

Paulina Oliva

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Employment

2024-	Professor, Department of Economics, University of Southern California
2018-2024	Associate Professor, Department of Economics, University of Southern California
2019-2021	Vice-chair, Department of Economics University of Southern California
2016-2017	Associate Professor, Department of Economics, University of California, Irvine
2009-2016	Assistant Professor, Department of Economics, Univ. of California, Santa Barbara
2010	Postdoctoral Fellow, MTID IFPRI (Joint with Assistant Professor appointment at UCSB)

Education

2009	Ph.D., Economics, University of California, Berkeley
2004	B.A., Economics (High Honors, best GPA), CIDE (<i>Centro de Investigación y Docencia Económicas, México D.F.</i>)

Fields of Concentration

Primary:	Development Economics Environmental Economics Labor Economics
Other:	Applied Econometrics

Publications

“Migration and the Environment: A Look Across Perspectives”, *Regional Science and Urban Economics*, 107(2024):104005

“Air Pollution and Mental Health: Evidence from China”, with Shuai Chen and Peng Zhang, *AEA Papers and Proceedings*, 114(2024):423-28.

“The Effect of Pollution on Migration: Evidence from China”, with Shuai Chen and Peng Zhang, *Journal of Development Economics*, 156(2022): 102833

“Technology Adoption under Uncertainty: Take-up and Subsequent Investment in Zambia”, with Kelsey Jack, Samuel Bell, Chris Severen and Elizabeth Walker (previously circulated as “Uncertainty, Self Selection and the Design of Subsidies”), *The Review of Economics and Statistics*, 102(2020): 617-632

“The Distribution of Environmental Damages”, with Solomon Hsiang and Reed Walker, *Review of Environmental Economics and Policy*, 13(2019): 83–103

“Particulate matter and labor supply: The role of caregiving and non-linearities”, with Fernando Aragón and Juan José, *Journal of Environmental Economics and Management*, 86 (2017):295-309

“Implications of Climate Change for Children in Developing Countries,” with Rema Hanna, *The Future of Children*, Climate Change issue, 26 (2016):115-132

“Does the Effect of Pollution on Infant Mortality Differ Between Developing and Developed Countries? Evidence from Mexico City.”, with Eva Arceo and Rema Hanna, *The Economic Journal*. 126 (2016):257-280

“Moving up the Energy Ladder: The Effect of an Increase in Economic Well-being on the Fuel Consumption Choices of the Poor in India” with Rema Hanna, *American Economic Review P&P*, 105.5 (2015): 242-246

"The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City" with Rema Hanna, *Journal of Public Economics*, 122 (2015): 65-79.

“Environmental Regulation and Corruption: Automobile Emissions in Mexico City”, *Journal of Political Economy*, 123.3 (2015): 686-724

"The Impact of Inspections on Plant-Level Air Emissions" with Rema Hanna, *The B.E. Journal of Economic Analysis & Policy (Contributions)*, 10.1 (2010): 1935-1682

Working Papers

“Targeting subsidies through price menus: Menu design and evidence from clean fuels”, with Sulemana Abubakari, K.P. Asante, Misbath Daouda, B. Kelsey Jack, Darby Jack, and Flavio Malagutti, 2024

“Air Pollution and Pro-Cyclical Mortality: Causal Evidence from Thermal Inversions”, with Daniel Hicks and Patrick Marsh, December 2015.

“Scale Effects of Rapid Transit and Automobile Adoption” (Previously circulated as “Modal Choice and Income in Mexico City”), with Danae Hernández-Cortés and Chris Severen, 2024

"The Power of Perception: Limitations of Information in Reducing Air Pollution Exposure," with Rema Hanna, Bridget Hoffmann and Jake Schneider, IDB Publications (Working Papers) 11387, 2021, Inter-American Development Bank.

Selected work in Progress

“Demand for Clean Household Energy: LPG in Rural Ghana”, with Kelsey Jack, Darby Jack and Georgette Osuwu-Amankwah

Grants

2024	USC-WIIES Faculty Innovation Award	“Rainwater harvesting in urban settings as a response to water shortages"	\$34,157
2023	USC-President’s Sustainability Award	“The economics of climate Change mitigation and adaptation”	\$450,000

(with Matt Kahn and Rob Metcalfe)

2023	KCAI-JPAL	“Rainwater Harvesting in Mexico City” (Pilot Project)	\$25,000
2021	KCAI-JPAL	"Targeting Clean Fuels: Pricing Strategies and the Distribution of Benefits in Periurban Ghana,"	\$199,430
2020	NSF Subaward	A1: KnowWhereGraph: Enriching and Linking Cross-Domain Knowledge Graphs using Spatially-Explicit AI Technologies to Address Pressing Challenges at the Human-Environment Nexus	\$95,000
2019	USC Dornsife Faculty Initiatives in Key Research Areas	“Living Lab SC/LA”	\$10,000
2019	USC Lusk Center Research Award	“The Value of Air Quality in China: Revealed Preference Approach through Migration Decisions of College Graduates”	\$23,125
2016-2019	IDB	“Demand for Air Pollution Information in Mexico City”	\$350,000
2015-2017	UC-Mexico Initiative	“Environmental Monitoring, Public Information and Climate Change”	\$30,000
2014	Weiss Family Fund	“Estimating the Demand for Air Pollution Information in Mexico”	\$10,105
2011-2012	UCE3	“Optimal Contracts for Avoided Deforestation: A Pilot Study in Costa Rica”	\$17,000
2011-2012	CDKN Innovation Fund Team	“Contract and market design for land-based carbon offsets in Zambia” (with Sam Bell, Kelsey Jack and Liz Walker).	\$176,000
2011-2012	IGC	“Contract and market design for land-based carbon offsets in Zambia” (with Sam Bell, Kelsey Jack and Liz Walker).	£ 57,124
2010-2011	UCMexus	"The Effect of Air Pollution on Labor Supply"	\$15,000

Teaching

Empirical Methods in Economics (USC Econ 686b) Graduate Level
S2023, S2024, S2025

Urban Economics (USC Econ 687) Graduate Level
F2020, F2021, F2022, F2023, F2024

Research on Frontier Economics (USC Econ 700) Graduate Level
F2020, F2021, S2023, F2023

Intermediate Environmental Economics (UCSB Econ 115, USC Econ 487)
Undergraduate Level
S2011, F2011, S2012, W2013, F2013, F2014, S2015, S2018, S2020, S2023

Intermediate Microeconomics (Econ 100A), Undergraduate Level

W2017

Environmental and Development Economics (UCI Econ 149), Undergraduate Level
F2016

Applied Econometrics: Structural Methods (UCSB Econ 245C), Graduate Level
S2014, S2015

Probability, Statistics and Econometrics (UCSB Econ 241A), Graduate Level
F2009, F2010, F2011, F 2012, F 2013, F 2014

Environmental Economics (UCSB Econ 260B), Graduate Level
S2011, F2012, S2015

Other Appointments and Affiliations

2025-	Editor, Review of Economics and Statistics
2024-	J-PAL Co-Chair of New Initiative
2021-2025	Associate Editor, Review of Economics and Statistics
2021-	K-CAI Review Board JPAL
2020-2022	Dean's Leadership Fellow USC Dornsife
2020	Affiliate Abdul Latif Jameel Poverty Action Lab (JPAL)
2019	Faculty Affiliate of USC Spatial Sciences Institute
2018	Fellow of the Environmental Market Solutions Lab (emLab UC Santa Barbara)
2018-2020	Member of Board of Directors, Association of Environmental and Resource Economics
2016	Faculty Research Associate, National Bureau of Economic Research
2016	Editorial Council, Journal of Environmental Economics and Management
2016	Affiliate, The Bureau of Research and Economic Analysis of Development
2015-2018	Associate Editor, Review of Economics and Statistics
2014-2016	Editorial Council, Journal of the Association of Environmental and Resource Economics
2012-2016	Faculty Research Fellow, National Bureau of Economic Research
2011	Faculty Affiliate, Center for Effective Global Action

Invited Lectures

2025	Keynote Presentation at Latin American Environmental and Resource Economics Association, LAERE, Bogotá, Colombia.
2024	Keynote Presentation for Latin American Urban Association Meeting 2024, Mexico City, Mexico. Keynote Presentation for Latin American Environmental and Resource Economics Association, Bogotá, Colombia.
2023	Keynote Presentation at Latin American Meeting of the Econometric Society 2023, Bogotá, Colombia
2022	Keynote Lecture at TWEEDS 2022 (The Workshop in Environmental Economics and Data Science), Eugene, OR
2021	Panelist at USC Economics Symposium
2019	USC Faculty Symposium in honor of President Carol Folt's Inauguration
2019	Keynote speaker at UCI-UCLA-USC Urban Research Symposium

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| 2019 | Panelist at ClimateForward USC Conference |
| 2016 | Panelist at the Heartland Environmental & Resource Economics Workshop |

Seminars and Conferences (past and scheduled)

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| 2024 | Pacific Development Conference, Midwest International Economic Development Conference, NBER Summer Institute, VDEV/CEPR/BREAD Virtual Development Seminar |
| 2023 | University of Virginia, Wharton UPenn, World Bank |
| 2022 | UCSC, UCSD, World Bank, Santa Barbara Environmental Justice Workshop 2022, Environmental and Sustainability Seminar Earth Sciences USC |
| 2021 | University of Wisconsin Madison, UCSB emLab Roundtable, USC Spatial Sciences, USC Earth Sciences |
| 2020 | Columbia University |
| 2019 | UC Berkeley, Michigan State University, Stanford, University of Chicago, UC Riverside. |
| 2018 | Center for Growth and Opportunity at Utah State University, University of Texas at Austin, USC Environmental Health Group, World Congress of Environmental and Resource Economics, Cal State Fullerton, University of Washington. |
| 2017 | AEA Meetings, Research on Effective Government: A Workshop on Evaluating Innovative Approaches to Foster Environmental Compliance at the Resources and Conservation Center, NBER Spring Conference in Cambridge (organizer), Arizona State University, ITAM, Banco de México (invited visitorship), Cal State Los Angeles, University of Pittsburgh, Occasional Conference in Environmental Economics (UCSB). |
| 2016 | University of California Davis; University of California Irvine; Yale; AERE 2016; 4th IZA Conference on Labor Market Effects of Environmental Policies, University of Southern California. |
| 2015 | Yale; Princeton (Future of the Children Special Issue); World Bank; NBER Summer Institute (DEV); Claremont McKenna; USC; Wharton UPenn; Columbia University; University of Chicago (Harris School of Public Policy); UCLA; UCSD; Pomona; USC (CESR). |
| 2014 | UCLA (CCPR); UCSD; Columbia University; University of Oklahoma; Inter American Development Bank; CIDE |
| 2013 | AEA Meetings, NBER Spring Institute (EEE), University of Tennessee, CEGA Evidence to Action, Royal Economic Society Meetings (London), TREE Seminar Duke/RTI, University of Michigan, Resources for the Future |
| 2012 | AEA Meetings, Air Pollution and Development Session; Workshop on Environment and Human Capital, Univ. of California, San Diego; Univ. of California, Berkeley, ARE Department; University of Southern California; Claremont Graduate University; SCCAM (Claremont McKenna College); AERE Meetings (Asheville); UCE3 Workshop in Univ. of California, Berkeley; Harvard and MIT Seminar on Environmental Economics; Univ. of California, Santa Barbara, Geography Department, University of British Columbia; Simon Fraser University. |

2011	AERE Conference, Seattle; NBER Summer Institute, Environmental and Energy Economics (EEE); CIDE, Mexico; Univ. of Arizona; National Center for Environmental Economics, EPA
2010	Kennedy School of Government, Harvard University; New York University; Hamilton College
2009	Conference on Empirical Law Studies, USC; NBER Summer Institute (EEE);UCSD; UCSB; Notre Dame University; Tufts University; University of Pennsylvania; Duke University; AREC, Univ. of Maryland; IFPRI; Banco de México
2008	Development Seminar, Univ. of California, Berkeley; Pacific Development Conference 2008, UCSD

Sessions/Conferences Organized

2025	NBER Program Committee for EEE Spring Meeting
2024	AEA Program Committee
2023	NBER/BREAD Program Committee for Development Group Fall Meeting
2018	Co-organizer of INET Workshop: Using Evidence to Inform Economic Policy, Mexico City Hub Launching Initiative Workshop (as part of USC Solutions Lab for a Sustainable and Equitable Future).
2017	NBER Spring EEE Conference in Cambridge, MA (with Christopher Knittel), SoCCAM (member of organizing committee).
2015	Occasional Conference on Environmental Economics (with Christopher Costello), UCSB; Southern California Conference in Applied Microeconomics (SoCCAM) (member of organizing committee).
2013	Workshop on Environmental Economics and Development (Sponsored by EPA), UCSB
2012	AEA Meetings, Air Pollution and Development Session, Chicago; IPA Workshop on Randomized Control Trials in Environmental Economics offered to Instituto Nacional de Ecología in Mexico
2010	Workshop on Environmental Economics and Development (Sponsored by EPA), UCSB
2009	Occasional Conference on Environmental Economics (with Bob Deacon), UCSB

Refereeing:

AEJ Applied, AEJ Policy, American Economic Review, Econometrica, Economic Development and Cultural Change, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Econ., Journal of Business and Economic Statistics, Journal of Demographic Economics, Journal of Development Economics, Journal of Health Economics, Journal of Industrial Economics, Journal of Political Economy, Journal of Population Economics, Journal of Public Economics, Journal of the European Economics Association, Journal of Urban Economics, National Science Foundation, Population and Environment Proceedings of the National Academy of Sciences, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, The B.E. Journal of Economic Analysis & Policy, The Economic Journal, Trimestre Económico, World Bank Working Papers Series, World Development