

# Jiameng Zheng

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## POSITIONS

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|---|---|
| <b>Louisiana State University</b>                 | 2024-Present  |
| Assistant Professor                               | Department of Agricultural Economics and Agribusiness           |
| <b>University of Illinois at Urbana-Champaign</b> | 2021-2024   |
| Postdoctoral Research Associate                   | Center for Business and Public Policy, Gies College of Business |

## EDUCATION

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|-----------|---|
| 2016-2021 | Ph.D., Public Policy, LBJ School of Public Affairs, University of Texas at Austin |
| 2012-2016 | M.P.S, Public Administration, University of Maryland College Park                 |
| 2008-2012 | B.S., Economics, Wuhan University   |

## RESEARCH INTEREST

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Environmental Economics and Policy, Health Economics, Public Economics

## PUBLICATIONS

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- Matthew D. Lisk\*, Danielle S. Grogan\*, Shan Zuidema\*, Jiameng Zheng\*, Robert Caccese, Darrah Peklak, Karen Fisher-Vanden, Richard B. Lammers, Sheila M. Olmstead, and Lara Fowler, 2024. Harmonized Database of Western US Water Rights (HarDWR) v. 1. *Scientific Data*, 11, no. 1 (2024): 598.
  - Yusuke Kuwayama\*, Sheila Olmstead\*, and Jiameng Zheng\*, 2022. A more comprehensive estimate of the value of water quality. *Journal of Public Economics*, 207, p.104600.
  - Sheila Olmstead\*, and Jiameng Zheng\*, 2021. Water Pollution Control in Developing Countries: Policy Instruments and Empirical Evidence. *Review of Environmental Economics and Policy*, 15, no. 2 (2021): 261-280.
  - Yusuke Kuwayama\*, Sheila M.Olmstead\*, Derek C. Wietelman\* and Jiameng Zheng\*, 2020. Trends in nutrient-related pollution as a source of potential water quality damages: A case study of Texas, USA. *Science of The Total Environment*, 724, p.137962.

\*Publications are listed in chronological order. An asterisk (\*) denotes equal contribution among authors, listed alphabetically.

## WORKING PAPERS

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- “Health and mobility impacts of industrial chemical accidents”, Job market paper
  - “The effect of lead from drinking water on long-run educational outcomes” (in submission).
  - “Bringing hydrologic realism to water markets”, with Karen Fisher-Vanden, Danielle Grogan, Richard Lammers, Matthew Lisk, Sheila Olmstead, Shan Zuidema, Alex Prusevich, and Lara Fowler (under review).
  - “Estimating water quality benefits and distributional impacts in three U.S. region”, with Yoojin Cha, Daniel Douglas, Dimitris Friesen, Yusuke Kuwayama, Sheila Olmstead, and Daniel Phaneuf

## SELECTED WORK IN PROGRESS

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- “Health impacts of natural disasters”, with David Molitor and Tatyana Deryugina
- “A retrospective analysis of the benefits and costs of the SDWA Arsenic Rule”, with Wes Austin, Mary Evans, Lala Ma, Margarita Petrusevich, and Nathalie Simon
- “From Awareness to Action: Assessing PFAS Recreational Exposure and Evaluating the Effectiveness of Mitigation Policies”, with Rongwang Ren, Xibo Wan, Ruohao Zhang, and Wendong Zhang
- “Using mobility data to estimate water quality benefits”, with Yoojin Cha, Daniel Douglas, Dimitris Friesen, Yusuke Kuwayama, Sheila Olmstead, and Daniel Phaneuf

## RESEARCH GRANTS

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### Received Grants:

- Co-PI, “Estimating the Missing Benefits of Water Quality by Nesting Recreation Demand and Hedonic Modeling,” U.S. Environmental Protection Agency, \$117,933 subcontract to the University of Illinois at Urbana Champaign (2022-2024). PI: Sheila Olmstead, University of Texas at Austin
- Co-PI, “The impact of drinking water lead pollution on blood lead levels”, Gies Grants (2023-2025), \$8,311.
- Co-PI, “From Awareness to Action: Assessing PFAS exposure in communities and evaluating the effectiveness of its mitigation strategies”. Illinois-Indiana Sea Grant. PI: Ruohao Zhang, Pennsylvania State University.
- Co-PI, “A retrospective analysis of the benefits and costs of the SDWA Arsenic Rule”, Resources of The Future. PI: Mary Evans, University of Texas at Austin.

## TEACHING EXPERIENCE

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### University of Texas at Austin, Teaching Assistant

- Microeconomics (Graduate Level): Fall 2017, Fall 2019
- Environment and Resource Economics and Policy (Graduate Level): Spring 2018
- Quantitative Foundation for Public Policy (Undergraduate Level): Summer 2017, Summer 2018

## RECENT INVITED CONFERENCE AND WORKSHOP PRESENTATIONS

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| 2024 | University of Wyoming, Public Policy Institute of California, Louisiana State University, Association of Environmental and Resource Economists (AERE)-Midwest Economics Association (MEA) Annual Conference, AERE Summer Conference, ASHEcon Annual Conference, China Economics Society-China Conference, Social Cost of Water Pollution Workshop |
| 2023 | University of Illinois at Urbana Champaign (CBPP Seminar, pERE seminar), Heartland Workshop (poster)  |
| 2022 | Heartland Workshop (poster), University of Texas at Austin (Ph.D. Seminar), Stony Brook University (SoMAS), AERE-MEA Annual Conference, Brookings Graduate workshop: Data-driven environmental economics research from the EPA  |

## PROFESSIONAL ACTIVITIES

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| Topic Leader          | Health Economics Section of the Agricultural & Applied Economics Association (AAEA)  |
| Reviewer              | Environmental Politics, Journal of Political Economy Microeconomics, Journal of the Association of Environmental and Resource Economists, Applied Economics, Child Development, AERE Summer Conference abstract reviewer, AERE-SEA abstract reviewer |
| Paper Discus-<br>sant | Annual Conference of Society of Benefit-Cost Analysis, WEAI Virtual Annual Conference, AERE-MEA Annual Conference  |

## PROGRAMMING SKILLS

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ArcGIS, Stata, R, Python, L<sup>A</sup>T<sub>E</sub>X

## ACADEMIC REFERENCES

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### **Prof. Tatyana Deryugina**

Associate Professor of Finance  
Gies College of Business  
University of Illinois at Urbana Champaign  
deryugin@illinois.edu

### **Prof. Yusuke Kuwayama**

Associate Professor  
School of Public Policy  
University of Maryland Baltimore County  
kuwayama@umbc.edu

### **Prof. David Molitor**

Associate Professor of Finance and Economics  
Gies College of Business  
University of Illinois at Urbana Champaign  
dmolitor@illinois.edu

### **Prof. Sheila Olmstead**

Professor  
Brooks School of Public Policy  
Cornell University  
solmstead@cornell.edu