

ADRIANA L. HERNÁNDEZ CASTAÑEDA

Economist • Demographer • Labor, Migration & Gender

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PROFILE

Bilingual (native Spanish/English) economist and demographer with 7+ years turning survey microdata and administrative records into policy analysis: demographic estimates supporting New York State agencies, statewide labor-market research at the UC Berkeley Labor Center, and peer-reviewed migration research. Specialty: spatial analysis of labor markets, migration, and gender, combining complex-survey estimation with GIS mapping (Stata • ArcGIS/QGIS).

CORE SKILLS

- **Analysis:** econometrics; complex-survey estimation (weights, replicate designs); demographic methods (population estimates and projections, headship rates); spatial and geographic analysis
- **Tools:** Stata (primary), SQL (working knowledge), SPSS, ArcGIS, QGIS, MAXQDA, LaTeX, Microsoft Office
- **Data:** ACS/IPUMS microdata, US Census Bureau population estimates, state administrative records, survey data collection and coding
- **Languages:** Spanish (native), English (native)

EXPERIENCE

UC Berkeley Labor Center • Graduate Student Researcher, Low-Wage Work Program Aug 2022 – Aug 2023

- Co-authored *Civil Service Vacancies in California: 2022–2023* (Dec 2023), the Labor Center’s statewide study of public-sector job vacancies across occupations, wage levels, and educational requirements, with policy recommendations on recruitment and retention

Cornell University, Program on Applied Demographics • Research Support Specialist Jun 2018 – Jul 2021

- Produced demographic analysis supporting New York State’s official population-estimates program, used by state agencies and in the US Census Bureau estimates review process
- Authored policy memos: *Headship Rates and Household Formation in New York State, 2012–2017* (2019) and *Effect of the Vintage 2018 Population Estimates Revisions* (2019)
- Co-presented the Participant Statistical Areas Program update to the New York State Data Center and NYS Department of Labor (2019)
- Wrote *The New York Minute*, bi-monthly research briefs on community and economic development for state and local stakeholders

University of California, Davis • PhD Researcher, Department of Sociology Sep 2021 – present

- Doctoral research on labor markets, migration, and gender across the US and Mexico, combining survey microdata with spatial demography
- 2025: Fulbright García Robles finalist • UC Davis Global Grad Grant • Hemispheric Institute on the Americas Summer Fellowship • selected participant, UW–Madison Institute for Research on Poverty graduate workshop

SELECTED PUBLICATIONS

- Hernández Castañeda, A., & Sorensen, T. A. (2019). Changing sex-ratios among immigrant communities in the USA. *Journal of Economics, Race, and Policy*, 2, 20–42. Also circulated as IZA Discussion Paper No. 11836
- Hunter, S., Hinkley, S., Hernandez Castaneda, A., & Lopezlira, E. (2023). *Civil Service Vacancies in California: 2022–2023*. UC Berkeley Labor Center
- Full list of publications and research memos: adrianahc.com/research.html

EDUCATION

University of California, Davis • PhD Candidate, Sociology 2021 – present

University of Nevada, Reno • MS, Economics 2018

Sonoma State University • BA, Economics • study abroad: Pontificia Universidad Católica de Chile (2013) 2014