

Patrick Baylis

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Center on Food Security and the Environment
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Professional appointments

2017-Present	ASSISTANT PROFESSOR, Vancouver School of Economics, University of British Columbia
2016-2017	POSTDOCTORAL FELLOW, Stanford Institute on Food Security and the Environment
2014-2016	GRADUATE STUDENT RESEARCH ASSISTANT, Lawrence Berkeley National Labs
2011-2016	GRADUATE STUDENT RESEARCHER, Energy Institute at Haas
2009-2011	SUSTAINABILITY CONSULTANT, Ackerstein Sustainability
2008-2009	MANAGEMENT CONSULTANT, Arcadia Solutions

Education

2016	PH.D. in Agricultural and Resource Economics, University of California, Berkeley <ul style="list-style-type: none">• Areas of specialization: Environmental economics and applied econometrics• Dissertation: Essays on the Human Effects of Climate Change<ul style="list-style-type: none">– Committee: Max Auffhammer (chair), Severin Borenstein, Meredith Fowlie, Solomon Hsiang
2012	M.S. in Agricultural and Resource Economics, University of California, Berkeley
2008	B.A. in Political Science/International Relations, Carleton College

Research

PUBLICATIONS

Max Auffhammer, Patrick Baylis, and Catherine Hausman. Climate change is projected to have severe impacts on the frequency and intensity of peak electricity demand across the United States. 2017. *Proceedings of the National Academy of Sciences*, 114(8). [[Paper](#)] [[Supplemental](#)]

WORKING PAPERS

Patrick Baylis. Temperature and temperament: Evidence from a billion tweets. Submitted. [[Working paper](#)]

Meredith Fowlie, Catherine Wolfram, 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](#)]

Warming increases suicide rates in the United States and Mexico. Marshall Burke, Ceren Baysan, Felipe Gonzalez, Patrick Baylis, Sam Heft-Neal, Sanjay Basu, and Solomon Hsiang. Submitted.

Patrick Baylis, Nick Obradovich, Yury Kryvasheyev, Caron Chen, Lorenzo Coviello, Esteban Moro, Manuel Cebrian, and James Fowler. Weather impacts expressed sentiment. Submitted. [[arXiv](#)]

Teaching

2018	ASSISTANT PROFESSOR, ECON573: Graduate Environmental Economics
2017	ASSISTANT PROFESSOR, ECON371: Undergraduate Environmental Economics
2013	GRADUATE STUDENT INSTRUCTOR, ARE212: Multiple Equation Estimation

Presentations

2018	January 22: University of British Columbia (Empirical seminar) November 17: University of Ottawa (Invited presentation) November 7: University of Montana (Virtual presentation) 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 (presenter) June 30: UC-Berkeley (Energy Camp) April 21: UC-Berkeley (Energy Institute Research in Progress Seminar) March 15: National Center for Atmospheric Research (Invited presentation) February 8: Stanford Management Science & Engineering (Invited presentation) February 3: University of British Columbia (Invited presentation) February 1: Stanford Center on Food Security and the Environment (Invited presentation) January 27: Pittsburgh University (Invited presentation) January 20: Montana State University (Invited presentation)
2015	October 23: UC-Berkeley (Energy Institute Seminar) October 17: University of Illinois (Heartland Workshop) September 25: UC-Berkeley (ARE Seminar) September 4: University of Colorado (Vail Workshop) July 15: UC-Berkeley (Climate Workshop) July 13: UC-Berkeley (Energy Institute Research in Progress Seminar) June 5: Associate of Environmental and Resource Economics Annual Conference (presenter)

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

GRADUATE STUDIES COMMITTEE, University of British Columbia, Vancouver School of Economics

ADMISSIONS COMMITTEE, Student representative, University of California Berkeley

MEMBER, American Economic Association

MEMBER, Association of Environmental and Resource Economists

Other

REFEREE

American Economic Review, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Energy Economics

CONTRIBUTING AUTHOR

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

MEDIA

PROJECTING THE IMPACT OF CLIMATE CHANGE ON U.S. ELECTRICITY LOAD: New York Times, Ars Technica

TEMPERATURE AND TEMPERAMENT: EVIDENCE FROM A BILLION TWEETS: Popular Science, Washington Post, Time, Weather Channel, Berkeley News, UC Newsroom, ChicagoInno