

Lint Barrage

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Academic Positions:

2019 – present: Assistant Professor of Economics, U.C. Santa Barbara
2015 – 2019: Assistant Professor of Economics and Environmental Studies, Brown University, Department of Economics & Institute at Brown for Environment and Society
2018 – 2019: Visiting Assistant Professor, Energy Policy Institute at the University of Chicago
2013 – 2015: Assistant Professor, University of Maryland, College Park, Department of Agricultural and Resource Economics

Education:

Ph.D. Economics (*with Distinction*), Yale University, May 2013
M. Phil. Economics, Yale University, December 2011
M.A. Economics, Yale University, May 2010
B.A. Economics / Environmental Studies (*both Honors*), University of Chicago, 2007

Affiliations:

Faculty Research Fellow, National Bureau of Economic Research (NBER, 2016 – present)
Affiliate, CESifo Research Network, Energy and Climate Economics (2016 – present)
Member, Ausschuss für Umwelt- und Ressourcenökonomie (AURÖ, 2019 – present)
Faculty Affiliate, Research Improving People’s Lives (RIPL, 2019 – present)
Research Affiliate, Centre for Economic Policy Research, Macroeconomics and Growth (CEPR, 2020 – present)

Publications and Scholarly Activities:

Published and Accepted Materials:

Barrage, Lint (2020) “[The Fiscal Costs of Climate Change](#)” *AEA Papers and Proceedings* 2020, 110: 107–112.
Barrage, Lint (2019) “[The Nobel Memorial Prize for William D. Nordhaus](#)” (Commissioned), *The Scandinavian Journal of Economics*, 121(3): 884-924.
Barrage, Lint (2020) “[Optimal Dynamic Carbon Taxes in a Climate-Economy Model with Distortionary Fiscal Policy](#)” *Review of Economic Studies*, 87(1): 1-39.
Barrage, Lint, Eric Chyn, and Justine Hastings (2020) “[Advertising and Environmental Stewardship: Evidence from the BP Oil Spill](#)” *American Economic Journal: Policy*, 12(1): 33-61. *Featured in* [AEA Research Highlights](#) (2020), [Harvard Business Review](#) (2014)
Barrage, Lint, and Jacob Furst (2019) “[Housing Investment, Sea Level Rise, and Climate Change Beliefs](#)” *Economics Letters*, 177: 105-108.

Barrage, Lint (2018) "[Be Careful What You Calibrate For: Social Discounting in General Equilibrium](#)" *Journal of Public Economics*, 160C: 33-49.

M. Burke, M. Craxton, C.D. Kolstad, C. Onda, H. Allcott, E. Baker, L. Barrage, R. Carson, K. Gillingham, J. Graff-Zivin, M. Greenstone, S. Hallegatte, W.M.Hanemann, G. Heal, S. Hsiang, B. Jones, D.L. Kelly, R. Kopp, M. Kotchen, R. Mendelsohn, K. Meng, G. Metcalf, J. Moreno-Cruz, R. Pindyck, S. Rose, I. Rudik, J. Stock and R. Tol (2016) "[Opportunities for Advances in Climate Change Economics](#)" *Science*, 15 Apr 2016: 352(6283): 292-293.

Barrage, Lint (2014) "[Sensitivity Analysis for Golosov, Hassler, Krusell, and Tsyvinski \(2014\): 'Optimal Taxes on Fossil Fuel in General Equilibrium'](#)" *Supplemental Material, Econometrica*, 82(1): 41-88. [Supplementary Material to: Golosov, Mikhail, John Hassler, Per Krusell, and Aleh Tsyvinski (2014) "Optimal Taxes on Fossil Fuel in General Equilibrium," *Econometrica*, 82(1): 41-88.]

Barrage, Lint and Min Sok Lee (2010): "[A Penny for Your Thoughts: Inducing Truth-Telling in Stated Preference Elicitation](#)" *Economics Letters*, 16: 140-142.

Working Papers:

Acemoglu, Daron, Philippe Aghion, Lint Barrage, and David Hémous (2019) "[Climate Change, Directed Innovation, and Energy Transition: The Long-run Consequences of the Shale Gas Revolution](#)" (2019)

Aldeco, Lorenzo, Lint Barrage, and Matthew Turner (2019) "[Equilibrium Particulate Exposure](#)"

Bakkensen, Laura, and Lint Barrage (2018) "[Flood Risk Belief Heterogeneity and Coastal Home Price Dynamics: Going Under Water?](#)" *NBER WP No. 23854*. [R&R, *Review of Financial Studies*] Featured in the *NBER Digest* (2017), *Pacific Standard* (2018), *Providence Journal* (2019), *VICE News* (2019)

Bakkensen, Laura, and Lint Barrage (2019) "[Climate Shocks, Cyclones, and Economic Growth: Bridging the Micro-Macro Gap](#)" *NBER WP No. 24893*. [R&R, *Economic Journal*]

Barrage, Lint (2018) "[Regulatory Dynamics in U.S. Aviation Safety: Economic Determinants of FAA Behavior](#)" [R&R, *Journal of Regulatory Economics*]

Bakkensen, Laura, and Lint Barrage (2017) "[Climate Change, Cyclone Risks, and Economic Growth: A 'Business Cycles' Approach](#)"

Teaching Innovations:

Barrage, Lint (2016) "[Teaching Environmental Valuation Methods through Real-World Applications: A Travel Cost Method Field Study](#)" [R&R, *Journal of Economic Education*]

Work in Progress:

Barrage, Lint, Ian Chin, Eric Chyn, and Justine Hastings (2019) "[The Impact of Bill Receipt Timing among Low-Income and Aged Households: New Evidence from Administrative Electricity Bill Data](#)" NBER RDRC WP 19-09. *Featured in NBER Bulletin on Retirement and Disability* (2020).

"The Fiscal Costs of Climate Change in the United States"

"Environmental Regulation, Labor Reallocation and Welfare" joint with Maximilian

Book Chapters:

Barrage, Lint (2017) "[Carbon Pricing Policy Design and Revenue Management: Economic Models and Policy Practice](#)" in: "Building a Climate Resilient Economy and Society," eds. K.N. Ninan and Makoto Inoue, Edward Elgar Publishers, Cheltenham, UK.

Research Grants:

International Growth Center Research Grant (£50,000) "Air Pollution Exposure in Spatial Equilibrium," with Matthew Turner, 2018
UTRA Award (\$3,570) "Climate Risks and U.S. Housing Markets," with Jacob Furst, 2018
International Growth Center Research Grant (£30,000) "Determinants of Global Air Pollution Exposure," with Matthew Turner, 2017
IBES Project Development Grant (\$60,000): "Improving Transparency in Environmental Compliance," with Justine Hastings, 2015

Invited Talks and Conference Presentations:

2020: ASSA Annual Meeting; *Scheduled*: Federal Reserve Bank of San Francisco Virtual Seminar on Climate Economics; Federal Reserve Bank of Richmond; ETH Zurich

2019: ASSA Annual Meeting (disc.), UChicago Harris, Cornell University, U. Maryland AREC, Forum on Scenarios for Climate and Societal Futures (U. Denver), Tilburg U., U. of Arizona, AURÖ Jahrestagung, NBER EEE Spring Meeting (disc.), Northeast Workshop on Energy Policy and Environmental Economics (disc.), Society for Economic Dynamics; NBER EEE Summer Institute, University of Southern California; U.C. Berkeley ARE

2018: ASSA Annual Meeting (disc.), SURED (Keynote Address), Society for Economic Dynamics, U.C. Berkeley Climate Economics Workshop, Federal Reserve Board of Governors, University of Connecticut, University of Zurich, UChicago EPIC, Yale University School of Forestry, University of Virginia Darden School of Business, UChicago Harris, U.C. Santa Barbara

2017: ASSA Annual Meeting (disc.), IMF Workshop on Macroeconomic Policy and Income, Mercator Research Institute, IIES Stockholm, U. of Basel, ETH Zurich, IPAG Workshop, Stanford SEEPAC Workshop, UCSB LAEF Climate Economics Workshop, NBER Summer Institute (EEE), Stanford SEEPAC, U.C. Boulder; U.C. Davis, Georgetown, Maryland AREC, U.C. San Diego

2016: Columbia Business School, Yale FES, Columbia SIPA, Colby College, U.C. Berkeley, 20th International Conference on Macroeconomic Analysis and International Finance, Association of Environmental and Resource Economists Summer Meeting, Conference on Sustainable Resource Use and Economic Dynamics, Econometric Society Asia Meetings, NBER Summer Institute (EEE), U. Rhode Island, Arizona State, CESifo Conference on Energy and Climate Economics

2015: London School of Economics Grantham Institute, Iowa State University, U.S. Environmental Protection Agency, George Washington U., ICMAIF, Association of Environmental and Resource Economists Summer Meeting, PERC Workshop on Market Adaptation to Climate Change

2014: University of Calgary, Resources for the Future, 18th International Conference on Macroeconomic Analysis and International Finance, University of Minnesota Heller-Hurwicz

Economics Institute Conference on ‘Developing the Next Generation of Economic Models of Climate Change’, ETH Zurich, Graduate Institute Geneva

2013: Northwestern University Kellogg School of Management, Toulouse School of Economics, University of Maryland AREC, University of British Columbia, Arizona State University, Sciences Po, University of Bern, Institute for International Economic Studies, 20th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) Toulouse, University of Alberta School of Business

2006-2012: Oxford OxCarre, Cowles Foundation Conference on Macroeconomics and Climate Change, Northeast Workshop on Energy Policy and Environmental Economics, ASSA Annual Meeting 2011 (disc.), EAERE 2008, International Workshop on Legal Issues for Clean Energy and Climate Change, Tsinghua University, Beijing (2006)

Fellowships, Honors and Awards:

Brown University Wriston Fellowship (‘excellence in teaching and scholarship’) (2017-18), George Trimis Dissertation Prize (2013) Yale University Cowles Foundation Fellowship, (2008 –2012), Student Marshal, University of Chicago (2006), Phi Beta Kappa (2006)

Referee Activity:

American Economic Review, Review of Economic Studies, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Dynamics, Journal of Economic Theory, American Economic Journal: Macroeconomics, American Economic Journal: Policy, American Economic Journal: Applied, Macroeconomic Dynamics, Economic Journal, Journal of Public Economics, Journal of Environmental Economics and Management, International Journal of Industrial Organization, Environmental and Resource Economics, Journal of Economic Growth, Journal of Economics & Management Strategy, Economic Inquiry, Journal of Economic Dynamics and Control, Journal of Urban Economics, International Economic Review, Energy Economics, Journal of Economic Behavior and Organization, Journal of Development Economics, Climatic Change, American Economic Review – Insights, Proceedings of the National Academy of Sciences

Editorial Council, Journal of the Association of Environmental and Resource Economists

Teaching:

Ph.D. Level:

AEA Continuing Education, “Climate Change Economics”, January 2020

Berkeley Summer School in Environmental and Energy Economics, August 2018

University of Maryland:

‘General Equilibrium’ section of “Microeconomic Applications in Agricultural and Resource Markets,” Spring 2015

“Environmental Taxation and Regulation,” Spring 2014

Undergraduate Level:

Brown University:

Environmental Economics and Policy, Fall 2015, 2016, Spring 2018

Intermediate Microeconomics, Fall 2016, Spring 2018

University of Maryland:

Econometric Applications in Agricultural and Natural Resource Economics, Fall 2014
Intermediate Applied Microeconomics, Fall 2014

Ph.D. Advising (Dissertation Committee Member unless otherwise noted):

Woongchan Jeon (2019 – present); Gregory Casey (2016 – 2018); Zhou, Christy (Yichen) (Spring 2014-2016); Cerruti, Davide (Spring 2014-2016); Taylor, Michael H. (2014); Wichman, Casey (2014-2015)

Professional Service and Activities:

Program Committee Member: Society for Economic Dynamics 2018, 2019; Northeast Workshop on Energy Policy and Environmental Economics 2019

Panelist Speaker and organizing committee member of “America’s Climate Change Future” workshop with U.S. Senator Sheldon Whitehouse and Brown University, Providence, RI, February 2019

Panelist Speaker representing RIPL to U.S. Commission on Evidence-Based Policy, Second Public Hearing, Chicago, IL, January 5, 2017

Panelist Speaker: “Opportunities in Sustainable Investing”, Brown Financial Symposium, New York City, NY, April 2016

Climate Science Day 2014: Served as delegate on multi-disciplinary teams meeting with U.S. congressional offices and committee staff. Organizing host: Council on Food, Agricultural, and Resource Economics (C-FARE). January 2014

Independent Consultant to U.S. National Research Council “Committee on the Effects of Provisions in the Internal Revenue Code on Greenhouse Gas Emissions” 2011-2012