

Multistate Research Activity Accomplishments Report

Project/Activity Number: NE2249

Project/Activity Title: Sustainable Rural Economic Development to Enhance Housing, Health, and Entrepreneurship

Period Covered: 10/01/2024 – 09/30/2025

Date of This Report: May 15, 2026

Annual Meeting Date(s): March 19, 2026

Participants

- Margarita Teran – University of Illinois Urbana-Champaign
- Craig Carpenter – Michigan State University
- Jason Entsminger – University of Maine
- Siew Hoon Lim – North Dakota State University
- Michael Carey – Virginia Tech
- Thomas Keene – University of Kentucky
- Zheng Tian – Penn State University
- McKenzie Boyce – Oklahoma State University
- Steve Deller – University of Wisconsin
- Sarah Low – University of Illinois
- Nathan Palardy – University of Florida
- Anders Van Sandt – Colorado State University
- Dawn Thilmany – Colorado State University
- Caroline Norris – Colorado State University
- Sabina Regmi – Colorado State University
- Philip Watson – University of Idaho
- Yong Chen – Oregon State
- Alison Davis – University of Kentucky
- Anton Bekkerman – University of New Hampshire
- Lucas Talby – University of Kentucky

Summary of Minutes of Annual Meeting

The NE2249 annual meeting was held in conjunction with the Southern Regional Science Association (SRSA) conference, continuing the group's alignment with SRSA to support accessibility and reporting. A hybrid attendance option was offered via an OWL conference device, which enabled members who were unable to travel to attend. It was agreed to continue offering a hybrid attendance option at future meetings.

Leadership elections were held and Alison Davis was elected to be the chair, McKenzie Boyce was elected to become chair-elect, and Nathan Palardy will rotate to the past-chair position.

Attendance at the annual meeting was discussed, and strategies were developed to encourage participation among active members and remove inactive members. The group discussed the future of NE2249 and reached consensus to pursue renewal of the Hatch project. A renewal committee was established to guide the process and support the Chair. The group also discussed how work completed for the renewal could serve a second purpose by forming the basis of an entry for the multistate project competition, which carries a \$10,000 award. Members of the renewal committee include:

- Alison Davis (co-lead)
- Dawn Thilmany (co-lead)
- Sarah Low
- Anders Van Sandt
- Brian Whitacre
- Heather Stephens
- Siew Lim
- Sankar Mukhopadhyay
- Yong Chen
- Margarita Teran

Key dates and deadlines discussed:

- September 30th, 2026: Notify of Decision to Renew DUE
- December 1, 2026: Draft of Renewal DUE
- March 15 - April 15, 2027: Review comments are provided back and revisions made in NIMSS
- June 2027: Final decision is communicated back to the group.

Members shared research updates to identify existing and emerging opportunities for multistate collaboration, with the following areas identified:

- **Data Centers and Rural Economic Impact:** Multiple states are seeing data center growth and facing challenges managing the economic, land use, energy, and infrastructure impacts. Future work can better define, measure, and advise on data center impact and policy.
- **Land Use Change, Conservation, and Renewable Energy:** Members in several states are studying renewable energy siting, land preservation, and conservation. Coordinating research and comparing policies, economic effects, and landowner responses across states could generate common frameworks and policy recommendations.

- **Rural Healthcare Access and Health Outcomes:** Multiple projects of members examine healthcare access in rural areas (hospital closures, emergency vs urgent care clinics, nurse practitioner programs) and health disparities. Collaborative efforts could produce insight and actionable resources for local governments navigating rural healthcare transitions.
- **Rural Livability and Resilience:** Multiple members shared research related to the development of new metrics for rural quality of life, resilience to climate and economic shocks, and placemaking with the potential to inform both research and policy.
- **Invasive Species Management:** Multiple states are impacted by agricultural and ecological invasives (e.g., spotted lanternfly, potato nematodes, wheat diseases, hornets). Multistate collaboration can enable joint economic impact assessments, shared extension approaches, and common policy recommendations.

FY 2026 Goals

Support Collaborative Research in the Areas of Priority Identified Above.

Encourage cross-institutional work on the impact of data centers, rural access to healthcare and health outcomes, land use and conservation, invasive species, and build on themes of quality of life, resilience, and rural well-being.

NE2249 Group Renewal. The renewal writing committee will lead the organization and preparation of materials required for the Hatch renewal.

Encourage Knowledge Dissemination and Professional Development.

Promote submissions to relevant journals (e.g., Global Challenges in Regional Science, Agricultural and Resource Economics Review), and highlight leadership roles and editorial opportunities within the group.

Updates from Non-attendees

Elizabeth Davis (University of Minnesota). We conducted in-depth quantitative analysis of trends in the prices of child care and the relationship between prices and the child care subsidy program reimbursement rates in Minnesota. We analyzed the price structure by type of provider (center or home-based), age of child, and geographic region of the state. In parallel, we analyzed changes in the payment rates set by the state subsidy program and compared variations with prices across the same dimensions. With prices rising fastest at the top end of the market, and faster for centers than home-based providers, there are concerns that subsidy reimbursement rates may not cover the cost of high-quality care especially in rural areas. While child care worker earnings are higher in urban than rural areas, the ratio of earnings to prices has

remained stable over time. The price the child care provider charges (partly) determines their revenue and whether they will be able to stay in business or lose money. At the same time, prices and subsidy rates drive affordability for families. The results demonstrate differences in the price structure of child care in rural versus urban areas that have important implications for the ability of rural families to find and afford child care. Expansion of the supply of high-quality child care in rural areas will help families access the care they need and may expand the availability of labor in rural areas. However, child care prices and subsidy payments need to be sufficient for child care providers to remain in business. This research will help policymakers in Minnesota and other states develop a better understanding of the impacts of policies on child care supply and affordability.

Accomplishments: Report period October 2024 - September 2025

Grant Awards

Bojinova, E. (PI), Cristina Connolly, and **Jason Entsminger** (Co-PI). 2022–2025. “Entrepreneurial Networks, Resource Access, and Performance of New England Small- and Medium-Sized Farms.” Storrs Agricultural Experiment Station. \$90,000.

Căzilia Loibl, Stephanie Moulton, Donald Haurin, Joshua Joseph, Kendall Moody, Adam Perzynski, Douglas Einstadter, Madison Hyer, and Stephania Miller-Hughes. 2024–2025. “WI24-13: Racial Disparities in Older Adults’ Economic Security when Experiencing Chronic Health Conditions: Insights from Electronic Health Records, Wage Earnings, and Credit Data.” Social Security Administration Retirement and Disability Research Consortium, University of Wisconsin–Madison Center for Financial Security. \$184,507.

Chen, Yong. 2025–2026. “Evaluating the Impact of Wildfires on Firm Migration in Rural Western US.” Western Rural Development Center. \$18,000.

Court, C., and **Palardy, N.** 2024–2026. “Economic Contributions of the Citrus Industry in Florida, 2023–24.” Florida Department of Citrus. \$24,895.

Davis, A. 2024–2025. “Center for Economic Analysis of Rural Health.” Health Resources and Services Administration, Federal Office of Rural Health Policy. Co-PIs: **Alison Davis and Brian Whitacre.** \$250,000.

Davis, E. E. 2025–2028. “The Economics of Job Quality and Care Quality in Early Childhood Care and Education.” Sloan Foundation (W. E. Upjohn Institute for Employment Research, prime awardee). \$146,900.

Davis, E. J., M. Machado, M. Bey, V. Caeros, **D. Charlton**, C. Evers, J. Fattal, N. Goulette, A. Hause, H. Huber-Stears, E. J. Kasner, J. Payne, and A. Perleberg. 2025–2030. “Hands on the Land: Fostering Climate-Resilient Forests through Workforce Equity and Partnership.” USDA NIFA. \$8,095,000.

Deller, Steven C. 2022–2026. “Rural Wisconsin Entrepreneurship.” Wisconsin Economic Development Corporation. PI: Brandon Hofstedt and Tessa Conroy; Co-PIs: Steven Deller, Matt Kures, and Kristin Runge. \$1,000,000.

Deller, Steven C. 2023–2026. “Rural Livability.” Wisconsin Rural Partnership, University of Wisconsin–Madison. PI: Tessa Conroy; Co-PIs: Kathy Cramer, Steven Deller, Todd Johnson, Matt Kures, and Kristin Runge. \$1,200,000.

Deller, Steven C. 2024–2027. “Towards Understanding the Impacts of Broadband on Wisconsin’s Digital Footprint.” Wisconsin Idea Collaboration, University of Wisconsin–Madison Division of Extension. Co-PIs: Jacob Thebault-Spieker and Steven Deller. \$99,902.

Green, J. J. (PI), C. Johnson Gaither, A. Harri, **A. Kim** (Co-PI), R. C. Smith, and R. Zabaw. 2021–2025. “The Racial Wealth Gap, Persistent Poverty and Heirs’ Property: Analysis, Connections, and Solutions.” USDA-NIFA AFRI. \$499,997.

Hill, R., and **D. Thilmany**. 2025–2026. “Colorado Green Industry: Sectoral Trend and Baseline Economic Contribution Analysis.” Research agreement with GreenCO. \$32,000.

Lim, S. H. (PI), Zhulu Lin, Sandro Steinbach, Veeshan Rayamajhee, Raghav Goyal, and P. Lynn Kennedy. 2024–2028. “U.S. Soybean and Corn Supply Chain Resilience: Impacts of Extreme Droughts on Production, Shipping, Trade, and Global Food Security.” USDA-NIFA AFRI. \$800,000.

Loveridge, S. (PI), and **M. Skidmore** (Co-PI). 2022–2027. “Measuring and Mapping Rural Inflation.” USDA-NIFA AFRI. \$800,000.

Moulton, Stephanie, Tasleem Padamsee, **Căzilia Loibl**, Meta Brown, Donald Haurin, and Magalie Nicolas. 2024–2025. “WI25-07: Economic Disparities in Widowhood by Race, Gender, and Marital Status: A Mixed-Methods Study of Older Adults Who Lost a Partner to Cancer.” Social Security Administration Retirement and Disability Research Consortium, University of Wisconsin–Madison Center for Financial Security. \$184,799.

Montenovo, L. 2025–2027. “A Call to Action for Formalization of Behavioral Health Paraprofessionals.” Foundation for Opioid Response Efforts. Purdue University PI. \$35,430.

Marufuzzaman, M. (PI), H. Cho, V. G. Gude, **A. Kim** (Co-PI), M. L. Tagert, and S. D. Yun. 2020–2025. “Resilient Biomass-Combined Heat and Power Systems for Rural Communities.” USDA-NIFA AFRI. \$1,000,000.

Ropicki, A., and **Palardy, N.** 2024–2026. “Improving the Sustainability and Value of the Spiny Lobster Fishery with the Help of Industry.” U.S. Department of Commerce, National Oceanic and Atmospheric Administration. \$50,134.

Rosebrook, E. (PI), and **M. Skidmore** (Co-PI). 2025. “Assessing the Relationship between Drinking Water Infrastructure and Socioeconomic Characteristics in Michigan Municipalities.” Mott Foundation. \$124,000.

Thilmany, D., L. Christensen, and **A. Van Sandt.** 2025–2027. “Farm and Food Rural Analytics for Market Empowerment: Food and Agriculture Mapper and Explorer (FAME) Updates and Analysis.” Cooperative agreement with the USDA Agricultural Marketing Service. \$125,000.

Van Sandt, A., C. W. Carpenter, C. Meier, and S. Loveridge. 2023–2027. “Responding to America’s Rural Health Challenge: Data-Driven Support for a Critical Era.” USDA National Institute of Food and Agriculture. \$650,000.

Warman, Courtney, **Cäzilia Loibl,** and Pat Bebo. 2023–2025. “Comprehensive Housing Counseling Grant Program FR-6700-N-33.” U.S. Department of Housing and Urban Development. \$71,121.

Warman, Courtney, **Cäzilia Loibl,** and Pat Bebo. 2024–2025. “Comprehensive Housing Counseling Grant Program FR-6700-N-33.” U.S. Department of Housing and Urban Development. \$87,525.

Extension Programs

Bigelow, D. 2025. Presentation titled “Are Agricultural Conservation Easements Associated with Farm Investment?” Oregon Agricultural Heritage Commission Meeting, webinar, August 2025.

Bigelow, D. 2025. Presentation titled “Oregon’s Farmland Market: Recent Trends and Emerging Issues.” Oregon Seed Association 2025 Mid-Winter Meeting, Lebanon, OR, January 2025.

Bigelow, D. 2025. Presentation titled “Recent Trends in Oregon’s Farmland Market.” Bend League of Women Voters Meeting, webinar, March 2025.

Carpenter, Craig Wesley. 2024. “The Long-Run and Intergenerational Effects of the Institutionalization of Redlining: New Research and Extension Programs.” Invited seminar for the United States Department of Agriculture Economic Research Service, October.

Carpenter, Craig Wesley. 2025. “Connecting the History of Redlining to Contextualize Local Housing Policy Decisions.” North Central Regional Center for Rural Development, online, January.

Carpenter, Craig Wesley, and Tyler Augst. 2025. “Redlining in Michigan: Exploring History, Impacts, and Paths Forward.” Online webinar hosted for Black History Month by Michigan State University Extension, February.

Căzilia Loibl. 2024–2025. Ohio Housing Finance Agency first-time homebuyer education program. 758 participants.

Căzilia Loibl. 2025. Ohio State Extension collaboration with Framework Homeownership. 27 participants.

Căzilia Loibl. 2025. Ohio State “Power of Home” program.

Ingrao, Adam, **Craig Wesley Carpenter,** Michael Lotspeich-Yadao, and Charles M. Tolbert. 2024. “Military Support Programs in Cooperative Extension: The 2024 Farm Bill, Field Insights and Opportunities.” Invited seminar at RAND Corporation, Veterans Policy Research Collaborative Meeting.

Keller, M., and **Van Sandt, A.** 2025. “Unwinding the Spiral of Silence in Rural America: Looking Backward with Stories to Plan Forward.” Water in the West Colloquium, University of Wyoming, September 26, 2025.

L. Montenovo. 2025. Panelist for “Occupational Social Distancing Indices in the United States” at Love Data Week, hosted by the Social, Behavioral, and Economic COVID Coordinating Center at the University of Michigan.

L. Montenovo. 2025. Speaker at “Health Outcomes: U.S. and Indiana, A Comparison between Rural and Urban Counties” at the Purdue Extension Community Development Program Monthly Meeting.

Palardy, N. 2025. “Agricultural Conservation Easement Programs: Federal, State, and Local Options.” Invited speaker at the 2025 Florida Farm Bureau Ag Policy and Commodity Forum, 200 in attendance; the 2025 Lake County Growth Management Workshop Series, 50 in attendance; the 2025 Walton County Farm Bureau Annual

Banquet, 70 in attendance; and the Walton County Board of County Commissioners Meeting, September 2025, 50 in attendance.

Palardy, N. 2025. "Tapping into Florida's Craft Beer Market: A Guide to Consumer Preferences and Purchasing in the Sunshine State." Webinar for the Florida Brewers Association. 80 online attendees and 28 views.

Palardy, N. 2025. "Tapping into Florida's Craft Beer Market: Consumer Preferences and Purchasing Habits in the Sunshine State and the Southeast Region." Speaker at the Gulf Coast Research and Extension Center 2025 Hop Field Day, Wimauma, FL. 50 in attendance.

Palardy, N., and A. Ropicki. 2025. "Measuring the Economic Contributions of the Commercial Spiny Lobster Fishery." Speaker at the Florida Fish and Wildlife Conservation Commission Spiny Lobster Fishermen Engagement Event, Marathon Key, FL. 40 in attendance.

Rosebrook, E., and **M. Skidmore**. 2025. "Workshop: A More Resilient Michigan."

Thilmany, D. 2025. "Northwest Colorado: Agriculture, Food and Broader Economic Trends." Presentation to the Northwest Colorado Economic Development Council of Colorado Workshop, Craig, CO, March 2025.

Thilmany, D. 2025. "The Pulse of Public Attitudes and Agriculture." Presentation to the CFVGA Annual Meeting, Westminster, CO, February 2025.

Thilmany, D., and L. Christensen. 2025. "USDA Regional Food Centers: Connecting Food and Ag Enterprises with Resources at the State and Federal Level." *Colorado Proud Podcast*, February 2025. <https://aq.colorado.gov/markets/cultivation-station>.

Van Sandt, A. 2025. "Growing Resilience and Independence Through Wyoming's Local Food System." Presented to the Powder River Basin Resource Council, Sheridan, WY, May 8, 2025.

Van Sandt, A. 2025. "Growing Resilience and Independence Through Wyoming's Local Food System." Wyoming Food Coalition Speaker Series, online, June 26, 2025.

Van Sandt, Anders, Craig Wesley Carpenter, Scott Loveridge, and Cris Meier. 2024. "Listening Session: Extension Professionals' Perspectives on Rural Health." Virtual focus group with extension professionals conducted as part of the USDA-NIFA grant "Responding to America's Rural Health Challenge: Data-Driven Support for a Critical Era."

Van Sandt, Anders, Craig Wesley Carpenter, Scott Loveridge, Rebekka Dudensing, and Linda Niehm. 2025. "Timely Topics in Regional Economic Development." Council on Food, Agricultural, and Resource Economics (C-FARE) webinar, September. <https://www.cfare.org/items/regionaleconomicdevelopment>.

Whitacre, B., Mckenzie Boyce, and Anders Van Sandt. 2025. "Timely Topics in Regional Economic Development: Goldman Award Winner Presentations." Council on Food, Agricultural, and Resource Economics (C-FARE) webinar, September.

Publications

Alfaro, F., S. Loveridge, D. Paredes, and **M. Skidmore**. 2025. "Explaining the Big Mac Urban-Rural Price Gap in the United States." *Journal of Regional Science*.

Alfaro, F., D. Paredes, and **M. Skidmore**. 2025. "The Effect of Property Assessment Reductions on Tax Delinquency and Tax Foreclosure." *National Tax Journal* 78 (2): 415–433.

Bartosiak, Abbey, Jung Eun Lee, and **Cäzilia Loibl**. 2025. "Fear of Missing Out, Social Media Influencers, and the Social, Psychological and Financial Wellbeing of Young Consumers." *PLoS One* 20: e0319034. <https://doi.org/10.1371/journal.pone.0319034>.

Bauman, A., **P. Watson, D. Thilmany McFadden**, B. B. R. Jablonski, C. A. Parks, T. Kaminsky, and A. L. Yaroch. 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*. <https://journals.sagepub.com/doi/abs/10.1177/08912424241282425>.

Bramwell, S., and **P. Watson**. 2025. "Economic Impacts of Using Working Lands and Prairie Preserves for Habitat Protection: An Example from Thurston County, Washington." *Journal for Nature Conservation* 89: 127094.

Carpenter, Craig Wesley, Kristopher Deming, John Anders, Michael Lotspeich-Yadao, Charles M. Tolbert, and Adam Ingrao. 2024. "Do Payday Lending Bans Protect or Constrain Regional Economies? Evidence from the Military Lending Act's Final Rule." *Contemporary Economic Policy* 42 (2): 319–335. <https://doi.org/10.1111/coep.12636>.

Charlton, Diane, Amanda Countryman, Dale Manning, and Sionegael Ikeme. 2025. "US Employment Exposure to Domestic and Foreign Tariff Changes under NAFTA." *Applied Economic Perspectives and Policy* 47 (3): 1058–1094.

Charlton, Diane, Stephen Devadoss, R. Karina Gallardo, Jeb Luckstead, and Stavros Vougioukas. 2025. "Economic Viability of Robotic Fruit Harvesters to Reduce Large

Seasonal Labor Demands: Analysis of Gala and Honeycrisp Apples.” *Journal of the Agricultural and Applied Economics Association* 4 (1): 70–87.

Conroy, Tessa, Caroline Corona, Charles Zumbunnen, and **Steven C. Deller**. 2025. “On the Brink of Business Transition in the U.S.: Trends, Challenges, and Opportunities.” In *Successfully Transitioning Business Ownership*, edited by Norm Walzer and Christopher Merrett. London: Routledge.

Conroy, Tessa, and **Steven C. Deller**. 2025. “Rural Entrepreneurship Is Declining...or Is It?” In *De Gruyter Handbook of Rural Entrepreneurship*, edited by Kathleen Liang and Tom Lyons. Berlin: De Gruyter Brill.

Conroy, Tessa, Jie Wu, and **Steven C. Deller**. 2025. “Childcare Availability and Women’s Earnings in the U.S.” *Review of Economics of the Household*. Published online July 15, 2025. <https://doi.org/10.1007/s11150-025-09787-0>.

Davis, W., and **A. Kim**. 2025. “Identifying Factors Associated with Self-Reported Adult Telehealth Utilization: Evidence from Mississippi.” *Telemedicine and e-Health* 31 (8). <https://doi.org/10.1089/tmj.2025.0015>.

Davis, W., J. Jones, E. Canales, **A. Kim**, and D. Buys. 2025. “Online Grocery Purchasing in Mississippi: Associations with Broadband, Rurality, and Household Characteristics.” *Frontiers in Nutrition* 11. <https://doi.org/10.3389/fnut.2024.1472622>.

Deller, S. C., and **M. Boyce**. 2025. “Town and Country: Linking Agriculture and the Nonfarm Rural Economies.” *Choices* 40 (3): 1–10.

Deller, Steven C. 2025. “Are We at an Inflection Point in Community Economic Development? The 4th Wave.” *Economic Development Quarterly* 39 (4): 215–231. <https://doi.org/10.1177/08912424251339139>.

Deming, Kristopher, **Craig Wesley Carpenter**, and John Anders. 2025. “Does Military Service Help Minoritized and Women Business Owners? Descriptive Evidence from ‘Vetrepreneur’ Outcomes.” *Journal of Entrepreneurship and Public Policy* 14 (1): 1–23. <https://doi.org/10.1108/JEPP-07-2023-0063>.

Drost, Madeleine, **Cäzilia Loibl**, Anastasia Snyder, and Michael Betz. 2025. “The Association of Financial Resources and Loneliness among Older Adults during a State of Emergency.” *PLoS One* 20: e0314042. <https://doi.org/10.1371/journal.pone.0314042>.

Dunn, J., and **S. H. Lim**. 2025. “U.S. Shale Energy Production and Impacts on House Values: A Basin-by-Basin Review.” *The Extractive Industries and Society* 24: 101725. <https://doi.org/10.1016/j.exis.2025.101725>.

Gawai, Vikas, and **Steven C. Deller**. 2025. "Is There a Link Between Access to Broadband and Health Outcomes?" *American Journal of Economics and Sociology* 84 (2): 361–386. <https://doi.org/10.1111/ajes.12608>.

Ge, Y., S. Iman, Y. Martín, **S. H. Lim**, J. M. Jacobs, and X. Jia. 2025. "Residents' Perception of Flood Prediction Products: The Study of NASA's Satellite Enhanced Snowmelt Flood Prediction." *Sustainability* 17 (14): 6328. <https://doi.org/10.3390/su17146328>.

Hagerman, A., A. Schaefer, **A. Van Leuven**, F. Tsiboe, A. Young, and Y. Zereyesus. 2025. "Mitigating Structural Inequities in U.S. Agricultural Risk Management." *Journal of Agricultural and Applied Economics*. <https://doi.org/10.1017/aae.2024.29>.

Heim, B., and **L. Montenovo**. 2025. "Are Charitable Donations and Volunteering Substitutes? New Evidence from Recent Tax Changes." *National Tax Journal* 78 (3): 609–636.

Herchenback, J. S., B. Briggeman, J. Bergtold, A. Shanoyan, **S. A. Low**, and B. Miller. 2024. "A Skills Gap Analysis of Farmer Directors of U.S. Farmer Cooperatives." *Agribusiness*. <https://doi.org/10.1002/agr.21997>.

Hill, Alexandra E., **Diane E. Charlton**, and J. Edward Taylor. 2025. "Workforce Implications from Farm Automation." *Applied Economic Perspectives and Policy* 47 (4): 1323–1335.

Hill, E., and **A. Van Leuven**. 2025. "Commentary: Wrestling with Markets in Economic and Community Development." *Economic Development Quarterly*. <https://doi.org/10.1177/08912424251398781>.

Huang, Z., and **M. Skidmore**. 2025. "The Impacts of Wildfires and Wildfire-Induced Air Pollution on Mortality in the United States." *Environmental Challenges* 101339.

Hutchins, J., and **A. Van Leuven**. 2025. "Data Visualization in Applied Economics Instruction and Outreach." *Applied Economics Teaching Resources*. <https://doi.org/10.71162/aetr.482854>.

Ikeme, Sionegael, Amanda M. Countryman, Dale T. Manning, and **Diane Charlton**. 2025. "Quantitative Comparison of Ad-Valorem Equivalents for Non-Tariff Trade Measures: WTO vs. TRAINS." *Applied Economic Perspectives and Policy* 48 (1): 294–308.

Ingrao, Adam, **Craig Wesley Carpenter**, Kristopher Deming, Michael Lotspeich-Yadao, and Charles M. Tolbert. 2024. "U.S. Farm Bill Policies to Support America's Heroes."

Choices 39 (3). <https://www.choicesmagazine.org/choices-magazine/submitted-articles/us-farm-bill-policies-to-support-americas-heroes>.

Keller, M. L., K. Hansen, J.J. Shinker, K. D. Landreville, K. E. Cooper, E. Donaldson, M. Kim, G B. Paige, **A.V. Sandt**. 2025. “Unwinding the Spiral of Silence in Rural America: Looking Backward with Stories to Plan Forward.” *Frontiers in Climate* 7: 1398452.

Kim, A., and B. Waldorf. 2024. “Unpacking the Gender Wage Gap in the US: The Impact of Rurality, Age, and Occupation.” *Journal of the Agricultural and Applied Economics Association* 3 (4): 706–723. <http://dx.doi.org/10.1002/jaa2.143>.

Lee, A., and **A. Van Leuven**. 2025. “Examining Racial/Ethnic, Income, and Nativity Disparities in Access to Brick-and-Mortar Financial Institutions.” *Race and Social Problems*. <https://doi.org/10.1007/s12552-025-09472-y>.

Lee, W. F., A. Sojourner, **E. E. Davis**, and B. Borowsky. 2025. “Effects of Child-Care Vouchers on Price, Quantity, and Provider Turnover in Private-Care Markets.” *Journal of Human Capital* 19 (1).

Lim, J., and **M. Skidmore**. 2025. “Natural Disasters: Impacts and Recovery.” In *Oxford Research Encyclopedia of Economics and Finance*.

Lim, J., **M. Skidmore**, and Y. Shen. 2025. “Natural Disasters and Their Impact on Cities.” *Oxford Bibliographies*.

Lin, Z., T. Lin, H. Zheng, and **S. H. Lim**. 2025. “Assessing the Effects of Hydraulic Fracturing on Streamflow Through Coupled Human–Hydrological Modeling.” *Sustainability* 17 (11): 4946. <https://doi.org/10.3390/su17114946>.

Lotspeich-Yadao, Michael, **Craig Wesley Carpenter**, and Charles M. Tolbert. 2025. “The Propensity of Veteran-Owned Firms to Provide Employee Benefit Programs: A Test of Military Imprinting Versus Business Pragmatism.” *Armed Forces & Society*. <https://doi.org/10.1177/0095327X251363220>.

Love, E., B. B. R. Jablonski, L. Bellows, and **D. Thilmany**. 2025. “A Baseline Assessment of School Food Spending and Local Procurement: Exploring the Case of Colorado’s Farm to School State Incentive and Other Public Policies.” *Agricultural and Resource Economics Review* 54 (1): 109–137. <https://doi.org/10.1017/age.2025.11>.

Low, S. A. 2025. “Stakeholders in Local Public Participation.” In *Thematic Encyclopedia of Regional Science*, edited by P. Nijkamp, K. Kourtit, K. Haynes, and Z. Elburz, 560–561. Cheltenham, UK: Edward Elgar. <https://doi.org/10.4337/9781800379282>.

- Lu, P. J., and **M. Skidmore**. 2024. "Efficacy Analysis of Cloud Seeding Program in Kansas Agriculture." *Climate Risk Management* 50: 100756.
- Lu, P. J., and **M. Skidmore**. 2024. "Tropical Cyclone Day-Off Orders, Warnings, and Avoidance Behavior." *Review of Regional Studies* 54 (3): 259–282.
- McCollum, C., and **D. P. Bigelow**. 2025. "Are Agricultural Conservation Easements Associated with Farm Investment?" *Applied Economic Perspectives and Policy* 47 (5): 1918–1943. <https://doi.org/10.1002/aep.70002>.
- Muyombo, E., W. Brorsen, E. Krueger, T. Ochsner, and **A. Van Leuven**. 2025. "NASA's FLDAS Soil Moisture Data as an Index for Forage Crop Insurance and Disaster Protection Programs." *Agricultural and Forest Meteorology*. <https://doi.org/10.1016/j.agrformet.2025.110772>.
- Nam, Youngwon, Eric Olsen, **Cäzilia Loibl**, and Robert Scharff. 2025. "Life Insurance, Mortality Risk, and the Role of Financial Knowledge." *Financial Planning Review* 8 (1): e70000. <https://doi.org/10.1002/cfp2.70000>.
- Olsen, Eric, **Cäzilia Loibl**, Sherman Hanna, and Andrew Hanks. 2025. "Differences in Housing Wealth between U.S. Military Service Personnel and the Civilian Population—Exploring the Role of Financial Stress." *PLoS One* 20: e0331374. <https://doi.org/10.1371/journal.pone.0331374>.
- Palardy, N.**, M. Costanigro, J. Berning, and J. Bayham. 2025. "Changes in Alcohol Retail Laws and Foot Traffic at Liquor Stores." *Applied Economic Perspectives and Policy*, 1–15. <https://doi.org/10.1002/aep.70037>.
- Palardy, N.**, and M. Sowcik. 2025. "Leadership Development Programs for Elected Officials: Measuring the Impact of Extension on County Leadership Capacity." *Journal of Human Sciences and Extension* 13 (3). <https://doi.org/10.55533/2325-5226.1574>.
- Panyi, A., **B. Whitacre**, and A. Young. 2025. "The Shifting Relationship Between Educational Attainment and Poverty: Analysis of Seven Deep Southern States." *The Annals of Regional Science* 74 (1): 16. <https://doi.org/10.1007/s00168-024-01344-4>.
- Pesavento, Matthew, **Cäzilia Loibl**, Stephanie Moulton, Donald Haurin, Madison Hyer, Dhjenne Dalmacy, and Joshua Joseph. 2025. "Financial Outcomes of Type 2 Diabetes from Consumer Credit Reports." *JAMA Network Open* 8 (7): e2523453. <https://doi.org/10.1001/jamanetworkopen.2025.23453>.

Rahe, M. L., J. Tsay, and **S. A. Low**. 2025. "Vendor Types, Attendance, Experience and Sales 2019–2021: Evidence from Five Rural Oregon Farmers Markets." *Agribusiness*. <https://doi.org/10.1002/agr.22055>.

Rhoades, C., **B. Whitacre**, and **A. Davis**. 2025. "Early Adoption of Telehealth / Remote Patient Monitoring and Hospital Revenue Changes During COVID-19." *Journal of Telemedicine and Telecare* 31 (10): 1468–1476. <https://doi.org/10.1177/1357633X241298989>.

Rutherford, M., **B. Whitacre**, L. Captain, S. Ekin, J. Angle, T. Henley, and J. O'Hara. 2025. "Rural Entrepreneurship through Technology: A Case Study Using Productivity-Enhancing-Technology-Experience Kits (PETE-Kits)." *IEEE Transactions on Education* 68 (3): 281–292. <https://doi.org/10.1109/TE.2025.3557023>.

Schmidt, Danielle, Tessa Conroy, and **Steven C. Deller**. 2025. "Pathways to Prosperity: Moving Beyond Growth to Evaluate Change in Community Well-Being." *Choices* 40 (2): 1–7. <https://doi.org/10.22004/AG.ECON.358581>.

Staples, Aaron, Kristopher Deming, Trey Malone, **Craig Wesley Carpenter**, and Stephan Weiler. 2024. "Pouring the Paycheck Protection Program into Craft Beer: PPP Employment Effects in Service-Intensive Industries." *Journal of Business Venturing Insights* 21: e00444. <https://doi.org/10.1016/j.jbvi.2023.e00444>.

Thilmany, D., A. van Sandt, and L. Gwin. 2024. "A Comment on USDA Food Business Centers: Collaborations to Nurture Innovation in the Food System." *Food Policy* 128: 102727.

Tiwari, M. G., C. Sun, D. L. Grebner, **A. Kim**, and E. McConnell. 2025. "Partition Actions on Forestland Owned as Heir Property and the Determinants of Court Decisions." *Forest Policy and Economics* 170. <https://doi.org/10.1016/j.forpol.2024.103392>.

Tiwari, M. G., C. Sun, D. L. Grebner, **A. Kim**, and T. E. McConnell. 2025. "Dividing Heir Property on Forestland: Physically in Kind or Financially by Sale?" *Forest Science*. <https://doi.org/10.1007/s44391-025-00017-9>.

Van Leuven, A. J., E. Hill, and **S. A. Low**. 2025. "The Value of Economic and Community Development Anchors." *Economic Development Quarterly*. <https://doi.org/10.1177/08912424251397353>.

Van Leuven, A., and **T. Conroy**. 2025. "Using Economic Data to Understand Local Childcare Challenges." *Journal of Extension*. <https://commons.joe.org/joe/vol63/iss3/19/>.

Van Leuven, A. 2025. "The Importance of Third Places in Rural Communities." *Choices*. <https://www.choicesmagazine.org/choices-magazine/submitted-articles/the-importance-of-third-places-in-rural-communities>.

Van Sandt, Anders, Craig Wesley Carpenter, Scott Loveridge, Rebekka Dudensing, and Linda Niehm. 2025. "Revealing U.S. Retail Industries' Functional Hierarchy Through Demand Thresholds." *Journal of Economic Structures* 14 (7). <https://doi.org/10.1186/s40008-025-00359-0>.

Van Sandt, Anders, Raju Pokharel, **Craig Wesley Carpenter,** and Scott Loveridge. 2024. "Improving Models of Wood Products Plant Locations with Restricted Access Data." *Forest Policy and Economics* 167: 103303. <https://doi.org/10.1016/j.forpol.2024.103303>.

Vougioukas, Stavros, Manoj Karkee, Stephen Devadoss, R. Karina Gallardo, and **Diane Charlton.** 2025. "Mechanization Efforts in Fruit Harvesting." *Choices*.

Watson, P., J. Winfree, R. Mittelhammer, and J. McCluskey. 2025. "Heterogeneous Impacts of Statewide Policies Across Urban and Rural Markets: Evidence from Liquor Sales." *Journal of Rural Studies* 119: 103753.

Whitacre, B., C. Rhoades, and **A. Davis.** 2024. "Rural Hospital Service Lines: Changes over Time and Impacts on Profitability." *Journal of Healthcare Management* 69 (5): 350–367. <http://dx.doi.org/10.1097/JHM-D-24-00012>.

Winfree, J., **P. Watson,** and W. Hoashi-Erhardt. 2025. "Differences in Strawberry Demand Based on Region, Season and Strawberry Type." *Journal of Food Distribution Research* 56 (2): 85–100.

Extension Articles

Alfaro, F., Y. Lee, D. Paredes, and **M. Skidmore.** 2025. *Policy Report: Inflation Dynamics and Cost of Living in Michigan*.

Hambaryan, M., G. Orivri, C. Lantz, **N. Palardy,** J. Lai, and B. Kassas. 2025. "Tapping into Florida's Craft Beer Market, Part 2: Preferences for Local Ingredients and Sustainability Labels." *EDIS* FE1166. <https://doi.org/10.32473/edis-fe1166-2025>.

Lantz, C., **N. Palardy,** D. Farnsworth, and A. Poulin. 2025. "Agricultural Conservation Easement Programs: A Quick Reference Guide." *EDIS* FE1170. <https://doi.org/10.32473/edis-fe1170-2025>.

L. Montenovo. 2024. “Does a Higher Standard Deduction Decrease Cash Donations and Volunteering?” PAER-2024-26.

L. Montenovo. 2025. “Analysis of Labor Market Outcomes during the COVID-19 Pandemic in Eight Countries.” PAER-2025-10.

L. Montenovo. 2025. “Health Outcomes: How Does Indiana Compare to the Rest of the Country?” PAER-2025-5.

Rosebrook, E., **M. Skidmore**, S. Klammer, and S. Sane. n.d. *CLGFP Report: Assessing the Relationship between Drinking Water Infrastructure and Socioeconomic Characteristics in Michigan Municipalities.*

Schmidt, Danielle, Tessa Conroy, and **Steven C. Deller.** 2025. “Understanding Wisconsin Prosperity in the National Context.” *WIndicators* 7 (2). EDA University Center, University of Wisconsin–Madison.

Shen, Y., T. Augst, **M. Skidmore**, and E. Rosebrook. 2025. *CLGFP Report: The Short-Term Rental Economy in Michigan: Implications, Policy Options, and Potential Solutions.*

Van Sandt, A. 2025. “Food Assistance and Resilience in Colorado: The Changing Role of SNAP.” *REDI Report.* Regional Economic Development Institute, Colorado State University. November 12, 2025.

Van Sandt, A. 2025. “Growing Resilience and Independence Through Wyoming’s Local Food System.” University of Wyoming Extension Bulletin B-1402. February 10, 2025.

Watson, P., G. Alward, and **D. Thilmany.** 2025. *Regionalizing the Food Dollar: Exploring Distributions across Sectors and Places.* CSU REDI Report, February. https://csuredi.org/redi_reports/regionalizing-the-food-dollar-exploring-distributions-across-sectors-and-places/.