

# Jamie T. Mullins

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University of Massachusetts Amherst

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## **Education:**

University of California San Diego

Ph.D. – Economics: 2015

Dissertation Title: The Regulation and Health Effects of Air Pollution

M.A. – Economics – University of California, San Diego: 2012

University of California Berkeley

B.S. – Industrial Engineering and Operations Research: 2006

## **Academic Positions**

University of Massachusetts Amherst

-Assistant Professor: Resource Economics Department, 2015 – Present

## **Fellowships**

- 2018-2019 UMass Sustainability Curriculum Fellow

- 2016 Lone Mountain Fellow: Property and Environment Research Center (PERC), Bozeman, Mt

## **Publications:**

Mullins, Jamie T., “Motivating Emissions Cleanup: Absolute vs. Relative Performance Standards.”  
*Journal of Environmental Economics and Management* 91 (2018): 66-92.

Mullins, Jamie T., “Ambient Air Pollution and Human Performance: Contemporaneous and  
Acclimatization Effects of Ozone Exposure on Athletic Performance.” *Health Economics* 27 (2018):  
1189-1200.

Mullins, Jamie, Joshua Graff Zivin, Andrea Cattaneo, Adriana Paolantonio, and Romina Cavatassi, "The  
Adoption of Climate Smart Agriculture: The Role of Information and Insurance under Climate  
Change," in *Climate Smart Agriculture - Building Resilience to Climate Change*, D Zilberman, L  
Lipper, N McCarthy, S Asfaw, and G Branca (Eds.) Springer, 2018: 353-383.

Bharadwaj, Prashant, Joshua Graff Zivin, Jamie T. Mullins, and Matthew Neidell. "Early-life Exposure to  
the Great Smog of 1952 and the Development of Asthma." *American Journal of Respiratory and  
Critical Care Medicine* 194, no. 12 (2016): 1475-1482.

Graff Zivin, Joshua, and Jamie Mullins. "Vessel Buybacks in Fisheries: The Role of Auction and  
Financing Structures." *Marine Policy* 53 (2015): 188-197.

Currie, Janet, Joshua Graff Zivin, Jamie Mullins, and Matthew Neidell. "What Do We Know About  
Short-and Long-Term Effects of Early-Life Exposure to Pollution?." *Annual Review of Resource  
Economics* 6, no. 1 (2014): 217-247.

Mullins, Jamie, and Prashant Bharadwaj. "Effects of Short-Term Measures to Curb Air Pollution: Evidence from Santiago, Chile." *American Journal of Agricultural Economics* (2014): aau081.

**Working Papers:**

"Climate change and flood risk: Evidence from New York Real Estate" with Matthew Gibson and Alison Hill. Under Submission.

"Temperature, Climate Change, and Mental Health," with Corey White. Revisions Requested.

"Arthritis and Early Life Air Pollution Exposure," with Andrew Shepherd. Under Submission

**Research in Progress:**

"Climate, Migration, and Labor Market Opportunities: Evidence from Temperature Shocks in the United States" with Prashant Bharadwaj

"Driving Avoidance Behavior: The Benefits of Government Warnings and Precautionary Public Action Regarding Air Pollution" with Kelly L. Hellman

"Malaria and Earnings: Contemporaneous and Lifetime Impacts of Exposure," with Gordon McCord

"The Amenity Values New York City Bike Lanes." with Joshua Graff Zivin

**Other Publications:**

Mullins, Jamie T., "Ground-level ozone continues to damage health, even at low levels." *The Conversation*, September 16, 2018. <https://theconversation.com/ground-level-ozone-continues-to-damage-health-even-at-low-levels-99182>.

Mullins, Jamie T., "What causes asthma? Clues from London's Great Smog with implications for air pollutions today." *The Conversation*, July 26, 2016. <https://theconversation.com/what-causes-asthma-clues-from-londons-great-smog-with-implications-for-air-pollution-today-62468>.

**Invited Seminars and Conference Presentations:**

"Climate change and flood risk: Evidence from New York City real estate" (scheduled)  
Allied Social Science Associations 2019 Annual Meeting  
January 4-6, 2019 – Atlanta, GA

"Temperature, Climate Change, and Mental Health" (scheduled)  
2018 UMass System Econ Conference  
October 27, 2018 – Lowell, MA

"Temperature, Climate Change, and Mental Health"  
Fitbit Boston Offices, Research Scientist Seminar  
September 14, 2018 – Boston, MA

"Climate change and flood risk: Evidence from New York City real estate"  
The American Real Estate and Urban Economics Association 2018 National Conference  
May 31-June 1, 2018 – Washington, DC

"Climate change and flood risk: Evidence from New York City real estate"

University of Connecticut, Department of Agricultural and Resource Economics Seminar  
April 18, 2018 – Storrs, CT

- “Temperature, Climate Change, and Mental Health”  
19th Annual CU Environmental and Resource Economics Workshop  
September 15-16, 2017 – Vail, CO
- “Climate, Migration, and Labor Market Opportunities: Evidence from Temperature Shocks in the U.S.”  
IZA Workshop on the Environment and Labor Markets  
August 31-September 1, 2017 – Bonn, Germany
- “Climate change, flood risk, and property values: Evidence from New York City”  
Western Economic Association International Annual Meetings  
June 25-29, 2017 – San Diego, CA
- “Temperature, Climate Change, and Mental Health”  
Association of Environmental and Resource Economists Annual Meetings  
May 31- June 2, 2017 – Pittsburgh, PA
- “Climate change, flood risk, and property values: Evidence from New York City”  
Department of Economics, Applied Seminar, UMASS Amherst  
May 26, 2017 – Amherst, MA
- “Climate change, flood risk, and property values: Evidence from New York City”  
Southern Economic Association Annual Meetings  
November 19-21, 2016 – Washington, DC
- “Ambient Air Pollution and Human Performance: Contemporaneous and Acclimatization Effects of Ozone Exposure on Athletic Performance”  
Western Economic Association International Annual Meetings  
June 29- July 2, 2016 – Portland, OR
- “Sea level rise, flood risk, and property values: Evidence from New York City”  
Association of Environmental and Resource Economists Annual Meetings  
June 9-11, 2016 – Breckenridge, CO
- “Intertemporal Effects of Ambient Ozone Exposure on Human Performance”  
Southern Economics Association Annual Meetings  
November 21-23, 2015 – New Orleans, LA
- “The Long Term Effects of Early Childhood Exposure to Pollution: Evidence from the London Smog Incident of 1952”  
Annual All-UC Conference on Energy and Environmental Economics  
Hosted by University of California Center for Energy and Environmental Economics (UCE<sup>3</sup>)  
September 19, 2014 – Berkeley, CA
- “Absolute vs. Relative Performance Standards: Motivating Firms to Clean-up Emissions.” (poster)  
All-California Labor Economics Conference  
September 18-19, 2014 – Berkeley, CA

“Ambient Air Quality and Athletic Performance”

Workshop on Environmental Quality and Human Health  
Hosted by Property and Environment Research Center (PERC)  
August 10-12, 2014 – Bozeman, MT

"The Effectiveness of Environmental Alerts: Evidence from Santiago, Chile"

Pacific Conference for Development Economics (PacDev)  
March 9, 2013 – San Francisco State University, San Francisco, CA

“Government Intervention and Short Run Air Quality in Santiago, Chile” (poster)

All-California Labor Economics Conference  
September 13-14, 2012 – Federal Reserve Bank of San Francisco, San Francisco, CA

**Professional Activities:**

Served as a peer reviewer for: *American Economic Journal: Economic Policy*, *Journal of Public Economics*, *Economic Journal*, *Journal of the Association of Environmental and Resource Economists*, *Journal Environmental Economics and Management*, *Journal of Health Economics*, *Oxford Bulletin of Economics and Statistics*, *Labour Economics*, *American Journal of Health Economics*, *Environmental and Resource Economics*, *American Journal of Agricultural Economics*, *Climactic Change*, *British Medical Journal – Open*, *Journal of Marine Policy*, *Southern Economic Journal*

**Students:**

2018- Present: Jonas Schmidt, MS  
2017-Present: Onupurba Das, PhD  
2016-2018: Kelly Hellman, PhD  
2017-2018: Andrew Shepard, MS  
2016-2018: Matthew Wasserman, MS  
2015-2016: Jayash Paudel, MS