

A L A N I. B A R R E C A

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RESEARCH AREAS

Climate change | Energy policy | Reproductive health

EMPLOYMENT

UCLA	Professor	2024 - present
	Associate Professor Institute of the Environment & Sustainability	2017 - 2024
Tulane University	Associate Professor of Economics	2014 - 2017
	Assistant Professor of Economics	2008 - 2014
RAND Corporation	Post-Doctoral Fellow in Study of Aging	2011 - 2012

OTHER APPOINTMENTS

NBER	Research Associate	2014 - present
	Faculty Research Fellow	2013 - 2014
IZA	Research Fellow	2013 - present

EDUCATION

Ph.D.	Economics	University of California - Davis	2004 - 2008
M.A.	Economics	University of California - Davis	2003 - 2004
B.S.	Economics	Santa Clara University <i>summa cum laude</i>	1996 - 2000

PUBLICATIONS

Title	Author(s)	Journal	Year
17. High temperatures and electricity disconnections for low-income homes in California	Alan Barreca Jisung Park Paul Stainier	<i>Nature Energy</i>	2022
16. Adaptation to Environmental Change: Agriculture and the Unexpected Incidence of the Acid Rain Program	Nicholas Sanders Alan Barreca	<i>American Economic Journal: Economic Policy</i>	2022
15. Long-run pollution exposure and mortality: Evidence from the Acid Rain Program	Alan Barreca Matthew Neidell Nicholas Sanders	<i>Journal of Public Economics</i>	2021
14. Estimating causal effects of particulate matter regulation on mortality	Nicholas Sanders Alan Barreca Matthew Neidell	<i>Epidemiology</i>	2020
13. The impact of high ambient temperatures on delivery timing and gestational lengths	Alan Barreca Jessamyn Schaller	<i>Nature Climate Change</i>	2020
12. Maybe Next Month? Temperature Shocks and Dynamic Adjustments in Birth Rates	Alan Barreca Melanie Guldi Olivier Deschenes	<i>Demography</i>	2018
11. Does Hot Weather Affect Human Fertility?	Alan Barreca	<i>IZA World of Labor</i>	2017
10. Adapting to Climate Change: The Remarkable Decline in the U.S. Temperature Mortality Relationship over the 20th Century	Alan Barreca Karen Clay Olivier Deschenes Michael Greenstone Joseph Shapiro	<i>Journal of Political Economy</i>	2016

PUBLICATIONS (CONT.)

Title	Author(s)	Journal	Year
9. Success is Something to Sneeze At: Influenza Mortality in Cities that Participate in the Super Bowl	Charles Stoecker Nicholas Sanders Alan Barreca	<i>American Journal of Health Economics</i>	2016
8. Heaping-Induced Bias in Regression Discontinuity Designs	Alan Barreca Jason Lindo Glen Waddell	<i>Economic Inquiry</i>	2016
7. Convergence in Adaptation to Climate Change: Evidence from High Temperatures and Mortality, 1900-2004	Alan Barreca Karen Clay Olivier Deschenes Michael Greenstone Joseph Shapiro	<i>American Economic Review Papers & Proceedings</i>	2015
6. A Pint for a Pound? Minimum drinking age laws and birth outcomes	Alan Barreca Marianne Page	<i>Health Economics</i>	2015
5. Agricultural Policy, Migration, and Malaria in the United States in the 1930s	Alan Barreca Price Fishback Shawn Kantor	<i>Explorations in Economic History</i>	2012
4. Absolute Humidity, Temperature, and Influenza Mortality: 30 Years of County-Level Evidence from the United States	Alan Barreca Jay Shimshack	<i>American Journal of Epidemiology</i>	2012
3. Climate Change, Humidity, and Mortality in the United States	Alan Barreca	<i>Journal of Environmental Econ and Mngmt</i>	2012
2. Saving Babies? Revisiting the Effect of Very Low Birth Weight Classification	Alan Barreca Melanie Guldi Jason Lindo Glen Waddell	<i>Quarterly Journal of Economics</i>	2011

PUBLICATIONS (CONT.)

Title	Author(s)	Journal	Year
1. The Long-Term Economic Impact of <i>In Utero</i> and Postnatal Exposure to Malaria	Alan Barreca	<i>Journal of Human Resources</i>	2010

SELECT AWARDS & GRANTS

Strategic Growth Council Grant		2019 - 2021
Excellence in Refereeing Award - American Economic Review		2013 2017
National Institute of Health Grant		2009 - 2011
Kurzios Professorship - Tulane University		2008 - 2011
Dissertation Year Fellowship - University of California-Davis		2007 - 2008
Marjorie & Charles Elliott Fellowship - Univ. of California-Davis		2006 - 2007
Foreign Language Area Studies Summer Fellowship - Stanford University		2006
Eugene Cota-Robles Fellowship - University of California-Davis		2003 - 2005

PROFESSIONAL SERVICE

<i>Editorial council</i> - J. of the Environment & Economics Management	2018 - 2020
<i>Editorial council</i> - J. of the Assoc. of Environmental & Resource Economists	2014 - present

COURSES TAUGHT

Undergraduate: Programming with Big Environmental Data | Environmental Economics

Graduate: Applied Econometric Research Methods | Economics of Disease

PhD ADVISING (graduation year)

Paul Stainier (exp 2024) | Noam Rosenthal (2023) | Daniel Teles (2017) | Rodrigo Aranda Balcazar (2018) | Jacqueline Fiore(2018) | Michael Spanbauer (2018)