

# Patrick Baylis

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## Professional appointments

2017–Present ASSISTANT PROFESSOR, Vancouver School of Economics, University of British Columbia  
2016–2017 POSTDOCTORAL FELLOW, Center on Food Security and the Environment, Stanford University

## Education

May 2016 PH.D., University of California, Berkeley (Agricultural and Resource Economics)

- Areas of specialization: Environmental economics and applied econometrics
- Dissertation: “Essays on the Human Effects of Climate Change”
- Committee: Maximilian Auffhammer (chair), Severin Borenstein, Meredith Fowlie, Solomon Hsiang

2012 M.S., University of California, Berkeley (Agricultural and Resource Economics)  
2008 B.A., Carleton College (Political Science/International Relations)

## Research

### PUBLICATIONS

Patrick Baylis, Nick Obradovich, Yury Kryvasheyev, Haohui Chen, Lorenzo Coviello, Esteban Moro, Manuel Cebrian, and James H Fowler, “Weather impacts expressed sentiment,” *PLoS One* 13, no. 4 (April 2018). [[Paper](#)]

- Selected media: [MIT Technology Review](#)

Maximilian Auffhammer, Patrick Baylis, and Catherine H Hausman, “Climate change is projected to have severe impacts on the frequency and intensity of peak electricity demand across the United States,” *Proc. Natl. Acad. Sci. U. S. A.* 114, no. 8 (February 2017): 1886–1891. [[Paper](#)]

- Selected media: [New York Times](#), [ARS Technica](#)

### WORKING PAPERS AND WORKS IN PROGRESS

Patrick Baylis. “Temperature and Temperament: Evidence from Twitter.” Submitted. [[Working paper](#)]

- Selected media: [Popular Science](#), [Washington Post](#), [Time](#), [Weather Channel](#), [UC Newsroom](#), [Energy Institute Blog](#), [G-FEED Blog](#), [Marginal Revolution Blog](#)

Meredith Fowlie, Catherine Wolfram, C Anna Spurlock, Annika Todd, Patrick Baylis, and Peter Cappers. “Default Effects, Follow-on Behavior and Welfare in Residential Electricity Pricing Programs.” Submitted. [[NBER Working paper](#)]

Marshall Burke, Ceren Baysan, Felipe Gonzales, Patrick Baylis, Sam Heft-Neal, Sanjay Basu, and Solomon Hsiang. “Warming Increases Suicide Rates in the United States and Mexico.” Conditionally accepted.

Patrick Baylis and Judson Boomhower. “Moral Hazard, Wildfires, and the Economic Incidence of Natural Disasters.”

## Teaching

2019 ECON 573: ENVIRONMENTAL ECONOMICS (GRADUATE)  
 2019 ECON 494: SEMINAR IN APPLIED INTERNATIONAL ECONOMICS  
 2017 ECON 371: ECONOMICS OF THE ENVIRONMENT

## Presentations

2018 May 14: Nova School of Business and Economics  
 March 14: University of British Columbia (CFREE seminar)  
 January 22: University of British Columbia (Empirical seminar)

2017 November 17: University of Ottawa  
 November 7: University of Montana  
 May 18: Stanford University (SEEPAC Research Workshop on Climate Impacts)  
 May 15: Stanford University (Sustain Lab)  
 March 8: Stanford University (Center on Food Security and the Environment seminar)

2016 July 30: Agricultural and Applied Economics Association Annual Conference  
 June 30: UC-Berkeley (Energy Camp)  
 April 21: UC-Berkeley (Energy Institute Research in Progress Seminar)  
 March 15: National Center for Atmospheric Research  
 February 8: Stanford Management Science & Engineering  
 February 3: University of British Columbia  
 February 1: Stanford Center on Food Security and the Environment  
 January 27: Pittsburgh University  
 January 20: Montana State University

2015 October 23: University of Illinois (Heartland Workshop)  
 October 17: UC-Berkeley (ARE Seminar)

September 25: University of Colorado (Vail Workshop)  
July 15: UC-Berkeley (Climate Workshop)  
July 13: UC-Berkeley (Energy Institute Research in Progress Seminar)  
June 5: Association of Environmental and Resource Economics  
April 16: UC-Berkeley (Climate Change Economics Lunch)

2014 October 27: UC-Berkeley (Energy Institute Research in Progress Seminar)  
April 25: UC-Berkeley (Energy Institute Research in Progress Seminar)

## Grants, Honors & Awards

2017 Centre for Innovative Data in Economics Grant (joint with Ken Lee)  
Hampton New Faculty Grant

2016 National Center for Atmospheric Research visiting researcher

2015 Giannini Foundation grant (joint with Judson Boomhower)

2013 Outstanding Graduate Student Instructor award

## Service

EMPIRICAL SEMINAR ORGANIZER (SPRING 2018), Vancouver School of Economics  
GRADUATE STUDIES COMMITTEE, Vancouver School of Economics  
ADMISSIONS COMMITTEE, University of California Berkeley

## Other

### REFEREE

American Economic Review, American Economic Journal: Economic Policy, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Nature: Human Behavior, Energy Economics, Resource and Energy Economics

### CONTRIBUTING AUTHOR

Micro-satellite Data: Measuring Impact from Space, by Mary Kay Gugerty, Dean Karlan, and Delia Welsh. 2016. [[link](#)]