

CURRICULUM VITAE**Allison Gunter Bauman**

Dyson School of Applied Economics and Managements at the SC Johnson College of Business,
Cornell University, Ithaca NY 14853

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Education

- 2017 PhD in Agricultural Economics, Colorado State University.
Dissertation: “Modeling the Impact of Transaction Costs in Water Markets in the Western U.S.”
Advisors: Chris Goemans and Dawn Thilmany
- 2011 M.S., Agricultural Economics, Colorado State University.
Thesis: “Rebuilding Local Food Systems: Marketing and Economic Implications for Communities”
Advisor: Dawn Thilmany
- 2002 B.S., Hotel Restaurant Management, Cornell University
Study Abroad, Seville, Spain (2001)

Areas of expertise

Restricted access farm-level USDA data (Census of Agriculture, Agricultural Resource Management Survey, Local Food Marketing Practices Survey, and Tenure Ownership and Transition of Agricultural Land), with a focus on differentiated markets, beginning farmers and ranchers, and community economic development.

Professional Experience

- 2025-present *Senior Research Associate*, Dyson School of Applied Economics and Managements at the SC Johnson College of Business, Cornell University
- 2024-2025 *Visiting Scholar*, Dyson School of Applied Economics and Managements at the SC Johnson College of Business, Cornell University
- 2022-present *Research Scientist II*, Dept. Ag and Resource Economics, Colorado State University
- 2019-2021 *Research Scientist I*, Dept. Ag and Resource Economics, Colorado State University
- 2017-2018 *Post-Doctoral Fellow*, Dept. Ag and Resource Economics, Colorado State University
- 2019 *Instructor*, Small Agribusiness Management, Colorado State University
- 2019 *Instructor*, Overview and Trends in Agritourism Management, Colorado State University
- 2009-2017 *Research Assistant*, Dept. Ag and Resource Economics, Colorado State University
- 2013 *Instructor*, Introduction to Econometrics, Colorado State University
- 2011 *Teaching Assistant*, Ag. Business Management capstone, Colorado State University

Publications – Refereed Journal ArticlesORCID ID: <https://orcid.org/0000-0002-7925-3099>Google Scholar Citations: [by year](#), [by citations](#)

15. Bauman, A., P. Watson, D. Thilmany, B.B.R. Jablonski, C.A. Parks, A.L. Yaroeh, and T. Kaminski. 2024. Building Representative State Groupings in an Input-Output Model for the Development of an Economic Impact Calculator for Nutrition Incentive Programs. *Economic Development Quarterly* 38(4): 288-301.
14. Bauman, A., B.B.R. Jablonski, D.A.Yeh, L. Chenarides, D. Thilmany McFadden. 2024. Federal economic data on local and regional food producers. *Journal of the Agricultural and Applied Economics Association* 3(3):357-555.
<http://doi.org/10.1002/jaa2.131>
13. Kashyap, P., B.B.R. Jablonski, and A. Bauman. 2024. Exploring the relationship among stocks of community wealth, state farm to school policies, and the intensity of farm to school activities. *Food Policy* 122 (102570).
12. Jablonski, B.B.R., J. Pender, A. Bauman, A. Rupasingha, J. Clark. 2022. Stocks of wealth and the value-added food and agriculture sector. *Journal of Agricultural and Resource Economics* 38(3):560-580.
11. Jablonski, B.B.R., J. Hadrich, A. Bauman, M. Sullins, and D. Thilmany. 2022. The profitability implications of sales through local food market channels for beginning farmers and ranchers. *Agricultural Finance Review* 82(3): 559-576.
10. Jablonski, B.B.R., N. Key, J. Hadrich, A. Bauman, S. Cambell, D. Thilmany, and M. Sullins. 2022. Opportunities to support beginning farmers and ranchers in the 2023 Farm Bill. *Applied Economic Perspectives and Policy* 44(3): 1177:1194.
9. D. Thilmany, A. Bauman, J. Hadrich, B.B.R. Jablonski, M. Sullins. 2021. Unique financing strategies among beginning farmers and ranchers: Differences among multigenerational and beginning operations. *Agricultural and Finance Review* 82(2): 285-309.
8. Jablonski, B.B.R., A. Bauman, and D. Thilmany. 2021. The role of Federal crop insurance for farms and ranches that sell through local food Markets. *Agricultural Finance Review* 82(1): 113-132.
7. Jablonski, B.B.R., A. Bauman, and D. Thilmany. 2020. Local food market orientation and labor intensity. *Applied Economics and Perspectives* 43(3): 916-934.
6. Bauman, A., D. Thilmany McFadden, B.B.R Jablonski. 2019. Evaluating scale and technical efficiency among farms and ranches with a local market orientation. *Renewable Agricultural and Food Systems*, 34(3): 198-206.

5. Bauman, A., D. Thilmany McFadden, B.B.R. Jablonski. 2018. The Financial Performance Implications of Differential Marketing Strategies: Exploring Farms that Pursue Local Markets as a Core Competitive Advantage. *Agricultural and Resource Economics Review*, 47(3): 447-504.
4. Bauman, A., D. Thilmany McFadden. 2017. Exploring Localized Economic Dynamics: Methods Driven Case Studies of Transformation and Growth in Agricultural and Food Markets. *Economic Development Quarterly*, 31(3): 244-254.
3. Hardesty, S., G. Feenstra, D. Visher, T. Lerman, D. Thilmany McFadden, A. Bauman, G. Nurse, T. Gilpatrick, and G. Rainbolt. 2014. Values Based Supply Chains: Supporting Regional Food and Farms. *Economic Development Quarterly*, 28 (1): 17-27.
2. Bauman, A., C. Goemans, J. Pritchett, D. Thilmany McFadden. 2013. Estimating the Economic and Social Impacts from the Drought in Southern Colorado. *Journal of Contemporary Water Research and Education*, 151: 61-69.
1. Thilmany, D., M. Sullins, M. Phillips, and A. Gunter¹. 2011. Cost Effective Promotion for Local Foods and Direct Markets: Evaluation of Colorado's Technical Assistance for Local Food Supply Chains. *Journal of Agribusiness*, 29 (1): 23-40.

Publications – Book Chapters

1. Jablonski, B.B.R., J. K. O'Hara, A. Bauman, T.M. Schmit, D. Thilmany. 2021. Using input-output analysis to estimate the economic impacts of food system initiatives. In C. Peters & D. Thilmany (Eds.), *Food Systems Modelling* (pp.157-179). Elsevier. <https://doi.org/10.1016/B978-0-12-822112-9.00002-3>.

Publications – Other (technical reports, in-house reports, policy briefs)

27. Chaifetz, A., B.B.R. Jablonski, A. Bauman, D. Broadaway, L. Christensen, T. Cable, H. Edmondson, M. Gill, H. Leighton, A. Long, C. Naumoff, E. Rausch, J. Rossi, M. Sankey, S. Schaffstall, J. Stoll, A. Vega-Labiosa, B. Wolff, D. Wolnick, T. Woods. 2022, updated 2024. Data to Support a Thriving and Informed Local and Regional Food Sector. eXtension Community Local Regional Food System Community of Practice. <https://localfoodeconomics.com/data>
26. Weir, R., J. Hadrich, B.B.R. Jablonski, and A. Bauman. 2022. Financial performance of beginning dairy farms in Minnesota. Staff Paper P22-8. University of Minnesota.
25. Jablonski, B.B.R., D. Thilmany, A. Bauman, M. Sullins, and J. Hadrich. 2021. Operating profit margin in local food markets. eXtension Community Local Regional Food Systems.

¹ Allison changed her last name from Gunter to Bauman in 2013

24. Jablonski, B.B.R., A. Bauman, and J. Hadrach. 2021. Federal crop insurance in local food markets. eXtension Community Local Regional Food Systems.
23. Jablonski, B.B.R., D. Thilmany, A. Bauman, M. Sullins, and J. Hadrach. 2021. Beginning farmers and ranchers in local food markets. eXtension Community Local Regional Food Systems.
22. Jablonski, B.B.R., D. Thilmany, A. Bauman, M. Sullins, and J. Hadrach. 2021. Financing strategies among beginning farmers selling in local food markets. eXtension Community Local Regional Food Systems.
21. Thilmany, D., A. Bauman, E. Love, and B.B.R. Jablonski. 2021. The Economic Contribution of Health Food Incentives. SPUR, Fair Food Network, and UC Davis. https://www.spur.org/sites/default/files/2021-02/economic_contributions_incentives_2_2_21.pdf
20. Jablonski, B.B.R., D. Thilmany, A. Bauman, M. Sullins, and J. Hadrach. 2021. Beginning farmers and ranchers federal crop insurance in local food markets. eXtension Community Local Regional Food Systems.
19. Love, E., D. Thilmany, A.G. Bauman, B.B.R. Jablonski. 2020. The Economic Contribution of Nourish Colorado's Fruit and Vegetable Incentive Program. Colorado State University Regional Economic Development Institute Report.
18. Jablonski, B.B.R., D. Thilmany, A. Bonanno, and A. Bauman. 2020. Farm to School Environment. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems.
17. Prescott, M.P., R. Cleary, B.B.R. Jablonski, A. Bonanno, M. Costanigro, A. Long, and A. Bauman. 2020. Kids Win: Farm to School Activities and Student Outcomes. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems.
16. Jablonski, B.B.R., A. Bonanno, S. Mendis, D. Thilmany, A. Bauman, and L. Christensen. 2020. Communities Win. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems.
15. Jablonski, B.B.R., D. Thilmany McFadden, A. Bauman, and D. Shideler. 2018. Do local food markets support profitable farms and ranches? Union of Concerned Scientists Blog <https://blog.ucsusa.org/science-blogger/do-local-food-markets-support-profitable-farms-and-ranches>
14. Thilmany, D., B.B.R. Jablonski, A. Bauman, and D. Shideler. 2018. Profitability Implications of Local Food Marketing Strategies. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems. https://localfoodeconomics.com/wp-content/uploads/2018/01/profitability-implications_v4.pdf

13. Thilmany, D., B.B.R. Jablonski, A. Bauman, and D. Shideler. 2018. Financial Benchmarks for Local Food Producers. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems. https://localfoodeconomics.com/wp-content/uploads/2018/01/financial-benchmarks_v2.pdf
12. Thilmany, D., B.B.R. Jablonski, A. Bauman, and D. Shideler. 2018. The Role of Labor and Other Variable Expenses in Local Food Markets. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems. https://localfoodeconomics.com/wp-content/uploads/2018/01/labor-role_v3.pdf
11. Thilmany, D., B.B.R. Jablonski, A. Bauman, and D. Shideler. 2018. Evaluating the Financial Efficiency of Local Food Producers. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems. https://localfoodeconomics.com/wp-content/uploads/2018/01/financial-efficiency_v4.pdf
10. Thilmany, D., B.B.R. Jablonski, A. Bauman, D. Shideler, and B. Angelo. 2018. How to Write a Good Case Study on a Food Value Chain. Local Food Economics Fact Sheet. eXtension Community Local Regional Food Systems. https://localfoodeconomics.com/wp-content/uploads/2018/01/write-good-case-study_v3.pdf
9. Thilmany McFadden, D., A. Bauman, B.B.R. Jablonski, B. Angelo, and D. Shideler. 2015. Expanding the Farmer's Share of the Food Dollar: Exploring the Potential Effects of Emerging Food Supply Chain Models. Economic Development Report 01-15. Colorado State University.
8. Bauman, A., D. Thilmany, B.B.R. Jablonski, and D. Shideler. 2015. An Overview of Emerging Business Models in the Local Foods Landscape. *Smart Marketing*. Dyson School of Applied Economics and Management, Cornell University.
7. Bauman, A., D. Shideler, D. Thilmany, M. Taylor, B. Angelo. 2014. An Evolving Classification Scheme of Local Food Business Models. *eXtension: Community, Local and Regional Food Systems*.
6. Gunter, A. and D. Thilmany McFadden. 2012. Economic Implications of Farm to School for a Rural, Colorado Community. *Rural Connections*: 13-16.
5. Gunter, A., D. Thilmany McFadden and M. Sullins. 2012. What is the New Version of Scale Efficient: A Values Based Supply Chain Approach. *Journal of Food Distribution Research*, 43(1): 24-31.
4. Nurse, G., D. Thilmany McFadden, and A. Gunter. 2011. Agricultural and Resource Policy 11-01 (Colorado State University Department of Agricultural and Resource Economics). Understanding the Effectiveness of Farm to School Programs through Food Service Professionals. 7 pp.

3. Gunter, A. and D. Thilmany McFadden. 2011. Agricultural Marketing 11-03 (Colorado State University Department of Agricultural and Resource Economics). Developing Values Based Distribution Networks to Enhance the Prosperity of Small and Mid-Size Producers: A Case Study of La Montanita. 10pp.
2. Gunter, A. and D. Thilmany McFadden. 2011. Agricultural Marketing 11-02 (Colorado State University Department of Agricultural and Resource Economics). Developing Values Based Distribution Networks to Enhance the Prosperity of Small and Mid-Size Producers: A Case Study of High Plains Food Co-op. 9pp.
1. Gunter, A. and D. Thilmany McFadden. 2011. Agricultural Marketing 11-01 (Colorado State University Department of Agricultural and Resource Economics). Developing Values Based Distribution Networks to Enhance the Prosperity of Small and Mid-Size Producers: A Case Study of Colorado Homestead Ranches. 8pp.

Works in Progress

Key, N., A. Bauman, B.B.R. Jablonski, J. Hadrich. Beginning U.S. Farms and Ranches: Characteristics Associated with Business Survival and Financial Resilience, 2012-2022. U.S. Department of Agriculture, Economic Research Service. Submitted for publication as an Economic Information Bulletin (EIB), currently in the final clearance process.

Contracts and Grants

Externally Funded Projects as Principal Investigator

1. (2024-2027). “Land Tenure and the Next Generation of U.S. Beginning Farmers and Ranchers”. Sponsored by U.S. Department of Agriculture, Agriculture and Food Research Initiative, \$649,957.

Externally Funded Projects as Co-Principal Investigator or Collaborator

11. (2024-2025) “Resilient Food Systems Infrastructure.” Sponsored by the New York Department of Agriculture and Markets, \$210,000.
10. (2023-2025) “Capturing tradeoffs in NYC's procurement decisions.” Sponsored by Foundation for Food and Agriculture Research (FFAR) and matched by The Rockefeller Foundation, \$954,545 (FFAR) and \$448,998 (The Rockefeller Foundation).
9. (2023-2024) “Backyard Animal Keeping.” Sponsored by U.S. Department of Agriculture Animal and Plant Health Inspection Service (\$340,000), PI is B.B.R. Jablonski.

8. (2021-2024) “Exploring the scale, scope and new supply chain linkages in the local food sector.” U.S. Department of Agriculture, Economic Research Service COOP Agreement (\$166,000), PI is B.B.R. Jablonski.
7. (2021-2024) “COVID 2.0 Local food system recovery and resilience.” U.S. Department of Agriculture, Agricultural Marketing Service COOP Agreement (\$600,000 plus a \$114,400 amendment), PI is D. Thilmany.
6. (2020-2023) “Profitability of U.S. Beginning Farmers and Ranchers.” U.S. Department of Agriculture, Economic Research Service COOP Agreement (\$120,998), PI is B.B.R. Jablonski.
5. (2021-2023) “Strengthening Opportunities Along the Meat Supply Chain to Promote Sustainable Agriculture in Intermountain States”. Western SARE (\$349,994), PI is B.B.R. Jablonski.
4. (2021-2023) “The Impact of Farm to School Legislation on Farmers, Supply Chain Businesses, Rural Communities and Economics.” U.S. Department of Agriculture, National Institute of Food and Agriculture (\$499,574), PI is B.B.R. Jablonski.
3. (2021-2022) “Development and Expansion of a State-Specific Economic Impact Calculator for Nutrition Incentive Projects.” Sponsored by Gretchen Swanson Center for Nutrition (\$82,431), PI is D. Thilmany.
2. (2021-2022) “School food procurement: Comparing costs across procurement programs.” Sponsored by Urban School Food Alliance (\$65,715), PI is D. Thilmany.
1. (2020-2021) “Estimating the Potential Impact of Expanded Healthy Food Incentives.” Sponsored by San Francisco Bay Area Planning and Urban Research Association (\$120,000), PI is D. Thilmany.

Professional Meetings/Selected Papers/Presentations

14. Bauman, A., B.B.R. Jablonski, N. Key, K. Lacy. 2024. Trends in Local and Regional Food Systems, Descriptive Statistics: The State of Local and Regional Food Systems. Track session prepared for presentation at the Agricultural and Applied Economics Association Annual Meeting. New Orleans, LA, July 28-30, 2024.
13. Bauman, A., B.B.R. Jablonski, A. Hill, and T. Beaty. 2023. The impact of expanded health coverage on US beginning farmers and ranchers. U.S. Farm Households’ Social and Economic Needs and the Future of Agriculture, online conference.
12. Bauman, A., B.B.R. Jablonski, A. Hill, and T. Beaty. 2023. The impact of expanded health coverage on US beginning farmers and ranchers. Selected Paper prepared for

presentation at the Agricultural and Applied Economics Association Annual Meeting. Washington D.C., July 23-July 25, 2023.

11. Bauman, A., B.B.R. Jablonski, N. Key, and J. Hadrich. 2022. Land tenure and profitability outcomes for U.S. beginning farmers and ranchers. Selected Paper prepared for presentation at the Agricultural and Applied Economics Association Annual Meeting. Anaheim, CA, July 31-August 2, 2022.

10. Jablonski, B.B.R., J. Hadrich, N. Key, S. Campbell, D. Thilmany, M. Sullins, A. Bauman. 2021. Opportunities to support beginning farmers and ranchers in the 2023 Farm Bill. Food for Thought: Economic Analysis in Anticipation of the Next Farm Bill AAEA Post Conference Workshop. Austin, TX.

9. Bauman, A., B.B.R. Jablonski, D. Thilmany McFadden. 2019. Exploring the Underlying Economics of Local Food Producers: Opportunities for Rural Economic Development. Selected paper presentation. 2019 AAEA annual meeting. Atlanta, GA.

8. Bauman, A., B.B.R. Jablonski, D. Thilmany McFadden. 2016. "Evaluating Scale and Technical Efficiency among Farms and Ranches with a Local Market Orientation." Selected paper presentation. 2016 AAEA annual meeting. Boston, MA.

7. Bauman, A., C. Goemans, J. Pritchett, and D. Thilmany McFadden. 2015. "Modeling Imperfectly Competitive Water Markets in the Western U.S." Selected paper presentation. 2015 AAEA annual meeting. San Francisco, CA.

6. Bauman, A., C. Goemans, J. Pritchett, D. Thilmany McFadden, and T. Warziniack. 2014. "Modeling welfare outcomes of water markets with transaction costs: An agent-based modeling approach." Paper presented at the Graduate Student Paper Competition. 2014 WAEA annual meeting. Colorado Springs, CO.

5. Bauman, A., Tegegne, E. "Exploring the 'local' impacts of new Value Chain models: Evaluating localized economic dynamics from restructuring food systems." 2013. Paper presented as an Invited Paper. 2013 AAEA annual meeting. Washington D.C.

4. Goemans, C., A. Gunter, J. Pritchett, and D. Thilmany McFadden. 2012. "Integrating Different Approaches to Analyze a Drought Event's Impact on Communities: Applying an Equilibrium Displacement Model and an Input-Output model to Analysis of the Drought in Southeast Colorado." Paper presented as a Selected Paper. 2012 AAEA annual meeting. Seattle, WA.

3. Goemans, C., A. Gunter, J. Pritchett, and D. Thilmany McFadden. 2012. "Integrating Different Approaches to Analyze a Drought Event's Impact on Communities: Applying an Equilibrium Displacement Model and an Input-Output model to Analysis of the Drought in Southeast Colorado." Paper presented as a Selected Paper. 2012 Universities Council on Water Resources annual conference. Santa Fe, NM.

2. Gunter, A., D. Thilmany McFadden and M. Sullins. “Farm to School: Tools to Assess and Evaluate Impacts on Producers and Regions.” 201. Paper presented in Symposium Economic Contributions from a More Localized Food Systems. 2011 AAEA Annual meetings. Pittsburgh, PA.

1. Gunter, A., D. Thilmany McFadden and M. Sullins. “What is the New Version of Scale Efficient: A Values Based Supply Chain Approach.” 2011. Paper presented as a Selected Paper. 2011 Food Distribution Research Society Conference. Portland, OR.

Extension/Outreach Presentations

3. 2023, GusNIP NTAE Nutrition Incentive Economic Impact Calculator Webinar (virtual). <https://nutritionincentivehub.org/events/details-event?id=ff1bfc65-28ab-46ee-a27a-2b2b94e4dbfc>.

2. 2023, Data to support local/region/state food systems. U.S. Department of Agriculture, Agricultural Marketing Service (virtual).

1. 2021, The Economic Contributions of Expanding Healthy Food Incentives (virtual).

Extension/Outreach Materials

3. Led data collection and aggregation to create open-access tools and data to illustrate areas of need and opportunities to close equity gaps related to nutrition, food access, food system labor, and agriculture and food business ownership, <https://localfoodeconomics.com/data/>.

2. Created public GitHub repository for all recently completed research projects (includes data, code, figures, and tables that have passed disclosure review).

- <https://github.com/FoodSystemsModeling/DataWarehouse>
- <https://github.com/FoodSystemsModeling/foodsystemABM>
- <https://github.com/FoodSystemsModeling/FederalDataLocalProducers>

1. Led collection and modeling efforts to create two tools that can be used by communities and practitioners to conduct economic impact studies.

- <https://calculator.localfoodeconomics.com>
- <https://nutritionincentivehub.org/resources/economic-impact-calculator>

Skills and Technical Background

- GitHub profile: <https://github.com/FoodSystemsModeling>
- Proficiency with restricted access USDA data including Census of Agriculture, Agricultural Resource Management Survey, and Local Food Marketing Practices Survey, and Tenure Ownership and Transition of Agricultural Land. Current data use agreement with NASS ends in 2026.

- Proficiency using data from IMPLAN Cloud to conduct economic impact assessments.
- Programming language: R

Professional Affiliations and Activities

Manuscript Refereeing

Journal of the Agricultural & Applied Economics Association, 2023-current

Journal of Agriculture, Food Systems, and Community Development, 2021-current

Grant Reviewer

U.S. Department of Agriculture, National Institute of Food and Agriculture (USDA NIFA),
Organic Transitions Program, 2024

Membership in Professional Societies

Agricultural and Applied Economics Association, 2009-present

Food Distribution Research Society, 2011-2012

Western Agricultural Economics Association, 2014