

# TATYANA DERYUGINA

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## **EDUCATION**

- 2006–2012 Ph.D., Economics, Massachusetts Institute of Technology (MIT)
- 2002–2006 B.A. in Applied Mathematics; B.S. in Environmental Economics and Policy, University of California at Berkeley  
(magna cum laude and summa cum laude, respectively)

## **ACADEMIC POSITIONS**

- 2020– Associate Professor, Department of Finance, Department of Economics (courtesy appointment), University of Illinois at Urbana-Champaign
- 2024– Coeditor, *American Economic Review: Insights*
- 2020– Co-editor, *Environmental and Energy Policy and the Economy*
- 2020– Board of Editors, *American Economic Journal: Economic Policy*
- 2023\* Editor, *Journal of the Association of Environmental and Resource Economists*

### *Previous positions:*

- 2021–2022 Visiting Professor, Toulouse School of Economics
- 2020–2022 Co-editor, *Journal of the Association of Environmental and Resource Economists*
- 2012–2020 Assistant Professor, Department of Finance, Department of Economics (courtesy appointment), University of Illinois at Urbana-Champaign
- 2011–2012 Lecturer of Finance, Department of Finance, University of Illinois at Urbana-Champaign

## **OTHER PROFESSIONAL ACTIVITIES AND AFFILIATIONS**

- 2022– Co-founder, [Economists for Ukraine](#)
- 2021– Fellow member, CESifo Research Network
- 2020– Research Associate, National Bureau of Economic Research, Environmental and Energy Economics Program (steering committee member since 2021)
- 2019– Faculty Affiliate, E2e Project
- 2018– Research Fellow, Institute for the Study of Labor (IZA)

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\* Stepping down after 1-year term to comply with AEA rules on not holding multiple significant editorial roles simultaneously.

*Previous positions:*

- 2016–2023 Founder and CEO, Academic Sequitur
- 2015–2020 Faculty Research Fellow, National Bureau of Economic Research,  
Environmental and Energy Economics Program

**PEER-REVIEWED PUBLICATIONS (REVERSE CHRONOLOGICAL ORDER)**

1. “Is the Supply of Charitable Donations Fixed? Evidence from Deadly Tornadoes.” 2021. (with Benjamin Marx). *American Economic Review: Insights*, 3(3).
2. “Modeling Users’ Trust in Drought Forecasts.” 2021. Authors, in order of contribution: Majid Shafiee-Jood, Tatyana Deryugina, and Ximing Cai. *Weather, Climate, and Society*, 13(3).
3. “Environmental Applications of the Coase Theorem” (with Frances Moore and Richard Tol). 2021. *Environmental Science & Policy*, 120.
4. “Does When You Die Depend on Where You Live? Evidence from Hurricane Katrina.” (with David Molitor). 2020. *American Economic Review*, 110(11).
5. “The Long-Run Dynamics of Electricity Demand: Evidence from Municipal Aggregation.” (with Alex MacKay and Julian Reif). 2020. *American Economic Journal: Applied Economics*, 12(1).
6. “The Mortality and Medical Costs of Air Pollution: Evidence from Changes in Wind Direction.” (with Garth Heutel, Nolan Miller, David Molitor, and Julian Reif). 2019. *American Economic Review*, 109(12).
7. “The Distributional Effects of Building Energy Codes.” (with Chris Bruegge and Erica Myers). 2019. *Journal of the Association of Environmental and Resource Economists*, 6(S1).
8. “The Economic Impact of Hurricane Katrina on its Victims: Evidence from Individual Tax Returns.” (with Laura Kawano and Steven Levitt). 2018. *American Economic Journal: Applied Economics*, 10(2).
9. “Does the Samaritan’s Dilemma Matter? Evidence from U.S. Agriculture.” (with Barrett Kirwan). 2018. *Economic Inquiry*, 56(2).
10. “Impacts of Crop Insurance on Water Withdrawals for Irrigation.” (with Megan Konar). 2017. *Advances in Water Resources* (top-ranked journal in water resources), 110.
11. “The Fiscal Cost of Hurricanes: Disaster Aid Versus Social Insurance.” 2017. *American Economic Journal: Economic Policy*, 9(3).
12. “The Effect of Information Provision on Public Consensus About Climate Change.” (with Olga Shurchkov). 2016. *PLOS ONE*, April.
13. “Now You See It, Now You Don’t: The Vanishing Beauty Premium.” (with Olga Shurchkov). 2015. *Journal of Economic Behavior and Organization*, 116.
14. “Does Beauty Matter in Undergraduate Education?” (with Olga Shurchkov). 2015. *Economic Inquiry*, 53(2).

15. "How Do People Update? The Effects of Local Weather Fluctuations on Beliefs About Global Warming." 2013. *Climatic Change*, 118(2).

### **WORKING PAPERS**

1. "Natural Disasters and Municipal Bonds" (with Jun Kyung Auh, Jaewon Choi, and Tim Park, NBER Working Paper 30280)
2. "Natural Disasters and Elective Medical Services: How Big is the Bounce-Back?" (with Jonathan Gruber and Adrienne Sabety, NBER Working Paper 27505)
3. "A Behavioral Social Learning Model for Studying the Dynamics of Forecast Adoption" (authors, in order of contribution: Majid Shafiee-Jood, Tatyana Deryugina, and Ximing Cai)
4. "Firm-Level Financial Resources and Environmental Spills." (with Jonathan Cohn, NBER Working Paper 24516)
5. "The Marginal Product of Climate." (with Solomon Hsiang, NBER Working Paper 24072)

### **INVITED OR NON-PEER REVIEWED ACADEMIC PUBLICATIONS**

1. "The Fiscal Consequences of Natural Disasters." 2022. Chapter in *Handbook on the Economics of Natural Disasters*. Edited by Mark Skidmore, Edward Elgar Publishing.
2. "Public School Access or Stay-at-Home Partner: Factors Mitigating the Adverse Effects of the COVID-19 Pandemic on Academic Parents." 2022. (with Olga Shurchkov and Jenna Stearns), *AEA Papers and Proceedings*, 112.
3. "The Causal Effects of Place on Health and Longevity." 2021. (with David Molitor), *Journal of Economic Perspectives*, 35(4): 147-170.
4. "COVID-19 Disruptions Disproportionately Affect Female Academics." 2021. (with Olga Shurchkov and Jenna Stearns), *AEA Papers and Proceedings*, 111.
5. "Reply to 'Alive and Kicking: Mortality of New Orleans Medicare Enrollees After Hurricane Katrina'." 2021. (with David Molitor), *Econ Journal Watch*, 18(1): 52-60.
6. "Geographic and Socioeconomic Heterogeneity in the Benefits of Reducing Air Pollution in the United States." 2020. (with Nolan Miller, David Molitor, and Julian Reif), *Environmental and Energy Policy and the Economy*, volume 2.
7. "An Introduction to Energy Policy Trade-Offs between Economic Efficiency and Distributional Equity." 2019. (with Don Fullerton and William Pizer), *Journal of the Association of Environmental and Resource Economists*, 6 (S1).

### **NON-ACADEMIC PUBLICATIONS**

1. "The green transition, energy security, and energy independence." Chapter in *Accelerating the Green Energy Transition: How Getting Off Fossil Fuels Can Save the Planet and Foster Peace* (Christian Gollier and Dominic Rohner, editors), CEPR Press, forthcoming.

2. “Thriving in Economics” three-part [e-book series](#) (editor): “Thriving in Economics: Aspiring PhD Student Edition”; “Thriving in Economics: PhD Student Edition”; “Thriving in Economics: Assistant Professor (and Beyond) Edition”, 2023.
3. “Rebuilding Ukraine’s Energy Sector: Challenges and Opportunities.” (with Oleksandr Kravchenko and Mar Reguant) Chapter in *Rebuilding Ukraine: Principles and Policies* (Yuriy Gorodnichenko, Ilona Sologoub, and Beatrice Weder di Mauro, editors), CEPR Press, 2022.
4. “Economic Effects of Natural Disasters.” IZA World of Labor, April 2022.
5. “Economic Lessons from Natural Disasters”, NBER Reporter, March 2021.
6. “The Effect of Illinois Municipal Electric Aggregation” (with Don Fullerton, Megan Konar, and Julian Reif), *State Tax Notes*, 2019.
7. “Does Crop Insurance Impact Water Use?” (with Don Fullerton, Megan Konar, and Julian Reif), Institute of Government and Public Affairs, 2018.
8. “Crop Insurance is Good for Farmers, but Not Always for the Environment” (with Don Fullerton, Megan Konar, and Julian Reif), *The Conversation*, 2018.
9. “Preparing for Climate Change in Illinois: An Overview of Anticipated Impacts” (with Kathy Baylis, Don Fullerton, Megan Konar, and Julian Reif), Institute of Government and Public Affairs, 2015.

## **MAJOR GRANTS**

1. “The Long-Run Impacts of Natural Disasters on Mortality and Disease Burden Among US Elderly and Disabled Adults” (equal contribution with David Molitor), National Institute of Health, R01 grant, 2021-2026.
2. “Investigating the Role of Perceptions about Drought Information and Forecast Accuracy in Midwest Rain-Fed Agricultural Decision Making” (co-PI under PI Ximing Cai), NOAA, 2018-2019.
3. “The Impact of Temperature and Pollution on Mortality, Morbidity, and Health Care Cost Among the Elderly” (co-PI under PI Nolan Miller), National Institute of Health, R01 grant, 2016-2021.
4. “The Long-Run Impact of Hurricane Katrina on Mortality, Morbidity and Health Care Cost Among the Elderly” (equal contribution with David Molitor), National Institute of Health, R21 grant, 2016-2018.
5. “Energy Policy Tradeoffs between Economic Efficiency and Distributional Equity” (equal contribution with Don Fullerton and Billy Pizer), Sloan Foundation, 2016-2018.
6. “The Charitable Response to Need and Persistent Effect on Generosity: Evidence from Tornado Strikes” (co-PI under PI Benjamin Marx), Lilly Family School of Philanthropy (Indiana University), 2016-2017.

## **MINOR GRANTS, FELLOWSHIPS, HONORS, AND AWARDS**

2022	<i>JEEA</i> Excellence in Refereeing Award
2021	<i>AER: Insights</i> Excellence in Refereeing Award
2021	Dean's Impact Award, Gies College of Business, UIUC
2020	<i>AJ: Applied</i> Excellence in Refereeing Award
2020	Distinguished Promotion Award, UIUC
2020	iHEA Arrow Award for Best Paper in Health Economics
2019-2020, 2021-2022	Faculty Fellow, Office of Risk Management & Insurance Research, Gies College of Business, UIUC
2018, 2020	<i>AER</i> Excellence in Refereeing Award
2012, 2015, 2017, 2019	List of Teachers Ranked as Excellent by Their Students, UIUC
2012, 2014	Campus Research Board Award (Grant), UIUC
2009	Price Theory Scholar, Booth School of Business, University of Chicago
2008-2009	MIT Energy Initiative Fellow
2007	George and Obie Shultz Fund Grant
2006-2008	MIT Presidential Fellow
2006-2009	National Science Foundation Fellowship