

# Alexandra E. Hill

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Department of Agricultural and Resource Economics

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## EDUCATION

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<b>Ph.D.</b> in Agricultural and Resource Economics <i>University of California, Davis</i>	2019
<b>M.S.</b> in Agricultural and Applied Economics <i>University of Illinois, Urbana-Champaign</i>	2014
<b>B.S.</b> in Agricultural and Consumer Economics <i>University of Illinois, Urbana-Champaign</i>	2012

## EMPLOYMENT

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2023 - present	Assistant Professor of Cooperative Extension Department of Agricultural and Resource Economics <i>University of California, Berkeley</i>
2019 - 2023	Assistant Professor of Agricultural Economics Department of Agricultural and Resource Economics <i>Colorado State University</i>
2017	RAND Summer Associate <i>RAND Corporation, Washington, D.C.</i>
2014	Intern at the Economic Research Service <i>The U.S. Department of Agriculture, Washington, D.C.</i>

## PEER-REVIEWED PUBLICATIONS

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- Hill, A.E.**, Burkhardt, J., Bayham, J., O'Dell, K., Ford, B., Fischer, E.V., and Pierce, J.R. (2023). "Air Pollution, Weather, and Agricultural Worker Productivity." *American Journal of Agricultural Economics*. DOI: 10.1111/ajae.12439
- Ray, S., Hertel, T.W., Taylor, E., **Hill, A.E.**, and Haqiqi, I. (2023). "Labor Markets: A Critical Link between Global-local Shocks and its Impact on Agriculture." *Environmental Research Letters*, 18: 035007. DOI: 10.1088/1748-9326/acb1c
- Picciotto, I., Beatty, T.K.M., and **Hill, A.E.** (2022). "Estimating the Nonfatal Injury Undercount in Agriculture from 2004-2019." *Journal of Agricultural Safety and Health*, 28(3): 181-202. DOI: 10.13031/jash.15039
- Hill, A.E.**, Ornelas, I. and Taylor, E. (2021). "Agricultural Labor Supply." *The Annual Review of Resource Economics*, 13. DOI: 10.1146/annurev-resource-101620-080426
- Hill, A.E.** and Burkhardt, J. (2021). "Peers in the Field: The Role of Low Productivity Workers and Gender in Peer Effects among Agricultural Workers." *American Journal of Agricultural Economics*, 103(3): pp. 790-811. DOI: 10.1111/ajae.12192

Wallander, S., Claassen, R., **Hill, A.E.**, and Fooks, J.R. (2019) “Working Lands Conservation Contract Modifications: Patterns in Dropped Practices.” Economic Research Report No. 262. USDA ERS, Washington, D.C.

**Hill, A.E.** and Kirwan, B. (2015) “Factors Affecting the Fertilizer-use Decision of Maize Farmers in Ghana.” *Journal of Sustainable Development*, 8(9). DOI: 10.5539/jsd.v8n9p273.

## MANUSCRIPTS UNDER REVIEW

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**Hill, A.E.** and Beatty, T.K.M. “Evidence on Quality Spillovers from Speed Enhancing Policies in the Workplace.”

Castillo, M., **Hill, A.E.**, and Hertz, T. “On the Validity of Imputing Legal Immigration Status”

## WORKING PAPERS

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Charlton, D. and **Hill, A.E.** and Taylor, J.E. “Automation and Social Impacts: Winners and Losers.” Background paper for The State of Food and Agriculture 2022. FAO Agricultural Development Economics Working Paper 22-09. Rome, FAO. DOI: 10.4060/cc2610en

**Hill, A.E.** “Wage Floors, Performance Pay, and Productivity.”

**Hill, A.E.** and Sexton, R.J. “Strategic Rejections: Flexible Enforcement of Minimum Quality Standards, with Application to the Fresh Strawberry Market.”

## EXTENSION PUBLICATIONS

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**Hill, A.E.** and Tanabe, T.K. (2023). “Potential Impacts of Agricultural Overtime Laws.” *Choices Magazine*, 32(2). [Link](#)

**Hill, A.E.** and Martin, P.L. (2021). “Covid-19 and Farm Workers.” *Western Economics Forum*, 19(1). DOI: 10.22004/ag.econ.311308

**Hill, A.E.** (2021) “California Crop Labor Supply and Demand During COVID-19.” ARE Update, 24(4): 9-11. University of California Giannini Foundation of Agricultural Economics. [Link](#)

**Hill, A.E.** and Card, A. (2021) “Findings from the Colorado Agricultural Labor Survey for Employers.” Regional Economic Development Institute Research Summary Report. [Link](#)

**Hill, A.E.** and Jablonski, B. (2021) “Documenting Selected Potential Impacts to CO Farmers and Ranchers of SB21-087 Agricultural Workers’ Rights.” Colorado Food Systems Policy Brief. [Link](#)

Card, A. and **Hill, A.E.** (2021) “Background, Methodology, and Limitations: Colorado Agricultural Labor Survey for Employers 2021” Colorado Food Systems Technical Documentation. [Link](#)

**Hill, A.E.** and Card, A. (2021) “Preliminary Findings from the Colorado Agricultural Labor Survey for Employers.” Colorado Food Systems Research Summary Report. [Link](#)

- Hill, R., **Hill, A.E.**, Thilmany, D., Jablonski, B., and Bayham, J. (2020) “Ensuring the Continued Functionality of Essential Critical Infrastructure Industries by Estimating the Workforce Impacts of COVID-19.” Colorado Food Systems Policy Brief. [Link](#)
- Hill, A.E.** and Wrigley, A. (2020) “Potential Implications of the Novel Coronavirus for the Greeley, CO Meat-Processing Industry.” Colorado Food Systems Policy Brief. [Link](#)
- Bayham, J. and **Hill, A.E.** (2020) “Ensuring the Continued Functionality of Essential Critical Infrastructure Industries by Estimating the Workforce Impacts of COVID-19.” Colorado Food Supply Task Force Impact Statement. [Link](#)
- Beatty, T., **Hill, A.E.**, Martin, P., and Rutledge, Z. (2020) “COVID-19 and Farm Workers: Challenges Facing California Agriculture.” ARE Update, 23(5): 2-4. University of California Giannini Foundation of Agricultural Economics. [Link](#)
- Hill, A.E.** and Ambrozek, C. (2018) “Can CalFresh Cut Costs and Better Serve California’s Agricultural Counties?” ARE Update, 21(5): 9-11. University of California Giannini Foundation of Agricultural Economics.
- Hill, A.E.** (2016) “Where is the Social Safety Net for California’s Agricultural Workforce?” ARE Update, 20(2): 9-11. University of California Giannini Foundation of Agricultural Economics.

## GRANTS

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2022-2027	NSF \$2,293,920; role: Co-PI “Collaborative Research: Relevant, Rich, and Realistic Representations of Housing, Well-Being, and Energy-Coupled Transitions.” (with T. Bond, E. Carter, and R.P. Scott)
2022-2026	NIOSH, \$600,000; role: Co-PI “Continuous surveillance of agricultural workers’ occupational health and injuries: evidence from survey, administrative, and commercial data.” (with T.K.M. Beatty)
2022-2025	USDA - NIFA, AFRI \$650,000; role: PI “Haste Makes Waste: Measuring the Economic Costs of Speed and Quality Trade-offs in Fresh Fruit Production.” (with T.K.M. Beatty)
2022-2025	USDA - NIFA, AFRI \$650,000; role: Co-PI “Agricultural Labor Markets and the Effectiveness of Environmental Conservation Policies in the United States.” (with Hertel, T., Ray, S., Haqiqi, I. and Taylor, E.J.)
2020-2022	Colorado State University \$42,000; role: PI “Colorado Agricultural Labor: Current State of Affairs and a Policy Outlook.”
2020-2022	Giannini Foundation of Agricultural and Resource Economics \$30,000, role: Co-PI “Air Pollution Exposure and Agricultural Worker Productivity.” (with T.K.M. Beatty)

2020-2021	Solutions to Commodity Crop Challenges \$20,000; role: Co-PI "Enhancing Efforts to Expand Soil Health Management: An Economic Evaluation of Dryland Cover Cropping Systems." (with D. Mooney & S. Fonte)
2020-2021	Extension Risk Management Education Exploratory Grant \$5,000; role: PI <i>Western Extension Risk Management Education Center</i>
2018-2019	Giannini Foundation of Agricultural and Resource Economics \$27,000, role: Co-PI "The Minimum Wage and Productivity: A Case Study of California Strawberry Pickers." (with T.K.M. Beatty)

## AWARDS

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2022	AARES & AAEA Heading South Award <i>Agricultural and Applied Economics Association</i>
2021	AJAE Outstanding Reviewer <i>Agricultural and Applied Economics Association</i>
2020	Best Dissertation Award <i>Agricultural and Applied Economics Association</i>
2020	Best Dissertation and Gordon A. King Award <i>University of California, Davis</i>
2020	Sylvia Lane Mentor Fellowship <i>Committee on Women in Agricultural Economics, AAEA</i>
2018	The California Immigration Research Initiative Fellowship <i>University of California</i>
2018	Western Center for Ag. Health and Safety Graduate Student Fellowship <i>University of California, Davis</i>

## ACADEMIC CONFERENCES AND WORKSHOPS

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2023	Australasian Agricultural and Resource Economics Society Annual Meeting, Christchurch, New Zealand; Farm Labor: Demand, Supply, and Markets, Davis, CA.
2022	Agricultural Applied Economics Association Annual Meeting, Anaheim, CA.
2021	Agricultural Applied Economics Association Annual Meeting, Austin, TX.
2019	Agricultural Applied Economics Association Annual Meeting, Atlanta, GA; All-California Labor Economics Conference; Los Angeles, CA; Agricultural & Applied Economics Association Annual Meeting, Washington, D.C.; The Future of Work in Agriculture, Washington, D.C.; National Agricultural Workers Survey at 30 Workshop; Davis, CA.
2018	National Agricultural Workers Survey Workshop, Davis, CA.

- 2017 | Agricultural & Applied Economics Association Annual Meeting, Chicago, IL.; Migration Research Cluster Multidisciplinary Workshop, Davis, CA.
- 2016 | Agricultural & Applied Economics Association Annual Meeting, Boston, MA.; Migration Research Cluster Multidisciplinary Workshop, Davis, CA.; Giannini Foundation Student Conference, Davis, CA.
- 2015 | Agricultural & Applied Economics Association Annual Meeting, San Francisco, CA.

## INVITED PRESENTATIONS AND SEMINARS

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- 2023 | Kansas State University, Department of Agricultural Economics Seminar Series
- 2022 | University of Nebraska, Lincoln, Department of Agricultural Economics Seminar Series
- 2021 | North Carolina State University, Economics of Agriculture, Trade and Development Seminar Series; University of California, Berkeley, Department of Agricultural and Resource Economics ANR Seminar Series
- 2020 | Online Agricultural and Resource Economics Seminars (OARES)
- 2019 | Colorado State University, Center for Fair and Alternative Trade Seminar; Colorado State University, Environment and Resource Seminars

## EXTENSION PRESENTATIONS AND INDUSTRY MEETINGS

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- 2023 | 2023 California Economic Summit, Indian Wells, California; Colorado Fruit and Vegetable Growers Association Annual Conference, Aurora, CO
- 2022 | Colorado Seed Growers Association Annual Meeting, Fort Collins, CO; International Society for Ag Safety and Health Conference, Fort Collins, CO; Colorado Farm Show, Produce Day, Greeley, CO
- 2021 | Colorado Fruit and Vegetable Growers Association Produce Labor Conference, Denver, CO; Rural Economic Development Institute Webinar (virtual); Colorado Fruit and Vegetable Growers Association Annual Conference (virtual).
- 2020 | High Planes Intermountain Center for Agricultural Health and Safety, Engaged Scholarship Discussion
- 2020 | “CSU Task Force on Colorado Food Supply: Rapid Response Research Related to COVID-19.” CSU Food Systems Monthly Webinar.
- 2020 | “Small Farms - Creating and managing an effective farm team.” Colorado Fruit and Vegetable Growers Association Annual Conference; Denver, CO.
- 2020 | “Trends and Motivators in the Domestic Agricultural Workforce.” Colorado Farm Show – Produce Day; Greeley, CO.
- 2019 | “Trends and Motivators in the Domestic Agricultural Workforce.” Colorado Agriculture and Farm Labor Summit; Denver, CO.

## OTHER EXTENSION ACTIVITIES

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- 2023 - present UCANR Community Economic Development Program Team. Member.
- 2023 - present UCANR California Communities and Food Systems Program Team. Member.
- 2023 - present UCANR DEIJ Program Team. Member.
- 2022 - present Colorado State University Produce Network. Member.
- 2021 Colorado Fruit and Vegetable Growers Association Produce Labor Conference Planning Committee. Member.
- 2019 - present Colorado Fruit and Vegetable Growers Association Labor Committee. Member.

## TEACHING

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### Courses Taught

- CSU AREC 330 | Data-Driven Decision Making in Agriculture; Spring 2023
- CSU AREC 325 | Personnel Management in Agriculture; Fall 2020, 2021, 2023
- CSU AREC 705 | Production Economics; Fall 2020, 2022

### Courses Designed

- AREC 330 | Data-Driven Decision Making in Agriculture, Colorado State University
- AREC 325 | Personnel Management in Agriculture, Colorado State University Online
- AREC 325 | Personnel Management in Agriculture, Colorado State University
- AREC 705 | Production Economics, Colorado State University

### Guest Lectures

- CSU HORT/SOCR 424 | Social Certification Programs and their Role in U.S. Agriculture; Fall 2020, 2022
- CSU AREC 415 | Undocumented Immigrants and the U.S. Agricultural Workforce; Fall 2019

## ADVISING

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### Current Graduate Advisees

Aaisha Al Maamari	CSU Ag and Resource Economics (PhD, third year), Committee Member
Jorge Coronel-Bautista	CSU Ag and Resource Economics (MS, second year), Co-Chair

### Graduate Degrees Completed Under my Supervision

Chelsey Miller	CSU Agricultural and Resource Economics (MS, 2023), Co-Chair
Pratyoosh Kashyap	CSU Agricultural and Resource Economics (PhD, 2023), Committee Member
Siddharth Kishore	CSU Agricultural and Resource Economics (PhD, 2022), Committee Member
Adam Wrigley	CSU Agricultural and Resource Economics (MS, 2022), Co-Chair
Reid Hensen	CSU Agricultural and Resource Economics (MS, 2021), Co-Chair

## ACADEMIC SERVICE

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### Memberships in Professional Associations

2014 - present	Agricultural and Applied Economics Association
2018 - present	American Economic Association
2019 - present	Society of Labor Economists
2019 - present	Western Economic Association International
2022 - present	Australasian Agricultural and Resource Economics Society

### Reviews for Academic Journals

*American Journal of Agricultural Economics; Applied Economic Perspectives and Policy; Applied Economics Teaching Resources; Demography; Choices; China Agricultural Economics Review; Journal of the Agricultural and Applied Economics Association*

## Reviews for Professional Meetings

- 2023 Agricultural and Applied Economics Association in Washington, DC.
- 2022 Agricultural and Applied Economics Association in Anaheim, CA.
- 2021 American Economic Association (virtual).
- 2020 Agricultural and Applied Economics Association in Kansas City, MO.
- 2020 Western Agricultural Economics Association in Santa Fe, NM.
- 2019 Agricultural and Applied Economics Association in Atlanta, GA.

## College and Department Service

- 2023 - Present UCB RCNR Committee on Entrepreneurship and Public-Private Partnerships. Member
- 2023 - Present UCB ARE Leo Simon ANR Seminar Series. Co-organizer.
- 2022 - 2023 DARE Search Committee. Member.
- 2021 - 2023 CAS Diversity Catalyst Team. Member.
- 2021 - 2023 CAS Come to the Table Committee. Member.
- 2021 - 2023 Diversity, Equity and Inclusion Committee. Chair.
- 2020 - 2023 Quantitative Exam Committee. Member.
- 2019 - 2023 Food Systems Lab Meetings. Organizer.
- 2019 - 2020 Graduate Student Showcase. Volunteer Judge.

## Professional Association Service

- 2023 AAEA AUS Secretary/Treasurer
- 2020 - 2023 AAEA FAMPS Section Member at Large
- 2020 - 2023 Mentor in AAEA CSQIEP, LGBTQ+ economics mentorship program

## PROFESSIONAL DEVELOPMENT

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- 2023 NCFDD Faculty Success Program
- 2021 CSU Graduate Center for Inclusive Mentoring Mentor Well
- 2021 CSU Faculty Institute for Inclusive Excellence
- 2020 TILT Student Motivation
- 2020 Designing your Online Course
- 2020 CSU Writes: Write for Speed
- 2020 Encircle: CSU Female Mentoring Circle
- 2019 Data Software Carpentry Workshop: Intro to Programming in Python
- 2019 AAEA Early Career Professional Mentorship Workshop
- 2018 UC Davis Undocu-ally Training