

# Patrick Baylis

Address: 6000 Iona Dr., University of British Columbia, Vancouver, BC V6T 2E8, Canada

Office: Iona 113

Email: [pbaylis@mail.ubc.ca](mailto:pbaylis@mail.ubc.ca)

Web: [patrickbaylis.com](http://patrickbaylis.com)

## 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

Marshall Burke, Felipe González, Patrick Baylis, Sam Heft-Neal, Ceren Baysan, Sanjay Basu, and Solomon Hsiang, “Higher temperatures increase suicide rates in the United States and Mexico,” *Nature Climate Change* 8, no. 8 (2018): 723–729, doi:[10 . 1038 / s41558-018-0222-x](https://doi.org/10.1038/s41558-018-0222-x). [Paper]

- Selected media: [The Atlantic](#), [The Guardian](#), [Reuters](#)

Patrick Baylis, Nick Obradovich, Yury Kryvasheyeu, 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.” Revise and resubmit. [[NBER Working paper](#)]

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	June 28: WEAI-AERE Conference 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

- 2018      SSHRC Insight Development Grant  
             SSHRC Explore Grant
- 2017      UBC Centre for Innovative Data in Economics Innovation Grant  
             UBC Hampton Fund New Faculty Grant
- 2016      National Center for Atmospheric Research Visitor Grant
- 2015      Giannini Foundation Grant
- 2013      UC-Berkeley 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](#)]

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