

EDUCATION

Ph.D. in Agricultural and Resource Economics , Colorado State University, USA	2024 - Present
MS Integrated Agricultural Sciences , Texas State University, USA	2022-2024
BS Agriculture , Agriculture and Forestry University, Nepal	2016-2020
High School with Science specialization (Merit-based scholarship), Aroma College, Nepal	2012-2014
School leaving Certificate (SLC) , Sunrise English school, Nepal	2012

PUBLICATIONS (TOTAL CITATIONS: 12)

(Google scholar profile:

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=x8trpmQAAAAJ&sortby=pubdate)

Sharma, A., Thapa, S., Devkota, D., Joshi, B. (2023). Value chain analysis of kiwifruit (*actinidia* spp.) in Dolakha district, Nepal. *Food and Agri Economics Review (FAER)*, 3(2) (2023) 46-50. DOI: <http://doi.org/10.26480/faer.02.2023.46.50>

Sharma, A., Yadav, A.K, Sapkota, S., Shrestha, S. (2021). Impact of lockdown due to Covid-19 on vegetables market & government policy for its revival. *Socio Economy and Policy Studies (SEPS)*, 1(1), 7-12.

Sharma, A., Devkota, D., Thapa, S., Sapkota, M. & Bista, B. (2021). Improving Germination and Stand Establishment of Kiwifruit (*Actinidia deliciosa* cv. Hayward) Seed Through Media Selection and Hormonal Use in Dolakha, Nepal. *Tropical Agrobiodiversity*, 2(1): 16-21. <http://doi.org/10.26480/trab.01.2021.16.21> (CITATIONS: 2)

Sharma, A., Giri, M., Rawat, G., (2021). Constraints faced by the kiwi fruit farmers in Ilam municipality and the Sandakpur rural municipality of Ilam district. *Food and Agribusiness Management (FABM)*, 2(2), 40-47. <http://doi.org/10.26480/fabm.02.2021.40.47> (CITATIONS: 2)

Sharma, A., Paudel, A., Poudel, S., (2021). Comparative study of major diseases of major summer vegetables and their management practices in Syangja, Nepal. *Reviews in food and Agriculture*, 2(2), 54-58 <http://doi.org/10.26480/rfna.02.2021.54.58> (CITATIONS: 1)

Sharma, A., Thapa, S., & Khatiwada, M. (2020). Production, Marketing and Future Prospects of Kiwifruit in Nepal. *International Journal of Applied Sciences and Biotechnology*, 8(2), 179-186. <https://doi.org/10.3126/ijasbt.v8i2.29083> (CITATIONS: 7)

WORKING PAPER

Economic Impact of Cover Cropping on Farm Profitability in Southern Texas (**Sharma, A.**, Liu, X., Soti, P., Racelis, A.)

Analyzing the Adoption Dynamics of Cover Cropping System in Southern Texas (**Sharma, A.**, Amin, B., Liu, X., Racelis, A.)

WORK EXPERIENCE AND QUALIFICATIONS

Graduate Teaching Assistant (Fall 2024-Present): Assisting in the instruction and coordination of AREC 375 “Agricultural law”, and AREC 325 “Personnel Management in Agriculture” an undergraduate-level class at Colorado State University. Collaborated with Dr. Dana Hoag and Kathie Riley to develop instructional materials, including lecture slides, assignments, grading, and supplementary resources.

Graduate Research Assistant (Fall 2022-2024): Collaborated closely with Dr. Xiangping Liu from Texas State University on a research project focused on estimating economic benefits of cover cropping on carbon and nitrogen storage in organic farming systems.

Graduate Teaching Assistant (Fall 2022-2024): Assisted in the instruction and coordination of AG 3352 “Quantitative Methods in Agricultural Economics”, an undergraduate-level class at Texas State University. Collaborated with Dr. Xiangping Liu to develop instructional materials, including lecture slides, assignments, grading, and supplementary resources.

Prime Minister Agriculture Modernization Project (PMAMP), Government of Nepal (Jan-July 2020): Involved in agriculture action research and extension and research activities like household survey, training facilitation, sub-sector business analysis, production package of practice preparation, and field monitoring and evaluation. Pursuing opportunities to learn about and connect with others on new topics in soil health. Demonstrated leadership and independence outside of academia. Desire to lead for the positive change in community through science.

CONFERENCE AND PRESENTATIONS

1. **Sharma, A.**, Liu, Xiangping. Evaluating the Heterogeneity of Cover Crop Effects on Yield, Soil Carbon, and Nitrogen Retention: A Comprehensive Meta-Analysis. April 2024, Lubbock, Texas. (Won first prize for the best presentation award).

1. **Sharma, A.**, Martinez, M., Martin, S., Feldman, M., Pilco, F., Garcia-Patlan, C., Gautam, M., Zapsas, D., Umuhoza, O., Fajemisin, A., Soti, P., Kariyat, R., Christoffersen, B., Liu, X., Racelis, A. (2023, August 6-8). Subtropical Soil Health Demonstration: On- Farm Trials of Cover Crops for Conservation Innovation in Arid Farms of South Texas. [Research Presentation]. Southern Family Farmers & Food Systems Conference. Department of Agricultural Sciences, Texas State University, Texas, USA.
URL: <https://www.southernfamilyfarmersconference.org/schedule>

2. Attended the Food Safety Innovation Lab conference organized by Feed the Future Lab (The U.S. Government’s Global Hunger & Food Safety Initiative) on November 10-11, 2022. Supported by USAID, Purdue University, Cornell University.
URL: <https://www.feedthefuture.gov/feed-the-future-innovation-labs/>

SCHOLARSHIPS AND FUNDING

1. Graduate Teaching Assistantship (GTA) for Ph.D. at Colorado State University, USA (**2024-Present**)
 2. Student Government Scholarship (Texas State University) - \$750 (**Outstanding Student Award, 2023**)
 3. Graduate Research Assistantship (GRA) for master's degree at Texas State University, USA (**2022-2024**)
 4. Proposal funding \$200, Agriculture and Forestry University, Nepal (**2020**)
 5. Full-time Merit Scholarship, Agriculture and Forestry University, Nepal (**2016**)
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TECHNICAL SKILLS & EXPERTISE

- R
 - STATA
 - SASS
 - Python
 - Microsoft Excel
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TRAINING AND WORKSHOPS

- Training on Questionnaire Design and Data Analysis Using R organized by Group of Agriculture and Veterinary Students (GAVS) in collaboration with Agriculture and Forestry University, Rampur, Chitwan, Nepal (August 30, 2020).
 - Workshop on Silkworm: Introduction, Rearing and Management cum Farm Visit organized by Group of Agriculture and Veterinary Students (GAVS) in collaboration with Agriculture and Forestry University, Rampur, Chitwan, Nepal (August 2020)
 - Integrated Pest Management (IPM) Student Field School organized by Caritas Nepal in collaboration with Agriculture and Forestry University, Rampur, Chitwan, Nepal (Feb. 14 - June 16, 2019)
 - Training on Scientific Proposal Writing organized by Group of Agriculture and Veterinary Students (GAVS) in collaboration with Agriculture and Forestry University, Rampur, Chitwan, Nepal (April 16-20, 2017)
 - Bee Keeping Training organized by Dalit Vidyarti Samaj, AFU (May 2017)
 - Training on "Three day's workshop" organized by Rotaract club of Narayangarh, Chitwan, Nepal
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LEADERSHIP AND VOLUNTARING EXPERIENCE

- Learning for Entrepreneurial Experience (LEE) research grant, Faculty of Agriculture, Agriculture and Forestry University, Nepal.
 - Member of IAAS Nepal AFU LC (2018).
 - Organized One-day training in Drip Irrigation Installation with IAAS Rampur (2017).
 - Participated in various social activities, as a volunteer of an organization named TWECATCH (Together We Can Change), like distributing necessary items to the flood victims, and providing agricultural training (like beekeeping).
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