

Andrew J. Padovani

Email: ajpadovani@ucdavis.edu

Web: www.andrewjpadovani.com

Phone: (209) 221-5613

Contact Information

University of California, Davis
Center for Healthcare and Policy Research
4900 Broadway, Ste 1760
Sacramento, CA 95820

Employment

- Senior Statistician, Center for Healthcare Policy and Research, UC Davis 2019-Present
Duties: Provide technical expertise on research methods, design observational and RCT studies, statistical analysis, database management, statistical programming, writing reports and publications. Lead quantitative researcher on CalSEALS SB-82 Triage Adult & TAY evaluation: Lead team of 3 researchers, collaborate with grantees and contractor, design surveys, analyze survey data, report writing. Built collaborative networks with staff in more than a dozen CA counties to gain buy-in on the importance of evaluation projects for the purposes of collecting detailed mental health services data from county electronic health records. Work with large, complex datasets such as Medicare Short-Doyle claims, medical claims data from OptumLabs, Decennial Census and American Community survey, National Health Interview Survey. Provide design survey instruments, oversee survey collection, and analyze data for multiple projects of varying complexity. Also assists and provides research method expertise to faculty on grant proposals seeking NIH and State of California funding.
- Graduate Student Researcher, Giovanni Peri, UC Davis 2015-2018
Duties: Collaborate with Dr. Peri and co-authors on data collection, database cleaning, and analysis. Datasets: Decennial Census, American community survey, European Social Survey, EuroStat regional industry data. Managed survey design, survey collection, data analysis, and report writing for the Napa Valley Wages and Benefits Survey under the supervision of Dr. Peri and Napa Grapegrowers Association.
- Graduate Student Researcher, Ann Stevens, UC Davis 2014 and 2017
Duties: Designed a novel dataset based on Current Population Survey under supervision of Drs. Stevens and Page. Under supervision of Dr. Steven: managed, designed, and analyzed a novel dataset using administrative data from the California Community Colleges Chancellors Office including student sociodemographics, courses, and grades from all 116 campuses. Due to highly sensitive HIPAA data, obtained certification for human subjects research in social and behavioral sciences.
- Visiting Lecturer, University of the Pacific, Stockton, CA 2015
Duties: Taught introductory macroeconomics course as solo instructor. Designed course and developed course materials. Assigned grades.
- Graduate Student Researcher, Marianne Page, UC Davis 2014
Designed a novel dataset based on Current Population Survey for research under supervision of Drs. Stevens and Page.
- Teaching Assistant, UC Davis 2013-2019
Duties: Teach one class section per week, hold weekly office hours to supervise and advise student work, grade student work
- Research Associate, Center for Business and Policy Research, University of the Pacific 2009-2012
Duties: Managed California Economic Forecast and Report under supervision of center director Dr. Jeffrey Michael. Led design, data collection, data analysis, and writing of the Regional Analyst quarterly publication, distributed to more than 500 business, community, and policy leaders throughout San Joaquin County. Collaborated with San Joaquin Council of Governments on data analysis for Transportation and Housing developments plans.

Education

- 2020 PhD, Economics, University of California, Davis; Davis, CA
Dissertation: *Essays on Regional Economics, Skills, and Inequality*
Committee: Giovanni Peri (Chair), Marianne Page, Katherine Eriksson
- 2008 BS, Economics (Mathematics, minor), University of the Pacific, Stockton, CA

Research Interests

Primary Fields: Labor economics, Health economics
Secondary Fields: Causal inference, Migration

Current Affiliations: Center for Healthcare Policy and Research, UC Davis-Health; Behavioral Health Center of Excellence, UC Davis-Health

Publications

- “Frontline Physician Burnout During the COVID-19 Pandemic: National Survey Findings,” Melnikow J, **Padovani A**, Miller M. BMC Health Service Research, March 2022.
- “Lung Ultrasound Findings Compared with Chest X-Ray Findings in Known Pulmonary Tuberculosis Patients: A Cross-Sectional Study in Lima, Peru,” Fentress M, Ugarte-Gil C, Cervantes M, Rivas D, Moore D, Caliguiri P, Bergman K, Noazin S, **Padovani A**, Gilman R. *The American Journal of Tropical Medicine and Hygiene*, August 2020.
- “The care and keeping of clinicians in quality improvement,” Shaikh U, Lachman, P, **Padovani A**, McCarthy A. *International Journal for Quality in Health Care*, August 2020.
- "EEA Immigration Symposium Introduction," **Padovani A**, Bansak C. Eastern Economic Journal, January 2020.

Submitted/Under revision

- *Protocol-Driven Initiation and Weaning of High Flow Nasal Cannula for Patients with Bronchiolitis: A Quality Improvement Initiative* (with Huang, Adams, Kamerman-Kretzner, Lakshminrusimha, Hamline, Siefkes) revise & resubmit, 2022
- *Safety of Targeting Lower Oxygen Saturation Goal (90-95%) in Bronchiolitis* (with Huang, Adams, Kamerman-Kretzner, Lakshminrusimha, Hamline, Siefkes) submitted to a journal, 2022
- *Achieving Weight Loss Through a Community-based Telewellness Program: A Randomized Controlled Trial* (with Backman, Kohatsu, Dao, Ritley, Fleuret, and McCracken), submitted to a journal, 2022

Current and Ongoing Research

- *Immigrants and the Great Divergence*, sole author
- *Stuck in the Middle with You: Structural Change and the Wage Distribution* with Joseph Kopecky
- *On a Mission from God: The Long-run Effects of Spanish Missions in California*, sole author
- *A comparison of Bedside and Telemedicine Evaluation of the Neonate* with Weber, Sohn, Sauers-Ford, Blacher, Tancredi, Marcin, and Hoffman.
- *Impact of a Sedation Protocol on the Care of Patients in the Pediatric Intensive Care Unit* with Aghamohammadi, Hall, and Marcin
- *Assessing Clinician Comfort with Technology via Survey in a Mental Health Clinical Setting* with Ereshefsky, Tully, and Niendam
- *Assessing the Management and Outcomes of Neck Pain with and without Headache* with Romano, Fenton, Hoch, Fang, and Ray
- *Physicians' Strategies for Addressing COVID Vaccine Misinformation During Clinical Encounters* with Melnikow, Miller, and Zhang

Contract Reports and Evaluations

- *2016 Napa Valley Wages and Benefits Survey Report* with Giovanni Peri, 2017
- *2017 Napa Valley Wages and Benefits Survey Report* with Giovanni Peri, 2018
- *2018 Napa Valley Wages and Benefits Survey Report* with Giovanni Peri, 2019
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Draft Summative Evaluation Plan*, lead author, with Savill, Matthews, Tancredi, Mouzoon, Vismara, Gosdin, Herevia, Niendam, Carter, and Melnikow, 2019
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Draft Formative Evaluation Plan*, second author, with Savill, Matthews, Tancredi, Mouzoon, Vismara, Gosdin, Herevia, Niendam, Carter, and Melnikow, 2020
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Data Collection and Management Plan*, lead author, with Savill, Mouzoon, Matthews, Bonilla, Gosdin, Niendam, Carter, and Melnikow, 2020
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Final Summative Evaluation Plan*, lead author, with Savill, Mouzoon, Matthews, Bonilla, Gosdin, Niendam, Carter, and Melnikow, 2020
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Data Collection for Formative Evaluation Plan Progress*, lead author, with Savill, Mouzoon, Matthews, Bonilla, Gosdin, Herevia, Niendam, Carter, and Melnikow, 2021-Present
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Formative Evaluation Plan Implementation and Preliminary Findings Report*, second author, with Savill, Mouzoon, Matthews, Bonilla, Gosdin, Herevia, Niendam, Carter, and Melnikow, 2021-present
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Midpoint Progress Report on Formative Evaluation*, second author, with Savill, Mouzoon, Matthews, Bonilla, Gosdin, Niendam, Carter, and Melnikow. 2021
- *California State Evaluation and Learning Support (Cal SEALS) for SB-82 Triage Grants: Statewide Conference Workplan*, with Carter, Melnikow, Mouzoon, Herevia, Bonilla, Savill, Gosdin, Matthews, Niendam, Zima, Ijadi-Maghsoodi, O'Malley, Tascione, Montero, Wells, LeMasson. 2021-present

- *The San Joaquin County Homeward Bound Initiative: Evaluation Data Analysis Plan*, with Savill, Matthews, Herevia, Shim, Melnikow. 2019
- *The San Joaquin County Homeward Bound Initiative: Evaluation Progress Report Summary of Adjustments*, with Savill, Matthews, Herevia, Shim, Melnikow. 2020
- *The San Joaquin County Homeward Bound Initiative: Year 3 Evaluation Report*, with Savill, Matthews, Herevia, Shim, Melnikow. 2020
- *The San Joaquin County Homeward Bound Initiative: Year 4 Evaluation Report*, with Savill, Matthews, Herevia, Shim, Melnikow. 2021
- *The San Joaquin County Homeward Bound Initiative: California Board of State and Community Corrections Formative and Outcomes Evaluation Final Report*, with Savill, Matthews, Herevia, Shim, Melnikow. 2021
- *Learning Health Care Network Statewide Evaluation: Findings on Cost and Utilization from Preliminary Multi-County Integrated Evaluation* with Loewy, Kado, Moran, Blay, Carlson, Loureiro, Gilmer, Melnikow, Niendam. 2022

Other Articles

- *Housing Needs & Trends in San Joaquin County*, Regional Analyst, March 2012
- *San Joaquin County Commuting*, Regional Analyst, October 2011
- *San Joaquin County Population Projection*, Regional Analyst, June 2011
- *Rental Housing in San Joaquin County*, Regional Analyst, April 2011
- *San Joaquin County Income: Results from the American Community Survey*, Regional Analyst, March 2011
- *Economic Impact of Nonprofit Arts*, Regional Analyst, November 2010
- *San Joaquin County Population Projection*, Regional Analyst, June 2010
- *Delinquencies, Defaults, and Foreclosures: Understanding the San Joaquin County Housing Market*, Regional Analyst, May 2010
- *Health Care in San Joaquin County*, Regional Analyst, February 2010
- *Education in San Joaquin County*, Regional Analyst, November 2009
- *San Joaquin County Population Forecast*, Regional Analyst, August 2009
- *San Joaquin County Employment Landscape*, Regional Analyst, June 2009

Data Analysis and Programming

Data Analysis Software: STATA, ArcGIS, R, Mathematica

Databases: SQL

Presentations

- 2019 Eastern Economic Association (session chair and organizer): *U.S. Immigration: Policy and Internal Displacement*; Eastern Economic Association (session organizer): *Migration and Well-Being: Assimilation, Naturalization, and Money Transfers*
- 2018 Eastern Economic Association (presenter, discussant); UC Davis Economics Alumni Conference (poster); Western Economic Association International (presenter, discussant); UC Davis Economics Brown Bag Seminar (presenter)
- 2017 UC Davis MRC/Gifford Graduate Student Workshop (presenter)
- 2015 UC Davis Economics Brown Bag Seminar (presenter)
- 2012 San Joaquin County Demographics & Economic Symposium – San Joaquin Council of Governments
- 2009 Western Economic Association International (presenter, discussant)

Professional Service

Department:

Treasurer, Graduate Student Association-Economics, UC Davis, 2014

University:

Council member, Staff Advisory Council, University of the Pacific, 2010-2012

Professional Associations:

Co-organizer, Symposium on Immigration Research, 54th Annual Conference of the Eastern Economic Association, 2019 with Cynthia Bansak

Guest Editor, Special Issue: EEA Immigration Symposium, Eastern Economic Journal, 2020 with Cynthia Bansak

Journals:

Referee, Regional Science and Urban Economics (RSUE)

Referee, Eastern Economic Journal (EEJ)

Scholarships and Awards

2018 UC Davis Economics Job Market Fellowship
2018 UC Davis Economics Department Research Support Award
2018 Gifford Center for Population Studies Graduate Student Travel Award
2017 MRC/Gifford Center for Population Studies Graduate Student Award
2004 National Youth Leadership Forum on Technology (NYLF/T)–Team Leader
2004 NYLF/T - Best Overall Technology Solution (Silver)
2004 NTLF/T - Most Innovative Technology Solution (Gold)
2004 Bank of America Leadership in Technology Award

Teaching

Visiting Lecturer, University of the Pacific:

ECON 55 Introductory Macroeconomics

Teaching Assistant, UC Davis:

ECN 101 Macroeconomic Theory; ECN 111B Economic History; ECN 131 Public Finance; ECN 135 Money, Banking, and Financial Markets; ECN 151A Labor Economics; ECN 152 Economics of Education; ECN 160B International Macroeconomics

References: Giovanni Peri (gperi@ucdavis.edu), Daniel Tancredi (djtancredi@ucdavis.edu, 530-574-4273), Joy Melnikow (jamelnikow@ucdavis.edu)