

Brigitte Roth Tran

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www.RothTran.com

Positions

Federal Reserve Bank of San Francisco, Economic Research

Senior Economist, 2023 –

Economist, 2021 – 2023

Board of Governors of the Federal Reserve System, Division of Research and Statistics

Senior Economist, 2019 – 2021

Economist, 2016 – 2019

University of California at San Diego

Instructor of Record, Economics Department, 2014

Teaching Assistant, 2013 – 2016

David and Lucile Packard Foundation

Consultant, 2007 – 2008

Legal and Investment Associate, 2005 – 2007

Analysis Group

Analyst, 2004 – 2005

The Capital Group Companies

TAP Associate (Rotational Program), 2001 – 2004

California Institute of Technology, Undergraduate Admissions

Admissions Counselor, 2000 – 2001

Education

Ph.D., Economics, University of California at San Diego, 2016

M.A., Economics, University of California at San Diego, 2010

B.S., Economics (cum laude), California Institute of Technology, 1999

Research Fields

Applied Microeconomics, Finance, Environmental Economics

Peer Review Publications

“Canary in the Coal Decline: Appalachian Household Finance and the Transition from Fossil Fuels” (with Joshua Blonz and Erin Troland), [FRBSF Working paper 2023-09](#), [NBER Working paper 31072](#)

Accepted at *Journal of Financial Economics*

“The Local Economic Impact of Natural Disasters” (with Daniel J. Wilson), [Journal of the Association of Environmental and Resource Economists](#), 2025, 23(6): 1667 – 1704, <https://doi.org/10.1086/735533>.

“Pricing Poseidon: Extreme Weather Uncertainty and Firm Return Dynamics” (with Mathias Kruttli and Sumudu W. Watugala), [Journal of Finance](#), 2025, <https://doi.org/10.1111/jofi.13416>.

“Sellin’ in the Rain: Weather, Climate, and Retail Sales”, [Management Science](#), 2023, 69(12):7423-7447.

“Divest, Disregard, or Double Down? Philanthropic Investments in Objectionable Firms” in [*American Economic Review: Insights*, 2019, Vol. 1, No. 2, 241-256.](#)

“Discounting Behavior and Environmental Decisions” (with Richard T. Carson), in *Journal of Neuroscience, Psychology, and Economics*, 2009, Vol. 2, No. 2, 112-130.

Working Papers

“Flooding the Market? How Hurricanes Impact Home Listings” (with Brian Seok)

Other Publications and Reports

“Industry Decline and Household Finances” with Blonz, Siegel, Troland, and Zhao, FRBSF Economic Letter No. 2025-21, Available at <https://www.frbsf.org/research-and-insights/publications/economic-letter/2025/09/industry-decline-and-household-finances/>

“Extreme Weather and Financial Market Uncertainty” with Kmetz, Kruttli, Watugala, and Yan, FRBSF Economic Letter No. 2024-01, Available at <https://www.frbsf.org/research-and-insights/publications/economic-letter/2024/01/extreme-weather-and-financial-market-uncertainty>

“The Impact of Weather on Retail Sales” *FRBSF Economic Letter* No. 2022-23, Available at <https://www.frbsf.org/economic-research/publications/economic-letter/2022/august/impact-of-weather-on-retail-sales/>

“Spatial Variation in the 2020 Housing Market Decline and Recovery” (with Nathan Ausubel), *FEDS Notes* No. 2021-05-24-2, Available at <http://dx.doi.org/10.17016/2380-7172.2905>

Selected Presentations and Workshops

Department seminars

UC Santa Cruz Economics Department Seminar
University of Missouri Economics Department Seminar
University of Pennsylvania Energy Economics and Finance seminar
UC Davis joint Economics/ARE EEE seminar
University of San Francisco
Santa Clara University Economics Department
Cornell University Applied Economics and Policy Seminar
Federal Reserve Bank of New York
Federal Reserve Bank of San Francisco
UC San Diego Environmental and Resource Economics Seminar
NOAA Southwest Fisheries Science Center
UC Santa Barbara
Resources for the Future
Caltech (policy series hosted by the Caltech Y)

Workshops and conferences

NBER Summer Institute: Urban Economics
Stanford Institute of Theoretical Economics (SITE) Workshop
Association of Environmental and Resource Economists (AERE) Summer Conference

NBER Distributional Consequences of New Energy Technologies
Northeast Workshop on Energy Policy and Environmental Econ at Harvard Kennedy School
International Monetary Fund (IMF) Jacques Polak Annual Research Conference
Heartland Environmental and Resource Economics Workshop at Illinois (Urbana-Champaign, IL)
Association for Public Policy Analysis and Management (APPAM)
Federal Reserve Bank of Richmond Climate Economics Virtual Conference
National Oceanographic and Atmospheric Administration (NOAA) OneScience Seminar
Western Economic Association International (WEAI) Annual Conference

Guest Lectures

2023 Scripps Institution of Oceanography Masters of Advanced Studies Summer Course, guest lecture on discounting

Grants, Fellowships, and Awards

** Ineligible for financial support from grants while employed in the Federal Reserve System*

2015 Teaching Assistant Excellence Award, UCSD
2010-2012 NSF IGERT Fellowship, at Center for Marine Biodiversity and Conservation at Scripps Institution of Oceanography
2008-2015 San Diego Fellowship, UCSD
2009 Graduate Student Research Fellowship, UCSD
1999-2000 Thomas J. Watson Fellowship

Selected Other Professional Activities

Referee service: *Review of Economic Studies, Review of Financial Studies, Review of Economics and Statistics, Journal of Political Economy Microeconomics, American Economic Journal: Economic Policy, Journal of Public Economics, Journal of Association of Environmental and Resource Economists; Journal of Environmental Economics and Management; Journal of Corporate Finance; Management Science; Journal of Housing Economics; Regional Science and Urban Economics; Journal of Real Estate Finance and Economics; Journal of Financial Stability; Journal of Risk and Insurance*

Discussant service: ASSAs, WEAI, UC Santa Barbara Occasional Workshop, Stanford conference on *Preparing for a Changing Climate*

Selected Media Coverage of Research

“Divest, Disregard or Double Down? Philanthropic Endowment Investments in Objectionable Firms” – [Wall Street Journal](#), [Forbes](#), [The Economist](#)

“Canary in the Coal Decline: Appalachian Household Finance and the Transition from Fossil Fuels” – [Energy Institute Blog](#)

“The Local Economic Impact of Natural Disasters” – [Wall Street Journal](#)

“Pricing Poseidon: Extreme Weather Uncertainty and Firm Return Dynamics” – [The Environmental Forum](#)

“Sellin’ in the Rain: Weather, Climate, and Retail Sales” – [Bloomberg](#), [CBS News](#), [Inverse](#), [Sustainability Times](#)