSES TAUGHT

- SPEA K300 Introduction to Statistical Techniques, 2012- 2014, Indiana University Bloomington
- SPEA E162 Environment and People, 2011, 2014-2015, Indiana University Bloomington
- PSC 260 Introduction to International Relations, 2015 -2019, the University of Alabama in Huntsville

- PSC 102 Introduction to American Government, 2016,2017, the University of Alabama in Huntsville
- PSC 635 Research Methods and Program Evaluations, 2015 – 2019, the University of Alabama in Huntsville
- PSC 480/580 Stats for Political Science Major, 2016, 2017, the University of Alabama in Huntsville
- PSC 300 Introduction to Social Statistics, 2018, 2019, 2020, the University of Alabama in Huntsville
- ESS407/ESS507/PSC480/PSC580 Environmental Threat, Decision Making, and Public Policy, 2016 - 2021, the University of Alabama in Huntsville

HONORS & AWARDS

- Ronald Coase Institute Fellowship, 2015
- China Graduate Student Research Award, 2015
- Indiana University Graduate Student Exchange Award, 2015
- East Asian Studies Center Grant, 2013, 2014, 2015
- Indiana University Bloomington Fellowship, 2009 - 2015
- ANU-IU Pan Asia Institute (PAI) Travel Grant, 2012
- LBJ Professional Development Funding, 2007
- William H. Crook fellowship in Global Affairs, the Robert S. Strauss Center for International Security and Law, 2008