

# Patrick Baylis

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## Professional appointments

2017-	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) <ul style="list-style-type: none"><li>• Areas of specialization: Environmental economics and applied econometrics</li><li>• Dissertation: “Essays on the Human Effects of Climate Change”</li><li>• Committee: Maximilian Auffhammer (chair), Severin Borenstein, Meredith Fowlie, Solomon Hsiang</li></ul>
2012	M.S., University of California, Berkeley (Agricultural and Resource Economics)
2008	B.A., Carleton College (Political Science/International Relations)

## Research

### PUBLICATIONS

Frances C. Moore, Nick Obradovich, Flavio Lehner, and Patrick Baylis, “Rapidly declining remarkability of temperature anomalies may obscure public perception of climate change,” *Proceedings of the National Academy of Sciences*, 2019, [[Paper](#)]

- Selected media: [New York Times](#), [Washington Post](#) (op-ed by Moore and Obradovich)

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. [[Paper](#)]

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

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](#)

#### WORKS IN PROGRESS

Patrick Baylis and Judson Boomhower. “Moral Hazard, Wildfires, and the Economic Incidence of Natural Disasters.” [[SIEPR Working Paper](#)][[Working paper \(latest version\)](#)]

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

## Teaching

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

## Presentations

2019	May 31: Association of Environmental and Resource Economics Annual Conference April 5: Federal Reserve Board (Household and Business Spending) March 14: University of British Columbia Development seminar March 6: University of British Columbia CFREE seminar
2018	October 12: University of Victoria September 28: Canadian Resource and Environmental Economics Annual Conference 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 Annual Conference  
 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
- 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

ORGANIZING COMMITTEE, The Workshop in Environmental Economics and Data Science  
 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](#)]