

Craig Wesley Carpenter

Michigan State University
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I. EDUCATION

- Ph.D. Agricultural, Food, and Resource Economics, Michigan State University, 2016.
Areas of concentration: Economic Development, Econometrics and Statistics.
- B.A. Political Science, Economics and Business, Kalamazoo College, 2011. Program included year of study at the London School of Economics, London, England.

II. EXPERIENCE

Michigan State University

- 2022- *Assistant Professor*, Department of Ag., Food, and Resource Economics
2019-2022 *Extension Specialist*, Community, Food, & Environment Institute

Texas A&M University

- 2019-2022 *Associate Director*, Texas Federal Statistical Research Data Center
2016-2022 *Assistant Professor & Extension Specialist*, Department of Ag. Economics
(Promotion to *Associate Professor* approved 2022)

Michigan State University

- 2011-2016 *Research Assistant*, Department of Ag., Food, and Resource Economics; North Central Regional Center for Rural Development

Albion College

- 2014-2015 *Visiting Instructor of Economics and Management*, Department of Economics

Kalamazoo College

- 2010-2011 *Teaching Assistant*, Department of Economics and Business

III. AWARDS AND HONORS

- 2022 *Best Publication Award*, Agricultural and Applied Economics Association, Health Economics Section
- 2022 *Leadership Award*, Mid-Continent Regional Science Association
- 2022 *Extension Educational Materials Award*, national winner & north central winner, National Association of Community Development Extension Professionals
- 2021 *Early Career Award*, Mid-Continent Regional Science Association
- 2021 *Research Fellow*, Western Center for Metropolitan Extension & Research
- 2019 *Annie E. Casey Foundation Research Fellow*, Rural Policy Research Institute
- 2016 *Dissertation Completion Fellowship*, Michigan State University (MSU)
- 2015 *Glenn and Sandy Johnson Dissertation Enhancement Fellowship*, MSU

IV. GRANTS AND CONTRACTS

Funding Received (PI, Co-PI), total \$2,675,706

Campbell, Mary, Craig Wesley Carpenter, and John Anders. 2022-2025. “Explaining Changes in Racial Identification across Time and Place.” *National Science Foundation*. \$400,000.

Carpenter, Craig Wesley, John Anders, Marcus Bernard, Trey Malone, and Charles M. Tolbert. 2022-2025. “Documenting Discrimination and Researching Policy: Racial Inequality and Economic Opportunity in Rural America 1920-2020.” *USDA National Institute of Food and Agriculture*. \$650,000.

Anders, John, and Craig Wesley Carpenter. 2022-2023. “Can Education Fight Inherited Inequity? Using Administrative Data to Measure the Direct, Intergenerational, and Interactive Impacts of Redlining and Education.” *Russell Sage Foundation*. \$170,881.

McCarl, Bruce, Chengcheng Fei, Craig Wesley Carpenter, and Ronald Sands. 2022-2023. “Impact of Climate Change on Agricultural Processing Facility Movement and Food Dollar.” *USDA Economic Research Service*. \$75,000.

Lotspeich-Yadao, Michael, Craig Wesley Carpenter, and Charles Tolbert. 2021-2023. “Data-Driven Extension Programming for Rural Veteran Workforce Reintegration.” *USDA National Institute of Food and Agriculture*. \$125,933, awarded and returned due to postdoctoral fellow (Lotspeich-Yadao) faculty placement.

Van Sandt, Anders, Craig Wesley Carpenter, and Alison Davis. 2020-2022. “At Risk Community Mapping: Evaluating Access to Healthcare in Rural America.” *USDA National Institute of Food and Agriculture*. \$165,000, awarded and returned due to postdoctoral fellow (Van Sandt) faculty placement.

Carpenter, Craig Wesley. 2018-2020. “Building Entrepreneurial Communities: Year 2.” *Texas Community Development Institute*. \$900. Invited.

Skaff, Rebecca, Craig Wesley Carpenter, Diana Jones, Steven Klose, George McWhorter, John Penson, Jr., Kalu Senarath Dharmasena, Victoria Salin, and Robert Strong, Jr. 2019. “Philippines: Agricultural Credit and Finance.” *USDA Foreign Agricultural Service*. \$61,592.

Carpenter, Craig Wesley, Charles Tolbert, and Rick Peterson. 2018-2023. “Leveraging Big Data to Investigate and Support ‘Vetpreneurs.’” *USDA National Institute of Food and Agriculture*. \$500,000.

Carpenter, Craig Wesley, Rebekka Dudensing, Scott Loveridge, and Linda Niehm. 2017-2021. “Mapping Economic Opportunity in Rural America: Mining Big Data for Decision Making in Business Development.” *USDA National Institute of Food and Agriculture*. \$500,000.

McDonald, Ronnie, John Cooper, Rebekka Dudensing, Craig Wesley Carpenter, Jimmy Henry, Jamie Rae Walker, and Kevin Andrews. 2016-2017. “Stronger Economies Together, Phase VI.” *USDA Rural Development*. \$26,400.

V. RESEARCH

Journal Articles – Refereed

Mencken, Carson, Carpenter Wesley Carpenter, Michael Lotspeich-Yadao, and Charles M. Tolbert. 2022. “The Effects of Locally Owned Bank Concentration on Economic Growth from 1980-2010: Differences in Metropolitan, Micropolitan, and Non-Core Commuting Zones.” *Rural Sociology*, revise and resubmit.

Carpenter, Craig Wesley, Anders Van Sandt, and Scott Loveridge. 2022. “Food and Agricultural Industry Locational Determinants Research: Aggregation Bias and Size Measurement in the Agricultural Support Industry.” *Agricultural and Resource Economics Review*, forthcoming in issue. <https://doi.org/10.1017/age.2022.21>

Carpenter, Craig Wesley, Tyler Augst, Harmony Fierke-Gmazel, Bradley Nuemann, and Richard Wooten. 2022. “Pursuing Antiracist Public Policy Education: An Example Connecting the Racist History of Housing Policy to Contemporary Inequity.” *Journal of Extension*, forthcoming.

Carpenter, Craig Wesley, Anders Van Sandt, Rebekka Dudensing, Scott Loveridge, and Linda Niehm. 2022. “The Economic Opportunity Mapping (EOM) Tool.” *Journal of Extension*, forthcoming.

Van Sandt, Anders, Craig Wesley Carpenter, and Charles M. Tolbert. 2022. “Decomposing Local Bank Impacts with Demand Thresholds.” *The Annals of Regional Science*, forthcoming in issue. <https://doi.org/10.1007/s00168-022-01148-4>

Carpenter, Craig Wesley, Michael Lotspeich-Yadao, and Charles M. Tolbert. 2022. “When to Use Commuting Zones? An Empirical Description of Spatial Spillover Effects in U.S. Counties versus Commuting Zones.” *PLoS ONE*, 17(7): e0270303. <https://doi.org/10.1371/journal.pone.0270303>

Van Sandt, Anders, and Craig Wesley Carpenter. 2022. “So Close, Yet So Far: The Benefits and Limits of Rural-Urban Industry Linkages.” *Sustainability*, 14(5): 2875. <https://doi.org/10.3390/su14052875>

Carpenter, Craig Wesley, Anders Van Sandt, and Scott Loveridge. 2022. “Measurement Error in U.S. Regional Economic Data.” *Journal of Regional Science*, 62(1): 57-80. <https://doi.org/10.1111/jors.12551>

Carpenter, Craig Wesley, Rebekka Dudensing, and Anders Van Sandt. 2022. “Estimating Determinants of Establishment Locations of Transportation and Warehousing Industries Using U.S. Administrative Data.” *REGION*, 9(1): 1–27. <https://doi.org/10.18335/region.v9i1.366>

Carpenter, Craig Wesley, Anders Van Sandt, Rebekka Dudensing, and Scott Loveridge. 2022. “Profit Pools and Determinants of Potential County-Level Manufacturing Growth.” *International Regional Science Review*, 45(2), 188-224. <https://doi.org/10.1177/01600176211028761>

Carpenter, Craig Wesley, and Scott Loveridge. 2021. "Can Latinx Entrepreneurship Help Rural America?" *Choices*, 36(4): 1-6. <https://www.choicesmagazine.org/choices-magazine/submitted-articles/can-latinx-entrepreneurship-help-rural-america>

Carpenter, Craig Wesley, Anders Van Sandt, and Scott Loveridge. 2021. "Empirical Methods in Business Location Research." *Regional Studies, Regional Science*, 8(1): 344-361. <https://doi.org/10.1080/21681376.2021.1976261>

Carpenter, Craig Wesley, and J. Matthew Fannin. 2021. "Back to the Future: Re-Incorporation of 'Metropolitan Character' in Core-Based Statistical Area Delineations." *Journal of Regional Analysis and Policy*, 51(2): 67-81. <https://jrap.scholasticahq.com/article/27688-back-to-the-future-re-incorporation-of-metropolitan-character-in-u-s-core-based-statistical-area-delineations>

Van Sandt, Anders, Craig Wesley Carpenter, Scott Loveridge, and Rebekka Dudensing. 2021. "Estimating Determinants of Health Care Establishment Locations with Restricted Federal Administrative Data." *Health Economics*, 30(6): 1328-1346. <http://doi.org/10.1002/hec.4242> (*Agricultural and Applied Economics Association*, Health Economics best publication award)

Carpenter, Craig Wesley, Scott Loveridge, and Maureen Mickus. 2021. "Research Note: Age, Retirement, and Intertemporal Resource Decision Ability." *Journal of Consumer Affairs*, 55(2): 542-555. <https://doi.org/10.1111/joca.12353>

Carpenter, Craig Wesley, F. Carson Mencken, Charles Tolbert, and Michael Lotspeich. 2020. "Locally Owned Bank Concentration and New Business Start-Ups in Metropolitan, Micropolitan and Non-Core Rural Counties from 1970-2010." *Review of Regional Studies*, 50(1): 17-42. <https://doi.org/10.52324/001c.11479>

Carpenter, Craig Wesley, and Scott Loveridge. 2020. "Business, Owner, and Regional Characteristics in Latino-owned Business Growth: An Empirical Analysis Using Confidential Census Microdata." *International Regional Science Review*, 43(3): 254-285. <https://doi.org/10.1177/0160017619826278>

Carpenter, Craig Wesley, David Anderson, and Rebekka Dudensing. 2019. "The Effects of Oil Drilling on Local Human Capital Investment." *Journal of Agricultural and Applied Economics*, 51(2): 199-218. <https://doi.org/10.1017/aae.2018.34>

Carpenter, Craig Wesley, and Scott Loveridge. 2019. "A spatial model of growth relationships and Latino-owned business." *The Annals of Regional Science*, 63(3): 541-557. <https://doi.org/10.1007/S00168-019-00942-x>

Carpenter, Craig Wesley, and Scott Loveridge. 2019. "Factors Associated with Latino-Owned Business Survival in the United States." *Review of Regional Studies*, 49(1): 73-97. <https://doi.org/10.52324/001c.7933>

Carpenter, Craig Wesley, and Scott Loveridge. 2018. "Differences between Latino-Owned Businesses and White, Black, or Asian-Owned Businesses: Evidence from Census Microdata." *Economic Development Quarterly*. 32(3): 225-241. <https://doi.org/10.1177/0891242418785466>

Carpenter, Craig Wesley, and Scott Loveridge. 2017. “Immigrants, Self-Employment, and Growth in American Cities.” *Journal of Regional Analysis and Policy*, 47(2): 100-109.

United States Census Bureau, Center for Economic Studies, Paper Series

Anders, John, and Craig Wesley Carpenter. 2021. “The Long Run Effects of Military Service: Evidence from the 911 Attacks.” *United States Census Bureau, Center for Economic Studies*, Paper No. CES 21-36. <https://www.census.gov/library/working-papers/2021/adrm/CES-WP-21-36.html>.

Van Sandt, Anders, and Craig Wesley Carpenter. 2021. “A Note on the Locational Determinants of the Agricultural Supply Chain.” *United States Census Bureau, Center for Economic Studies*, Paper No. CES-21-16. <https://www.census.gov/library/working-papers/2021/adrm/CES-WP-21-16.html>

Carpenter, Craig Wesley, F. Carson Mencken, Charles Tolbert, and Michael Lotspeich. 2018. “Locally Owned Bank Commuting Zone Concentration and Employer Start-Ups in Metropolitan, Micropolitan and Non-Core Rural Commuting Zones from 1980-2010.” *United States Census Bureau, Center for Economic Studies*. <https://ideas.repec.org/p/cen/wpaper/18-34.html>

Carpenter, Craig Wesley. 2016. “The Impact of Latino-Owned Business on Local Economic Performance.” *United States Census Bureau, Center for Economic Studies*, Paper No. CES-WP-16-34. Accessible at SSRN: <http://ssrn.com/abstract=2817490> or <http://dx.doi.org/10.2139/ssrn.2817490>

Carpenter, Craig Wesley. 2016. “The Dynamics of Latino-Owned Business with Comparisons to Other Ethnicities.” *United States Census Bureau, Center for Economic Studies*, Paper No. CES-WP-16-33. Accessible at SSRN: <http://ssrn.com/abstract=2817448> or <http://dx.doi.org/10.2139/ssrn.2817448>

Research Presentations

Dr. Carpenter has presented his research at more than 40 international, national, regional, and state academic conferences in the past five years. A full list is available upon request.

VI. EXTENSION AND OUTREACH

Facilitates community and regional economic workshops across Michigan and Texas to help communities identify and implement economic opportunities with a high likelihood of success. Conducts research on regional minority entrepreneurship, and quality of life relevant to maintaining populations, jobs, and income. Works with graduate students, postdoctoral scholars, and facilitates trainings for economic development professionals, stakeholders, public officials, and Extension agents to foster understanding of tools and research in economic development.

Extension and Outreach Publications and Presentations

Dr. Carpenter has dozens of Extension/outreach publications, produced over 40 blog posts, provided interviews for popular press articles, runs social media accounts, developed the Economic Opportunity Mapping Tool – which was adopted by Texas A&M AgriLife Extension Service, Michigan State University Extension, and University of Wyoming Extension – and

presented at over 50 Extension/outreach conferences and meetings. He also researched and developed the History of Redlining in Michigan website (<https://www.canr.msu.edu/redlining/>), which has been integrated into MSU Extension housing programs, invited to be presented by the *National Association of Community Development Extension Professionals*, by the *National Land Use Planning Community of Practice* to provide Certification Maintenance by the *American Planning Association* and the *American Institute of Certified Planners (AICP)*, and by the Michigan State Housing Development Authority (MSHDA). It was cited multiple times in MSHDA's first Statewide Housing Plan and won regional and national awards. A full list of Extension projects, publications, and presentations is available upon request.

VII. TEACHING AND MENTORSHIP

Masters Students Graduated

Beaty, Taylre. 2019. "An Overview of Rural Broadband Policy Analysis, Challenges and Opportunities." *Department of Agricultural Economics, Texas A&M University*. Member.

Funded and Supervised Postdoctoral Research Associates

Deming, Kristopher. 2022-present

Anders, John. 2019-2020. Placement: Trinity University, Department of Economics, tenure-track Assistant Professor.

Van Sandt, Anders. 2018-2020. Placement: University of Wyoming, Department of Agricultural and Applied Economics, tenure-track Assistant Professor.

Teaching Experience

Organization of the Agri-Food System (Michigan State University, 2022)

Principles of Microeconomics (Albion College, 2014-2015)

Intermediate Microeconomics (Albion College, 2014-2015)

Economics and Management Statistics (Albion College, 2015)

VIII. SERVICE

Journal Article Reviewer

Agriculture; The Annals of Regional Science; Applied Economics; Applied Economics Letters; Applied Sciences; Choices; Cities; Economic Development Quarterly; Energies; Eurasian Business Review; International Journal of Environmental Research and Public Health; International Regional Science Review; Journal of Agricultural and Applied Economics; Journal of Regional Analysis and Policy; Journal of Rural and Community Development; Land; Latino Studies; Mathematics; Papers in Regional Science; PLoS ONE; REGION; Review of Regional Studies; Scientific Reports; Small Business Economics; Southern Economic Journal; Sustainability.

Service and Leadership Roles

National Association of Community Development Extension Professionals (NACDEP), Finance Committee, Chair, 2021-present.

Agricultural and Applied Economics Association, Community and Regional Economics Network (CRENET) section, Past-Chair, 2022-2023; Chair, 2021-2022; Chair-elect, 2020-2021.

NE2249: Sustainable and Inclusive Rural Economic Development to Enhance Housing, Health, Entrepreneurship, and Equity (USDA-funded multistate research project group, as President led renewal of former group, *NE1749: Enhancing Rural Economic Opportunities, Community Resilience, and Entrepreneurship*), President, 2021-2022; President-elect, 2020-2021.

Mid-Continent Regional Science Association, Past-President, 2022-2023; President, 2021-2022; President-elect, 2019-2021; Vice President, 2018-2019.

Michigan State University, Department of Agricultural, Food, and Resource Economics, Committee service: Graduate Admissions & Recruitment, 2022-2023; Undergraduate Policy 2022-2023; position search committees, 2022.

Michigan State University, Julian Samora Research Institute, Faculty Affiliate, 2019-present.

Texas A&M University, Council of Principal Investigators, elected representative, 2017-2022.

Texas A&M University, Department of Agricultural Economics, Faculty Advisory Committee, 2021-2022.

United States Census Bureau, Federal Statistical Research Data Center Projects require pre-agreed outputs to improve Census Bureau data in addition to the research efforts. The projects thus contain both research and service components. Projects #CO2716 Co-PI; #TX2297 PI; #TX2120 Co-PI; #TX1835 PI; #TX1320 Co-PI; #AT1215 PI.