Arman Khachiyan

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FIELDS
Labor Economics, Remote Sensing, Causal Identification, Public Policy

EDUCATION
University of California San Diego, La Jolla, California

Ph.D. Candidate, Economics, August 2016-June 2021 (expected)
- Advisors: Gordon Dahl, Gordon Hanson

University of California Berkeley, Berkeley, California

B.A., Economics, Minor in Public Policy, May 2013
- Semester abroad at Sciences Po University, Paris, Spring 2012

TEACHING
EXPERIENCE
University of California San Diego, La Jolla, California

Teaching Assistant: Econometrics (120B, WI '18, WI '19), Education (147, FA '18), Labor (139, SP '18), Public (134, SP '19), Graduate Labor Methods (250, FA '18, FA '19)

Reader: Labor (139, SP '17), Princ. of Micro (1, FA '16), Micro A (100A, WI '17)

HONORS AND
AWARDS
Russell Sage Foundation Project Grant for Computational Social Sciences (2019-2020)
UCSD: First-year Fellowship, Summer Research Fellowship, Candidacy Fellowship
UC Berkeley: graduated with Highest Honors, Gilman Scholarship, Pedrozzi Scholarship

RESEARCH IN
PROGRESS
Tracking Local Treatment Effects of Hydraulic Fracturing via Daytime Satellite Imagery. Joint with: Luke Sanford, Anthony Thomas

Measuring Local Area Income Using Neural Networks Trained on Satellite Imagery. Joint with: Gordon Hanson, Alex Cloninger, Luke Sanford, Anthony Thomas

Occupational Skill Portability: How Mobility Patterns Can Enhance Existing Skills Data.

The Impacts of Clustered Attrition on Remaining Team Member Retention and Performance. Joint with: Don Gray, Jacob LaRiviere

Disentangling Multi-dimensional Treatments Effect of Major Hurricanes Impacting the US Gulf Coast. Joint with: Gordon Hanson, Susanne Benz, Ran Goldblatt

COMPLETED
PROJECTS
Changing Patterns in Informal Work Participation in the United States 2013-2015. Federal Reserve Bank of Boston Current Policy Perspectives No 15-10. Joint with: Mary Burke, Anat Bracha

Isolating the School Quality Premium on House Prices. Undergraduate Honors Thesis.

Rhode Island in the Great Recession: Factors Contributing to its Sharp Downturn and Slow Recovery. Federal Reserve Bank of Boston Policy Memo. Joint with: Mary Burke

CONFERENCE PRESENTATIONS	Empirical Studies of Conflict (May 2019)
	UCSD Seminars: Applied Lunch, Omni-Methods Group, Graduate Student Research Seminar, Political Science Panel on Remote Sensing, Global Policy and Strategy Workshop on Remote Sensing

PROFESSIONAL EXPERIENCE

Microsoft, Redmond, Washington   **Summer 2019**
Research Intern

Federal Reserve Bank of Boston, Boston, Massachusetts   **July 2013 - July 2016**
Senior Research Assistant

US Bureau of Labor Statistics, San Francisco, California   **July 2012 - May 2013**
Economic Analysis Intern

COMPUTER SKILLS   Stata, LaTeX, ArcGIS, Python, R, SQL, z-Tree