

Zachariah J. Rutledge

Ph.D. Candidate

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Education

Ph.D., Agricultural and Resource Economics, University of California, Davis, Expected 2021

Dissertation Title: The Impacts of Immigrant-Induced Shifts in the Low-Skilled Labor Supply in the United States

Committee: Pierre Mérel (chair), J. Edward Taylor, and Giovanni Peri

M.S., Agricultural and Resource Economics, University of California, Davis, 2016

B.A., Economics, University of California, Davis, 2015 (with highest honors)

Peer-Reviewed Publications

Charlton, Diane, J. Edward Taylor, Stavros Vougioukas, and Zachariah Rutledge. (2019). “Can Wages Rise Quickly Enough to Keep Workers in the Fields?” *Choices*, 34(2). <http://www.choicesmagazine.org/choices-magazine/submitted-articles/can-wages-rise-quickly-enough-to-keep-workers-in-the-fields>.

Charlton, Diane, J. Edward Taylor, Stavros Vougioukas, and Zachariah Rutledge. (2019). “Innovations for a Shrinking Agricultural Workforce.” *Choices*, 34(2). <http://www.choicesmagazine.org/choices-magazine/submitted-articles/innovations-for-a-shrinking-agricultural-workforce>.

Book Chapters

Rutledge, Zachariah and J. Edward Taylor. “Economic and Societal Aspects.” Chapter in *Advanced Automation for Tree Fruit Orchards and Vineyards* (forthcoming).

Other Publications

Rutledge, Zachariah and J. Edward Taylor. (2019). “California Farmers Change Production Practices as the Farm Labor Supply Declines.” *ARE Update*, 22(6). https://s.giannini.ucop.edu/uploads/giannini_public/b6/f5/b6f5e1cb-807f-4150-b365-76366d30607f/v22n6.2.pdf.

Rutledge, Zachariah, J. Edward Taylor, Sara Neagu-Reed, Bryan Little, and Dave Kranz. (2019). “Still Searching for Solutions: Adapting to Farm Worker Scarcity Survey 2019.” *California Farm Bureau Federation*, News Release. https://www.zachrutledge.com/uploads/1/2/5/6/125679559/laborscarcity_final.pdf.

Working Papers

Mérel, Pierre and Zachariah Rutledge. (2019). “The Short-Run Impacts of Immigration on Native Workers: A Sectoral Approach.” <https://www.zachrutledge.com/uploads/1/2/5/6/125679559/version14.pdf>.

Peri, Giovanni and Zachariah Rutledge. (2019). “The Economic Assimilation of Mexican and Central American Immigrants in the United States.” https://www.zachrutledge.com/uploads/1/2/5/6/125679559/economic_assimilation.pdf.

Kane, Tim and Zachariah Rutledge. (2018). “Immigration and Economic Performance Across the Fifty U.S. States from 1980-2015.” *Hoover Institution*, Economics Working Paper #18112. https://www.hoover.org/sites/default/files/research/docs/18112-kane-rutledge_updated.pdf.

Rutledge, Zachariah and J. Edward Taylor. (2019). “Farmworkers and Non-farm Work: Evidence from the NAWS.” https://www.zachrutledge.com/uploads/1/2/5/6/125679559/rutledge-taylor_naws_paper.pdf.

Other Work in Progress

Rutledge, Zachariah. “The Effects of a Declining Crop Labor Supply on California Agriculture.”

Taylor, J. Edward, Zachariah Rutledge, and Luc Christiaensen. “The Future of Work in Agriculture.”

Research Experience

Graduate Student Researcher, University of California, Davis

For Professor Pierre Mérel, June 2016 - Current

For Professor J. Edward Taylor, July 2018 - Current

For Professor Giovanni Peri, September 2019 - December 2019

Undergraduate Honors Thesis, University of California, Davis

Supervised by Professor Giovanni Peri, October 2014 - March 2015

Teaching Experience

Teaching Assistant, University of California, Davis

Master’s Level

Applied Econometrics I, Fall Quarter, 2016

Undergraduate Level

Agricultural Labor Economics, Spring Quarter, 2016, 2018, and 2019

Econometrics, Winter Quarter, 2018

Financial Management, Summer Quarter, 2017

Operations Research and Management Science, Winter Quarter, 2017

Investment, Winter Quarter, 2016

Other Recent Work Experience

U.C. Davis Global Migration Center (Administrative Coordinator), August 2018 - Current

World Bank Group (Short-Term Consultant), November 2018 - June 2019

Hoover Institution, Stanford University (Visiting Fellow), June 2017 - August 2017

Presentations

Academic Conferences and Workshops

“The Effects of a Declining Farm Labor Supply on California Agriculture.” Poster Session, All-California Labor Economics Conference. Santa Cruz, CA, September 12, 2019.

“The Short-Run Impacts of Immigration on Native Workers: A Sectoral Approach.” AAEA Annual Meeting. Atlanta, GA, July 23, 2019.

“The Effects of a Declining Farm Labor Supply on California Agriculture.” Poster Session, University of California, Davis Economics Department Alumni Conference. Davis, CA, May 10, 2019.

“Farmworkers and Nonfarm Work: Evidence from the NAWS.” Department of Labor’s NAWS at 30 Conference. Davis, CA, April 4, 2019.

“The Short-Run Impacts of Immigration on Native Workers: A Sectoral Approach.” University of California, Davis Migration Research Cluster Workshop. Davis, CA, December 6, 2018.

“Immigration and Economic Performance Across the Fifty United States from 1980-2015.” Poster Session, All-California Labor Economics Conference. Los Angeles, CA, October 4, 2018.

“Immigration and Economic Performance Across the Fifty United States from 1980-2015.” Poster Session, Agricultural and Applied Economics Association Annual Meeting. Washington, D.C., August 7, 2018.

“The Short-Run Impacts of Immigration on Native Workers: Evidence from the U.S. Construction Sector.” University of California, Davis Migration Research Cluster Workshop. Davis, CA, November 9, 2017.

Guest Lectures

“Agricultural Labor in the United States.” University of California, Davis Continuing and Professional Education: Japanese Agriculture Trainee Program. Davis, CA, August 28, 2019.

Community Outreach

“Adapting to Labor Scarcity.” Infaco’s Return on Investment Live Webinar Series. July 18, 2019.

“Evidence of a Changing Farm Labor Supply.” University of California Agriculture and Natural Resources Cooperative Extension Annual Vegetable Crops Meeting. Davis, CA, November 27, 2018.

“Agricultural Labor in the United States.” Peruvian Delegation from Universidad Nacional Agraria La Molina. Davis, CA. November 5, 2018.

Research Grants and Other Awards

U.C. Davis Gifford Center for Population Studies Travel Grant, 2019: \$800

Henry A. Jastro Research Award, 2019: \$3,000

Giannini Foundation of Agricultural Economics Minigrant (with Pierre Mérel), 2019: \$30,000

Giannini Foundation of Agricultural Economics Minigrant (with J. Edward Taylor), 2019: \$30,000

Giannini Foundation of Agricultural Economics Minigrant (with J. Edward Taylor), 2018: \$26,992

Henry A. Jastro Research Award, 2018: \$3,000

U.C. Davis Gifford Center for Population Studies Travel Grant, 2018: \$1,000

U.C. Davis Agricultural and Resource Economics Department Fellowship, 2017: \$4,900

U.C. Davis Agricultural and Resource Economics Department Fellowship, 2015: \$11,800

Memberships

Western Agricultural Economics Association (since 2019)

American Economic Association (since 2018)

Agricultural and Applied Economics Association (since 2016)