

Sean McCulloch

CONTACT INFORMATION

70 Waterman Street
Department of Economics
Brown University
Providence, RI 02906 USA

E-mail: sean_mcculloch@brown.edu
Website: www.seanmcculloch.com

RESEARCH INTERESTS

Urban economics/real estate, applied econometrics, industrial organization

EDUCATION

Brown University, Providence, Rhode Island USA

PhD, Economics, expected May 2027

MA, Economics, May 2022

Cornell University, Ithaca, New York USA

BA, Economics and Mathematics, *magna cum laude*, May 2019

ACADEMIC SUPERVISORS

Matthew Turner
Brown University

matthew_turner@brown.edu

Jonathan Roth
Brown University

jonathan_roth@brown.edu

Peter Hull
Brown University

peter_hull@brown.edu

Joseph Gyourko
University of Pennsylvania

gyourko@wharton.upenn.edu

PLACEMENT DIRECTOR

Toru Kitagawa
Brown University

toru_kitagawa@brown.edu

JMP

[“Valuing Neighborhood Amenities with Continuous Spatial Difference-in-Differences”](#)

Presented at the 2026 NBER Summer Institute in Real Estate

Honorable mention for best student paper, 2025 North American UEA meeting

WORKING PAPERS

[“The Distaste for Housing Density”](#) with Joseph Gyourko. NBER Working Paper No. 31710 (subsumes [NBER Working Paper No. 31710](#))

[“Sewers and Urbanization in the Developing World”](#) with Toru Kitagawa, Matthew Schaelling, and Matthew Turner. NBER Working Paper No. 33597

“The Local Price Effects from Upzoning: Evidence from Major West Coast Cities” (draft available upon request)

WORKS IN PROGRESS

“Rent Control and Housing Quality”

“Identifying the Treatment Effect Derivative from Difference-in-Differences”

HONORS AND AWARDS

Population Studies and Training Center Interdisciplinary Fellowship, 2026 to 2027

Joukowsky Summer Research Award, Summer 2026

Merit Dissertation Fellowship, Spring 2026

	Department Travel Fellowship (visited Wharton Real Estate), Fall 2025 Joukowsky Summer Research Award, Summer 2025 Population Studies and Training Center NICHD T32 Fellowship, 2024 to 2025 Abramson Teaching Prize, 2022-2023 academic year Economic Policy Analysis Thesis Award (Cornell), 2019
GRANTS	<i>International Growth Centre</i>, 2023, 19,700 GBP, Sewers and Slums in Developing World Cities (with Matthew Turner and Matthew Schaelling) <i>International Growth Centre</i>, 2023, 41,000 GBP, The Effect of Sewer Extension on Brazilian Cities (with Matthew Turner)
EXTERNAL PRESENTATIONS (EXCLUDING COAUTHORS)	2027 (scheduled): AREUEA-ASSA 2026 (scheduled): APPAM; Midwest Econometrics Group; UEA North American Meeting (Discus-sant) 2026: NBER Summer Institute Real Estate; Rocky Mountain Urban and Real Estate Conference; Warwick PhD Conference 2025: NARSC; UEA North American Meeting; NBER Summer Institute Urban; UEA Summer School; AERE Summer Conference; UEA European Meeting; AREUEA-ASSA Doctoral Poster Ses-sion 2024: UEA North American Meeting
TEACHING EXPERIENCE	Brown University, Providence, Rhode Island USA Econ 1630 Mathematical Econometrics, TA for Jonathan Roth, Spring 2023. Econ 1385 Intergenerational Poverty, TA for Anna Aizer, Fall 2022. <i>Received the Abramson Teaching Prize for 2022–2023.</i>
SERVICE	Referee for <i>American Economic Journal: Applied Economics, Review of Economics and Statistics</i> Vice president, Brown Economics Graduate Student Association, Spring 2023 to Spring 2024
PRIOR RESEARCH EXPERIENCE	University of Pennsylvania, Philadelphia, Pennsylvania USA <i>Research assistant to Joseph Gyourko and Todd Sinai</i> June, 2019 - June 2021
SOFTWARE	INFLATE. Stata package to inflate time series to real dollars. Available on the Boston College Statistical Software Components archive (SSC).
OTHER	Citizenship: USA