DIANE CHARLTON

Department of Agricultural Economics and Economics
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Education

University of California, Davis
Ph.D., Agricultural & Resource Economics (July 2016)

- Dissertation: "Causes and Consequences of the Agricultural Transition: Analysis of Household Panel Data from Rural Mexico"
- Committee: J. Edward Taylor (chair), Katrina Jessoe, Giovanni Peri, and Aaron Smith
- Fields: Agricultural Economics, Development Economics, and Public Economics

University of California, Berkeley
B.A., Economics (2007)

Pontificia Universidad Católica de Chile
Full immersion University of California study abroad (Spring 2007)

Employment

Assistant Professor of Agricultural Economics, Montana State University (2016-present)

Peer-Reviewed Publications

Charlton, Diane, J. Edward Taylor, Stavros Vougioukas, and Zachariah Rutledge. 2019 (2nd Quarter). "Can Wages Rise Quickly Enough to Keep Workers in the Fields?" *Choices.* 34 (2).

Charlton, Diane, J. Edward Taylor, Stavros Vougioukas, and Zachariah Rutledge. 2019 (2nd Quarter). "Innovations for a Shrinking Agricultural Workforce." *Choices.* 34 (2).

Zahniser, Steven, J. Edward Taylor, Thomas Hertz, and Diane Charlton. 2018. "Farm Labor Markets in the United States and Mexico Pose Challenges for U.S. Agriculture." *USDA ERS Economic Information Bulletin.* No. 201.

Charlton, Diane and J. Edward Taylor. 2016. "A Declining Farm Workforce: Analysis of Panel Data from Rural Mexico." *American Journal of Agricultural Economics.* 98 (4): 1158-1180.

Taylor, J. Edward, Diane Charlton, and Antonio Yúnez-Naude. 2012. "The End of Farm Labor Abundance." *Applied Economic Perspectives and Policy.* 34 (4): 587-598.

Books

J. Edward Taylor and Diane Charlton. 2018. *The Farm Labor Problem: A Global Perspective.* Amsterdam: Elsevier Academic Press.

Working Papers

Diane Charlton and J. Edward Taylor. "Rural School Access and the Agricultural Transformation"

Diane Charlton, Marcelo Castillo, and Thomas Hertz. "Is the H-2A Agricultural Guest Worker Program a Viable Alternative to Hiring Unauthorized Workers? Analysis of State Variation in H-2A Growth between

2007-2018"

Diane Charlton, Genti Kostandini, and Thomas Hertz. "Can Technology Adoption Fully Offset Declines in the Farm Labor Supply? Effects of 287(g) Immigration Enforcement Mandates on the U.S. Dairy Industry"

Samyam Shrestha, Diane Charlton, Sarah Janzen, and Nick Magnan. "The Impact of Natural Disaster on Women's Empowerment, Mental Health, and Aspirations: Evidence from the 2015 Nepal Earthquake"

Diane Charlton. "Development of Agricultural Supply through Structural Changes in Labor Inputs"

Honors and Awards

Agricultural & Applied Economics Association Quality of Research Discovery Award, Honorable Mention for "A Declining Farm Workforce: Analysis of Panel Data from Rural Mexico" with J. Edward Taylor (2017)

UC Davis Agricultural & Resource Economics Best Dissertation and Gordon A. King Award (2016)

First Winter School on the Analytics and Policy Design of Migration, taught by Dr. Oded Stark, Georgetown University's School of Foreign Service in Qatar (2014)

Agricultural & Applied Economics Association Outstanding *Applied Economics Perspectives and Policy* article, Honorable Mention for "The End of Farm Labor Abundance" with J. Edward Taylor and Antonio Yúnez-Naude (2013)

Agricultural Innovation Partnership scholarship for participation in Cornell University's course in International Agriculture & Rural Development, Maharashtra, India (2012-2013)

Grants

USDA Cooperative Agreement for "H-2A Program Growth: The Role of Wages, Unemployment Rates, and Labor Recruiting Firms" (2018-2020)

UC Davis Provost's Dissertation Year Fellowship in the Arts, Humanities and Social Sciences (2015-2016)

UC Davis, College of Agricultural and Environmental Sciences, Henry A. Jastro Research Award (2012-2013 and 2014-2015)

Giannini Foundation research grant with J. Edward Taylor and Antonio Yúnez-Naude (2013-2014)

UC Davis Center for Poverty Research grant with Scott Carrell (2012)

UC Davis Center for Poverty Research grant with J. Edward Taylor and Philip Martin (2012)

Conferences and Invited Presentations

"The Impact of Natural Disaster on Women's Empowerment, Mental Health, and Aspirations: Evidence from the 2015 Nepal Earthquake." Sustainability and Development Conference, University of Michigan, Ann Arbor. (October 14, 2019)

"Does the Seasonal Inflow of Farm Labor Affect Crime Rates?" Seminar. Agricultural & Applied Economics, University of Georgia, Athens. (September 18, 2019)

"Agricultural Labor - Issues and Solutions." Organized Symposium with Ivan Kandilov, Jennifer Ifft, Alexandra Hill, and Timothy Richards. AAEA Annual Meetings, Atlanta. (July 22, 2019)

"Development of Agricultural Supply through Structural Changes in Labor Inputs," *The Future of Work in Agriculture*, The World Bank, Washington, DC (March 19-20, 2019)

"Changing Supply of Labor in the United States and Potential Supply from Mexico," AAEA Post-Conference Workshop: Convergence of Policy Issues in Produce Research, Washington, DC (August 8, 2018)

"How Agricultural Producers Adjust to a Shrinking Farm Labor Supply," Selected Presentation, AAEA Annual Meetings, Washington, DC (August 7, 2018)

"Guest Worker Programs in Agriculture: Drivers of Change," Panel discussant in Organized Symposium, AAEA Annual Meetings, Washington, DC (August 6, 2018)

"The Labor Implications of Robotization On & Off the Fields," Panel discussant in session titled "The Future of Work in Agriculture", International Conference of Agricultural Economists, Vancouver, BC (August 2, 2018)

"Can Wages Rise Quickly Enough to Keep Workers in the Fields?" Western Agricultural Economics Association Annual Meetings, Anchorage, AK (June 25, 2018)

"Explaining the Growth in Agricultural Guest Worker Demand," Western Agricultural Economics Association Annual Meetings, Anchorage, AK (June 25, 2018)

"Education Accelerating the Agricultural Transformation: Panel Data Analysis of Rural Mexico," AAEA & WAEA Joint Annual Meetings, San Francisco, CA (July 27, 2015)

"Education Accelerating the Agricultural Transformation: Panel Data Analysis of Rural Mexico," Population Association of America Annual Meetings, San Diego, CA (April 30, 2015)

"A Declining Farm Workforce: Analysis of Panel Data from Rural Mexico," Seminar at Department of Agricultural and Applied Economics, University of Wyoming, Laramie (May 8, 2015)

"What Explains the Decline in Migration?" Population Association of America Annual Meetings, New Orleans, LA (April 13, 2013)

"The End of Farm Labor Abundance." Seminariao Desarrollo Rural en México: Retos y Politícas, PRECESAM, CEE, y REAP UC Davis (presentation in Spanish), Mexico City, MX (December 10, 2012)

Outreach Publications

Taylor, J. Edward and Diane Charlton. 2014. "The End of Farm Labor Abundance Means Longterm Changes for Wine Producers." *Wine Business Monthly*. December.

Charlton, Diane and J. Edward Taylor. 2013. "Mexicans are Leaving Farm Work: What Does it Mean for U.S. Agriculture and Immigration Policy?" *ARE Update*. 16 (4).

Carroll, Christine, Diane Charlton, and Emilia Tjernström. 2012. "Price Premiums for Organic Strawberries." *ARE Update*. 15 (6).

Outreach Presentations

"Montana Labor and Population." Montana Warehousemen's Association Meeting, Fairmont, MT. (May 4, 2019)

"The Future of Farm Labor" Montana State University DAEE Fall Conference. *Agriculture and Political Uncertainty.* Bozeman, MT (November 9, 2018)

"Immigration Policies and Trends in the United States" Montana State University Humanitarian Club, Bozeman, MT (April 18, 2018)

"Adjusting to an Era of Fewer Farm Workers" College of Ag Connects, Montana State University, Bozeman, MT. (January 15, 2018)

"Adjusting to an Era of Farm Labor Scarcity: Challenges and Opportunities"

- Pacific Northwest Christmas Tree Association, Trade Show and Tree Fair (September 8, 2017)
- Sustainable Ag Expo, San Luis Obispo, CA (November 14, 2016)
- Hood River Winter Horticulture Meeting, Hood River, OR (February 5, 2016)

- Labor Issues Facing Agriculture & the Rural Midwest, Federal Reserve Bank, Chicago (November 17, 2015)

"The End of Farm Labor Abundance"

- Farm Labor and the ALRA at 40, University of California, Davis (April 17, 2015)
- Agri-business Council of Oregon Annual Meeting, Woodburn, OR (January 22, 2015)
- Presentation to California Department of Food and Agriculture, Advisory Board for the Governor and Secretary of Agriculture, Sacramento, CA (February 4, 2014)
- California League of Food Processors meeting, Monterey, CA (April 9, 2013)
- Western Growers Labor Committee meeting, Sacramento, CA (March 13, 2013)
- California Farm Bureau Federation Leaders Conference, Sacramento, CA (March 12, 2013)

Teaching and Relevant Work Experience

Instructor

- Montana State University, Department of Agricultural Economics & Economics
  - AGBE 445: Agribusiness Management (2017, 2018, 2019)
  - ECNS 317: Economic Development (2019)
  - ECNS 301: Intermediate Microeconomics with Calculus (2017, 2018)
- University of California, Davis, Department of Agricultural & Resource Economics
  - ARE 150: Agricultural Labor (2016)

Teaching Assistant

- University of California, Davis, Department of Agricultural & Resource Economics
  - ARE 150: Agricultural Labor for Dr. J. Edward Taylor (2015)
  - ARE 256A & 256B: Masters Econometrics for Dr. Jim Chalfant (2011-2012)
  - ARE 106: Econometrics for Dr. Richard Green (2010)

Research

- ERA Economics, Davis, CA (2016)
- Harvard Kennedy School of Public Policy and Innovations for Poverty Action, Research Assistant to Dr. Michael Kremer, Dr. Ryan Sheely, Dr. Amrita Ahuja, and Dr. Alaka Holla (2009-2010)
- ECONorthwest, Eugene, OR (2008-2009)

Service

Department of Agricultural Economics & Economics Faculty Search Committee (2016-2017, 2018-2019)

Faculty Advisor for the Montana State University Young Farmers & Ranchers Club (2018-2019)

Faculty Reviewer, Undergraduate Scholars Program (2018-2019)

Department of Agricultural Economics & Economics Faculty Advisory Committee (2018-present)

Topic Leader (Organize reviewers for submissions to "Selected Presentations" and create sessions), Agricultural & Applied Economics Association Annual Meetings (2017-2018)

Reviewer

- *American Journal of Agricultural Economics*
- *Ecological Economics*
- *Agricultural Economics*
- *Journal of Rural Social Sciences*
- *Regional Science and Urban Economics*
- *California Agriculture*
- Agricultural & Applied Economics Association selected papers for annual meetings (2017, 2018)

Brownbag Organizer, Department of Agricultural Economic & Economics, Montana State University (2018-present)

Graduate Student Organizer, Development Workshop Seminar Series, UC Davis (2012-2014)

Professional Associations

Agricultural & Applied Economics Association

American Economic Association

International Association of Agricultural Economists

Western Agricultural Economics Association

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