

Xiangtao (Jeremy) Meng

(650) 787-6157 | ximeng@ucdavis.edu | linkedin.com/in/jxtmeng7887 | sites.google.com/view/jeremymeng/

EDUCATION

University of California, Davis | Davis, USA

September 2018–June 2025 (expected)

Ph.D. in Economics,

- Awarded Dean's Summer Research Grant for data acquisition from Morningstar.

University of British Columbia | Vancouver, Canada

September 2016–September 2017

M.A. in Economics

Queen's University | Kingston, Canada

September 2012–May 2016

B.A. (Hons) in Economics

- Undergraduate Summer Research Fellowship, Edith Whyte Memorial Scholarship in Economics, Don Wood Undergraduate Scholarship in Economics, Dean's Special Award

SKILLS

Programming Languages: R, Matlab, Stata, Julia

Methods: Fitting bond yield curves, Program evaluations (difference-in-differences, regression discontinuity, event studies, and instrumental variables), Autoregressive Integrated Moving Average models, Structural Vector Autoregressive models.

WORK EXPERIENCE

Teaching Assistant

University of California, Davis

October 2018–present

- TA for core economics and finance elective courses; achieved a 4.5/5.0 rating for teaching effectiveness, surpassing the departmental average of 4.1.

Research Assistant for Professors Ian Keay and Taylor Jaworski

Queen's University

March 2015–June 2016

- Compiled and validated Canada's import data from 1890 to 1900 by manually transcribing government publications, analyzing summary statistics to ensure accuracy, and creating the most detailed historical Canadian trade dataset.
- Corrected errors in a digitized dataset on U.S. spending contracts during WWII and summarized both the aggregate and spatial patterns of the spending.

RESEARCH PROJECTS

Benchmarking and sovereign risk

- Showed that the inclusion of an emerging-market country's local-currency sovereign bonds in global bond indices insulates bond prices from the transmission of shocks.
- Introduced a novel classification of mutual funds based on their performance benchmarks and validated this approach by analyzing over 150,000 public portfolio holding reports from U.S. mutual funds.
- Constructed a sample of global mutual fund portfolios using data from Morningstar and analyzed the impact of global risk factors on bond prices through a bond-level panel local-projection model.
- Developed an equilibrium sovereign debt default model with new elements, including creditor performance benchmarks tied to global bond indices.
- Calibrated parameters by matching moments, confirming empirical predictions and revealing that a country's index status is more potent in transmitting output shocks than exchange rate shocks.

Could tariffs provide a stimulus? Simple analytics of tariffs and the macro economy

- Showed that tariffs can substitute for monetary policy to stimulate the economy when conventional monetary policy is inactive, such as at the zero lower bound or under a pegged exchange rate regime.
- Analytically solved open-economy New Keynesian models for both small and large economies, revealing the surprising finding that tariffs may improve foreign output under certain input-output structures.

Tariff pass-through: from the dock to the store

- Developed and simulated a DSGE model to replicate the short-run differential impacts of Trump's tariffs on importers and consumers.

Fiscal spending and growth: New evidence from post-WWI U.S.

- Developed a novel shift-share instrument to show that spending during WWI promoted post-war growth.
- Assembled a novel government spending dataset by digitizing over 10,000 contracts from historical newspapers.