

SABINA REGMI

Graduate Research Assistant
Department of Agricultural and Resource Economics, Colorado State University
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Education

Doctor of Philosophy in Agricultural and Resource Economics Aug 2024–Present

Department of Agricultural and Resource Economics, Colorado State University, USA
Advisor: Dawn Thilmany

Master of Science in Agricultural Economics Summer 2024

Department of Agricultural Economics, Mississippi State University, MS, USA
Thesis: *Meta-analysis of consumers' willingness to pay for broadband in the United States*
Advisor: Ayoung Kim

Bachelor of Science in Agriculture 2020

Institute of Agriculture and Animal Science, Tribhuvan University, Nepal
Thesis: *Assessment of consumers' willingness to pay for organic products: A case study in various areas of Nepal*

Professional Experience

Extension Internship Summer 2025

Do Improved Fairgrounds Make Economic Sense (i.e., More Cents)? Analysis of Park and Grand County Fairgrounds
Colorado State University, CSU Extension Internship Program

Instructor Jan–May 2025

AREC 310 Agricultural Marketing(online course)
Department of Agricultural and Resource Economics, Colorado State University

Graduate Research Assistant 2024–Present

Department of Agricultural and Resource Economics, Colorado State University

Graduate Research Assistant 2025–Present

Regional Economic Development Institute (REDI), Colorado State University

Graduate Research Assistant 2022–2024

Department of Agricultural Economics, Mississippi State University

District Project Coordinator July 2021–June 2022

Sunwal Community Development Centre, Nepal (Collaboration with United Mission to Nepal)
Project: Reviving Economy of Covid-19 Affected Communities in Nepal (RECOV)

Research Interests

Regional economics; Rural and community development; Economic impact analysis; Food systems; Health resilience and community capital; Ag policy

Working Papers

Regmi, S., R. Hill, D. Thilmany, & R. Wasserman Olin. *Wheat Stem Sawfly as a Production Risk: Economic Impacts and Producers' Management Strategies in Colorado*. (Under review in Western Econ Forum)

Regmi, S., A. Kim, M. Devon, & J. Green. *Meta-analysis of consumers' willingness to pay for broadband in the United States*. (Manuscript in preparation)

Kim, A., **R. Sabina**, & M. Devon. *Consumers' willingness to pay for U.S. broadband: Synthesizing literature for extension and outreach implications.* (Manuscript in preparation)

Extension Publications

Regmi, S., R. Hill, R. Wasserman-Olin, A. Osterholzer, & P. Nachappa. (2025, December). *Colorado farmer strategies for addressing wheat stem sawfly risks: Strategies and regional patterns from a 2023 producer survey.* REDI Extension Report. Regional Economic Development Institute, Colorado State University.

Regmi, S., W. Wilkins, R. Hill, & T. Komarek. (2025, October). *What does the community value? Assessing priorities for the fairground upgrades in Park County, Colorado.* REDI Extension Report. Regional Economic Development Institute, Colorado State University.

Miller, R., T. Komarek, **S. Regmi**, W. Wilkins, & A. Alves Pena. *Clear Creek County economic report.* REDI Extension Report. Regional Economic Development Institute, Colorado State University. (Manuscript in preparation)

Pena, A., T. Komarek, **S. Regmi**, W. Wilkins, & R. Miller. *Gilpin County economic report.* REDI Extension Report. Regional Economic Development Institute, Colorado State University. (Manuscript in preparation)

Regmi, S., A. Kim, & M. Devon. (2024). *Exploring broadband adoption in Mississippi.* Mississippi State University Extension.

Work in Progress

Regmi, S., R. Hill, D. Thilmany, D. Mooney, R. Wasserman-Olin, A. Ostelhozer, and P. Nachappa. *The Economic Contribution of Colorado State University's Public Wheat Breeding Program through Sawfly-Resistant Varieties.*

Regmi, S., D. Thilmany, and R. Hill. *Economic Contribution of the Colorado Green Industry Sector.*

Regmi, S., A. Van Sandt, and D. Thilmany. *Community Health Resilience Profiles with Age-Specific Migration Dynamics.*

Selected Presentations (* denotes presenter)

Van Sandt, A*, and **Regmi, S.** Community Pathways to Health Resilience: A Pathways Approach. 65th Annual Meeting of the Southern Regional Science Association (SRSA), Louisville, KY, March 19–21, 2026 (abstract accepted).

Regmi, S*., A. Van Sandt, and D. Thilmany. Regional Food Dynamics: Exploring the Business Environment at the Intersection of Economic, Cultural, and Political Capitals. 65th Annual Meeting of the Southern Regional Science Association (SRSA), Louisville, KY, March 19–21, 2026 (abstract accepted).

Regmi, S*., R. Hill, and D. Thilmany. From Threat to Action: Colorado Producers' Wheat Stem Sawfly Management. Graduate Student Showcase, Colorado State University, 2025 (poster presentation).

Van Sandt, A*, & **S. Regmi***. "Do food systems represent a rural economic development opportunity." 2025 AAEA and WAEA Joint Annual Meeting, Denver, Colorado, July 27–29.

Kim, A*, **R. Sabina**, & M. Devon. "Consumers' willingness to pay for U.S. broadband: Synthesizing literature for extension and outreach implications." 71st Annual North American Meetings of the Regional Science Association International, New Orleans, Louisiana, Nov. 13–16, 2024.

Regmi, S*., A. Kim, M. Devon, & J. Green. "Consumer's willingness to pay for broadband in the United States: A Meta-analysis." 2024 Southern Agricultural Economics Association Annual Meeting, Atlanta, Georgia, Feb. 3–6.

Regmi, S*., A. Kim, M. Devon, & J. Green. "Urban-rural differences in willingness to pay for broadband in the United States: A meta-analysis." 70th Annual North American Meetings of the Regional Science

Association International, San Diego, CA, Nov. 15–18, 2023.

Regmi, S.*, A. Kim, & M. Devon. “Unveiling broadband adoption disparities in Mississippi: Urban-rural and income groups analysis.” Mississippi State University Graduate Student Research Symposium, Oct. 21, 2023.

Regmi, S.*, A. Kim, & M. Devon. “Exploring broadband adoption in Mississippi.” 8th Annual Advancing Mississippi Conference, Mississippi Institutions of Higher Learning University Research Center, Jackson, MS, Sept. 29, 2023.

Regmi, S.*, A. Kim, M. Devon, & J. Green. “Meta-analysis of consumers’ willingness to pay for broadband.” 2023 Agricultural and Applied Economics Association Annual Meeting, Washington, D.C., July 23–25.

Regmi, S.* & A. Kim. “Meta-analysis of consumers’ willingness to pay for broadband in the United States.” Mississippi State University Graduate Student Research Symposium, Feb. 25, 2023.

Extension, Outreach, and Industry Presentations

Extension Internship, Colorado State University Summer 2025

Park County: Assessing Priorities for Fairground Upgrades

Discussed project scope and analytical approach (June) and presented final findings (August) to the Park County Board of Commissioners; results published as a REDI report.

Grand County: Economic Impact analysis of the Grand County Fairground

Discussed project approach (June) and presented findings (August) to the Grand County Board Members; no formal report.

Economic Impact of Wheat Stem Sawfly in the Colorado Economy June, 2025
Research Overview and Call for Survey Participation

Colorado State University Crops Testing Program, 2025 Wheat Field Days; nine stops with 20–70 participants per location.

ProGreen EXPO — Industry Presentation Feb 2025
Thilmany, D., **S. Regmi**, and R. Hill. Economic Contribution of the Green Industry in Colorado Economy.

Grants

Colorado Green Industry October 2025–August 2026

Sectoral Trend and Baseline Economic Contribution Analysis

Research agreement with GreenCO. \$32,000. (D. Thilmany, R. Hill, and S. Regmi)

Honors and Awards

Travel Assistance Grant for Graduate Students Nov 2023
Mississippi State University

1st Place, Master’s Agricultural and Life Sciences Oral Presentation Category Oct 2023
Mississippi State University Fall Graduate Student Symposium

Agricultural and Applied Economics Association (AAEA) Annual Meeting July 2023
Travel Grant for Early Career Professionals and Graduate Students
Pre-conference workshop stipend: “Conferencing Like a Pro: Strategies for a Successful Conference Experience”

Post-conference workshop stipend: “Publishing Applied Economics Research on Health and Nutrition”

Travel Assistance Grant for Graduate Students May 2023
Mississippi State University

Golden Jubilee Scholarship, Embassy of India, Kathmandu 2016

Professional Affiliations

Regional Economic Development Institute, Colorado State University 2025- Present
Agricultural and Applied Economics Association (AAEA) 2023- Present
Section membership: Graduate Student Section (GSS); Community and Regional Economics Network (CRENET); Community on Women in Agricultural Economics (CWAE).

Other Experiences

Consultant Jan–Mar 2022
Paribartan Nepal
Assessing the youth-led business models in Nepal for long-term profitability and replicability.

Surveyor, National Consumer Survey Research project 21–30 May, 2021
Himalayan Climate Initiative & Avni Center for Sustainability

Participant, Participatory Appraisal of Competitive Advantage (PACA) 18–29 Nov, 2019
Local and Provincial Economic Development (LPED) Project, Nepal

Training of Trainers (TOT) on digital and financial literacy for consumers 16–28 June, 2021
Sewa-Nepal & Consumers International

Volunteer, Project Sachetana (Awareness): My Health, My Responsibility July–Nov 2021
Maina Devi Foundation & United Nations Development Programme

Girls Get Equal (GGE) Leader May–Aug 2022
Plan International Nepal

Enumerator Aug–Sept 2020
United Nations, Nepal

Computing Skills

IMPLAN; Qualtrics; Excel; R; SPSS; Mathematica; ArcMap

References

Dr. Dawn Thilmany McFadden

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Colorado State University
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Dr. Anders Van Sandt

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Dr. Ayoung Kim

Assistant Professor, Dept. of Agricultural Economics
Mississippi State University
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Dr. Rebecca Hill

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