

Andrew J. Van Leuven

CONTACT INFORMATION	Department of Agricultural Economics	530 Agricultural Hall
	Oklahoma State University andrewvanleuven@okstate.edu	Stillwater, OK 74078 (405) 744-6854
EDUCATION	Ph.D., Public Policy & Management	2021
	Ohio State University, Columbus, OH	
	Graduate Minor: City & Regional Planning	
	M.A., Geography & Urban Studies	2016
	Temple University, Philadelphia, PA	
	B.S., Geography (emphasis in Urban & Regional Planning)	2014
	Brigham Young University, Provo, UT	
ACADEMIC & PROFESSIONAL EXPERIENCE	Assistant Professor of Community and Rural Development	2022–
	Department of Agricultural Economics	
	Oklahoma State University, Stillwater, OK	
	Appointment: Research 25%, Extension 75%	
	Director, Center for Oklahoma Small Business Research & Analysis	2023–
	Oklahoma Small Business Development Center	
	Postdoctoral Fellow, Division of Applied Social Sciences & MU Extension	2021
	College of Agriculture, Food and Natural Resources	
	University of Missouri, Columbia, MO	
	Graduate Instructor & Teaching Assistant	2019–21
	Graduate Research Associate	2016–20
	John Glenn College of Public Affairs	
	Ohio State University, Columbus, OH	
	Transportation & Walkability Intern	2015
	Montgomery County Planning Commission, Norristown, PA	

Publications and Research

JOURNAL
ARTICLES

8. Taylor, **A. Van Leuven**, and S. Robinson, (2023). The Role of Community Capital in Rural Renewal. *Local Development & Society*. doi:10.1080/26883597.2023.2258453
7. **A. Van Leuven**, S. Low, and E. Hill, (2022). What Side of Town? How Proximity to Critical Survival Factors Affects Rural Business Longevity. *Growth and Change*. doi:10.1111/grow.12652
6. S. Low, M. Rahe, and **A. Van Leuven**, (2022). Has COVID-19 Made Rural Areas More Attractive Places to Live? Survey Evidence From Northwest Missouri. *Regional Science Policy and Practice*. doi:10.1111/rsp3.12543
5. **A. Van Leuven**, (2022). Leveraging Main Street as a Real Estate Amenity: Downtown Revitalization and Residential Property Values. *Journal of Planning Education & Research*. doi:10.1177/0739456X221082500
4. **A. Van Leuven**, (2022). A Method for Defining Downtown Business District Boundaries in Pre-Automobile Towns and Cities. *Cityscape*. Vol. 25, No. 1. <https://www.jstor.org/stable/48657957>

	<p>3. A. Van Leuven and E. Hill, (2021). Legacy Regions, Not Legacy Cities: Growth and Decline in City-Centered Regional Economies. <i>Journal of Urban Affairs</i>. doi:10.1080/07352166.2021.1990775</p> <p>2. A. Van Leuven, (2021). The Impact of Main Street Revitalization on the Economic Vitality of Small-Town Business Districts. <i>Economic Development Quarterly</i>. doi:10.1177/08912424211038060</p> <p>1. Y. Chun, S. Pierce, and A. Van Leuven, (2021). Are Foreclosure Spillover Effects Universal? Variation Over Space and Time. <i>Housing Policy Debate</i>. doi:10.1080/10511482.2021.1882533</p>
BOOK CHAPTERS	A. Van Leuven , (2023). Central Business District. (ACCEPTED at <i>The Encyclopedia of Human Geography</i> , edited by Barney Warf)
REVISE AND RESUBMIT	A. Schaefer and A. Van Leuven . Quantifying the Rural Legal Desert Problem: Assessing Access to Justice and Legal Services in Marginalized Communities. (REVISE & RESUBMIT at <i>South Dakota Law Review</i>)
UNDER REVIEW	<p>A. Van Leuven, K. Conley, T. Conroy, and D. Lambert. <i>Locational Determinants of Lending Deserts in the Rural United States</i></p> <p>A. Van Leuven and T. Conroy. <i>Dynamics, Determinants, and Data Sources: A Spatial Examination of the Childcare Shortage</i></p> <p>A. Hagerman, A. Schaefer, F. Tsiboe, A. Van Leuven, A. Young, and Y. Zereyesus. <i>Mitigating Structural Inequities in U.S. Agricultural Risk Management</i></p> <p>C. Biedny, B. Whitacre, and A. Van Leuven. <i>Do Gigabits Mean Business? “Ultra-Fast” Broadband Availability’s Effect on Business Births</i></p> <p>T. Ochsner, L. Harvey, D. Bathke, S. Brasher, A. Brown, L. Bui, R. Crespo, M. Emery, T. Haigh, D. Hill, J. Hammack, N. Lam, S. Robinson, A. Van Leuven, P. Weckler, and F. Wood-Black. <i>A Call for Research and Capacity Building to Strengthen Rural Climate Resilience</i></p>
WORKING PAPERS & IN PROGRESS	<p>A. Van Leuven, E. Hill, and S. Low. <i>Regional and Local Economic Anchors: Not Just ‘Meds and Eds’</i></p> <p>A. Van Leuven, and A. Weinstein. <i>Neighborhood Quality of Life and the Role of the ‘Third Place’</i></p> <p>A. Van Leuven. <i>Brick-and-Mortar Financial Institutions and Regional Borrowing: Do Branch Closures Leave Money on the Table?</i></p> <p>A. Van Leuven, C. Bir, and R. Biggs. <i>Community Determinants of Rural Veteranian Longevity</i></p>

Funding & Grants

EXTERNAL FUNDING	<p>NSF EPSCoR Research Infrastructure Improvement Grant 2023</p> <p>\$3,716,507 grant for 4-yr project <i>RURAL CONFLUENCE: Communities and Academic Partners Uniting to Drive Discovery and Build Capacity for Climate Resilience</i>. Co-PI, with researchers at OK State, U. of Nebraska, & LSU</p> <p>U.S. Small Business Administration Grant 2023</p> <p>\$500,000 congressional earmark grant for 2-yr project <i>Oklahoma Rural E-Commerce Academy</i>. Co-PI, with June Park</p>
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	USDA ERS Resource & Rural Economics Division (RRED)	2023
	\$20,000 cooperative agreement for 2-yr project <i>Rural Bank Branch Closure</i> . Project lead, with Kelsey Conley (ERS Rural Economy Branch), Dayton Lambert, and Tessa Conroy	
	Center for Oklahoma Small Business Research and Analysis	2023
	\$34,787 grant to operate a research center providing market research and financial data to small business development advisors. PI.	
	Rural Renewal Initiative Research Seed Grant	2023
	\$90,000 grant for project <i>The Measured and Perceived Impact of Marijuana Production on Commerce on Rural Economies, Public Utilities, and Quality of Life</i> . Co-PI, with Brian Whitacre (project lead) et al.	
	Cotton, Inc. Research and Promotion Program	2022
	\$22,500 grant for project <i>The Economic Impact of the Cotton Industry in Oklahoma</i> . Project Lead, with P. Kenkel, D. Lambert, H. Shear, and J. Vitale	
	Oklahoma Small Business Development Center	2022
	\$59,358 grant to operate a research center providing market research and financial data to small business development advisors. Co-PI with Rodney Holcomb	
INTERNAL FUNDING	OSU Extension Undergraduate Extension Scholars	2023
	\$2,000 grant for project <i>Strategic Planning for Rural Transit in Northern Oklahoma</i> with Cherokee Strip Transit, advising student Pat Kane	
	Ferguson College of Agriculture Undergraduate Research Scholars	2022
	\$2,000 grant for project <i>Factors Affecting Extreme Weather Event Recovery and Resilience Among Rural Communities and Agricultural Producers in Oklahoma</i> , advising student Tess Haddock with Co-PI Amy Hagerman	
	Ohio State University Graduate School	2019
	\$3,000 grant from OSU Alumni Grants for Graduate Research and Scholarship (AGGRS) to work on dissertation research	
	OSU Center for Real Estate	2019
	\$3,500 grant stipend for project <i>Leveraging Main Street as a Rural Real Estate Amenity</i>	
	BYU Office of Research and Creative Activities	2013
	\$1,500 grant for project “ <i>Missing Teeth: The Economic Impact of Holes in the Urban Fabric</i> ”	

Cooperative Extension & Outreach

WORKSHOPS, TRAINING, & CONFERENCES	Workshop: <i>Econ. Development: The Role of County Officials</i>	JUN. 2023
	Training with county government practitioners on using publicly available data to understand the local or regional economy. Stillwater, OK.	
	Webinar: <i>The Economics of Downtown Revitalization</i>	APR. 2023
	Presentation highlighting the value of downtown revitalization and why quantitative evaluation is important. Delivered through the University of Wisconsin Extension “ Lunch-n-Learn ” Series, Virtual.	

	Workshop: <i>Community Development Data Literacy</i> DEC. 2022 Training on data basics: how to find and use secondary data, cautions and pitfalls, using data for decision-making. Ada, OK.
	Workshop: <i>Entrepreneurship and Rural Economies</i> APR. 2022 Presented to with Associated Electric Cooperative Inc., with Mallory Rahe and Steven Mukembo (U of Missouri Extension). Virtual.
	In-Service Training: <i>Data Literacy for Rural Economies</i> APR. 2022 Webinar to help Extension educators become familiar with sources and applications for using economic data in rural Oklahoma counties. Virtual.
	Conference: <i>Creating Entrepreneurial Communities</i> SEP. 2021 Facilitator/Presenter for session, <i>Main Street and Downtown Revitalization: What Works and What to Avoid</i> . Location: Hannibal, MO.
FACT SHEETS & REPORTS	H. Park and A. Van Leuven , (Aug. 2023), <i>Digital Retailing and Marketing: Tools for Rural Small Businesses Navigating the Digital Age</i> , OSU Extension Fact Sheet (AGEC-632). M. White and A. Van Leuven , (Jul. 2023), <i>Changes in Farm Employment, 1969 to 2021</i> , farmdoc daily, 13(130) . R. Zimmer, S. Hilburn, A. Van Leuven , and B. Whitacre, (Mar. 2023), <i>Medical Marijuana Dispensaries in Oklahoma</i> , OSU AGECE Current Report (22009). A. Van Leuven , (Jan. 2023), <i>Participants in Community and Economic Development</i> , OSU Extension Fact Sheet (AGEC-950). N. Dethloff, A. Van Leuven , and C. Bir, (Oct. 2022), <i>Customer Service Basics for Agricultural Entrepreneurs</i> , OSU Extension Fact Sheet (AGEC-920). A. Van Leuven , (May 2022), <i>In Historic Town Centers Beauty is More than Skin Deep</i> , Southern Ag Today, (LINK). M. White and A. Van Leuven , (Oct. 2021), <i>Population Change, 2010 to 2020</i> , MU Exceed Missouri Economy Indicators Series, 2(16) . A. Van Leuven , (Sep. 2021), <i>Transportation and Logistics Infrastructure</i> , MU Exceed Missouri Economy Indicators Series, 2(15) . H. McClure, A. Van Leuven , and S. Low, (Aug. 2021), <i>Transfer Payments to Individuals</i> , MU Exceed Missouri Economy Indicators Series, 2(12) .
FACT SHEETS IN PROGRESS	T. Haddock, A. Hagerman, and A. Van Leuven . <i>Quantifying Exposure to Extreme Weather Events Among Rural Communities and Agricultural Producers in Oklahoma</i> E. Norris and A. Van Leuven . <i>An Overview of the Cotton Sector in Oklahoma</i>
INVITED TALKS & PANELS	OK Farm Bureau “Activate Oklahoma” Business Accelerator Panel JUN. 2023 Alva, OK Chamber of Commerce MAY 2023 Stigler-Haskell County, OK Chamber of Commerce APR. 2023 Langston, OK Community Forum FEB. 2023 Small Business Development 4-County Consortium (Wilburton, OK) FEB. 2023 Langston, OK Economic Development & Planning Committee DEC. 2022 Red River Leadership Institute (Broken Bow, OK) NOV. 2022

The Oklahoma Academy Town Hall (Durant, OK)	OCT. 2022
Okemah Chamber of Commerce (Okemah, OK)	OCT. 2022
AARP Livable Communities Housing Workshop (Virtual)	SEP. 2022
Southern Workforce Board (Atoka, OK)	AUG. 2022
Johnston County Industrial Authority (Tishomingo, OK)	JUL. 2022
Buffalo, OK Economic Development and Revitalization Committee	MAY 2022
Marshall County Economic Development Authority (Madill, OK)	MAY 2022
Shattuck, OK Economic Development Committee	APR. 2022

Teaching & Instructional Experience

COURSES TAUGHT	PUBAFRS 2110: Introduction to Public Affairs (Ohio State Univ.)
	<i>Instructor of Record</i> Spring 2021 <i>Teaching Assistant</i> Fall 2020
	PUBAFRS/CRPLAN 7531: Economic Development Policy (Ohio St.)
	<i>Co-Instructor & Teaching Assistant</i> Spring 2019, 2020
WORKSHOPS & INVITED LECTURES	“Using R and ggplot2 for Agricultural Economics Data Visualization.” Graduate workshop for Oklahoma State AGECE graduate students. Nov. 2023.
	“Rural Development in Theory and Practice”. Invited guest lecture for <i>RCPL 5723: Community Development & Revitalization</i> course in University of Oklahoma Department of Regional and City Planning. Norman, OK, Feb. 2022.
	“Using the Grammar of Graphics in Applied Economic Research.” Invited graduate workshop at University of Illinois Department of Agricultural & Consumer Economics. Urbana, IL, Oct. 2022.
	“What is Rural Economic Development?” Invited guest lecture for <i>AECL 5003: Developing Rural Scholars for Community Engagement</i> course in OSU Department of Agricultural Education, Communication & Leadership. Apr. 2022.

Conferences, Seminars, & Other Academic Talks

2023	A. Van Leuven , “ <i>Brick-and-Mortar Financial Institutions and Regional Borrowing: Do Branch Closures Leave Money on the Table?</i> ” Selected paper at the Association for Public Policy Analysis and Management (APPAM) Fall Research Conference, Atlanta. Nov. 2023.
	A. Van Leuven , E. Hill, and S. Low, “ <i>Redefining Local Economic Anchors: Not Just Eds and Meds.</i> ” Selected paper at Association of Collegiate Schools of Planning Annual Conference, Chicago. Oct. 2023.
	A. Schaefer and A. Van Leuven , “ <i>Quantifying the Rural Legal Desert Problem: Assessing Access to Justice and Legal Services.</i> ” Invited paper at the South Dakota Law Review Symposium on Rural Lawyers, Vermillion, SD. Sep. 2023.
	A. Van Leuven , K. Conley, T. Conroy, and D. Lambert, “ <i>Do ‘Banking Deserts’ Even Exist? Brick-and-Mortar Lending Access in the Continental US.</i> ” Selected paper at Agricultural & Applied Economics Association Annual Meeting, Wash. DC. Jul. 2023.

- A. Van Leuven**, “Do ‘Banking Deserts’ Even Exist? Examining Access to Brick-and-Mortar Lending Institutions in the Continental United States.” Invited seminar at University of Arkansas Department of Agricultural Economics and Agribusiness, Fayetteville, AR, Jul. 2023.
- A. Van Leuven**, R. Taylor, and S. Robinson, “The Role of Community Capital in Rural Renewal.” Invited seminar at Iowa State University Community and Economic Development Extension and Outreach, Ames, IA, Jun. 2023.
- A. Hagerman, A. Schaefer, F. Tsiboe, **A. Van Leuven**, A. Young, and Y. Zereyesus, “Mitigating Structural Inequities in U.S. Agricultural Risk Management.” Selected paper at the AAEA Conference on Economics of Inequity in Agricultural, Food, and Environmental Systems, Minneapolis, May 2023.
- A. Van Leuven**, K. Conley, T. Conroy, and D. Lambert, “Locational Determinants of Lending Deserts in the Rural United States.” Selected paper at Southern Regional Science Association Annual Meeting, Savannah, GA, Apr. 2023.
- A. Van Leuven**, “Measuring the Economics of Downtown Revitalization: Putting Some ‘Oomph’ Behind the Numbers.” Invited workshop at Main Street Now Annual Conference, Boston, Mar. 2023.
- A. Hagerman, A. Schaefer, **A. Van Leuven**, Y. Zereyesus, F. Tsiboe, A. Young, “Factors Affecting Crop Insurance Use Among Underserved Farmers.” Selected paper at Southern Agricultural Economics Association Annual Meeting, OKC, Feb. 2023.
- C. Bir and **A. Van Leuven**, “Community Determinants of Rural Veterinarian Longevity.” Selected paper at Southern Agricultural Economics Association (SAEA) Annual Meeting, Oklahoma City, Feb. 2023.
- 2022 B. Whitacre and **A. Van Leuven**, “A ‘Significant Crisis and Financial Windfall’: The Proliferation of Medical Marijuana in Rural Oklahoma.” Selected paper at North American Regional Science Council Annual Conference, Montreal, QC, Nov. 2022.
- A. Van Leuven** and T. Conroy, “The Economic Dynamism of Child Care Establishments in the United States.” Selected paper at North American Regional Science Council Annual Conference, Montreal, QC, Nov. 2022.
- A. Van Leuven**, “The Economic Value of Placemaking in Rural Oklahoma.” Invited talk at the Rural Renewal Symposium, Stillwater, OK, Oct. 2022.
- A. Van Leuven**, “Quantifying the Impact of Main Street Revitalization.” Invited talk at Chicago Federal Reserve Bank & Upjohn Institute Conference on Rural Economic Development, Grand Rapids, MI, Oct. 2022.
- S. Low, M.C. White, **A. Van Leuven**, and R. Russell, “Labor Market Impacts of Increasing Worker-age Mortality: a Mixed Methods Analysis.” Selected paper at Agricultural & Applied Economics Association Annual Meeting, Anaheim, CA. Aug. 2022.
- B. Whitacre, C. Biedny, and **A. Van Leuven**, “Rural Gigabits and Business Births” Selected paper at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Anaheim, CA. Aug. 2022.
- 2021 M. Rahe, S. Low, and **A. Van Leuven**, “Living and Working in Rural Regions: Survey Perceptions During the COVID Pandemic.” Selected paper at North American Regional Science Council Annual Conference, Denver, CO, Nov. 2021.
- S. Low, **A. Van Leuven**, M.C. White and R. Russell, “Labor Market Consequences of Increases in Rural Prime Age Mortality.” Selected paper at North American Regional Science Council (NARSC) Annual Conference, Denver, CO, Nov. 2021.

- A. Van Leuven**, “*Spatially-Fixed Critical Location Factors as Determinants of Business Establishment Survival.*” Selected paper at Mid-Continent Regional Science Association (MCRSA) Annual Conference, Virtual, Jun. 2021.
- A. Van Leuven**, “*The Impact of Main Street Revitalization on the Economic Vitality of Small-Town Business Districts.*” Selected paper at Southern Regional Science Association Conference, Virtual, Apr. 2021.
- A. Van Leuven**, “*Leveraging Main Street as a Real Estate Amenity: Retail Corridor Revitalization and Residential Property Values.*” Selected poster at American Real Estate and Urban Economics Association (AREUEA) Annual Meeting, Virtual, Jan. 2021
- 2020 E. Hill and **A. Van Leuven**, “*Are They Better Off? Municipal Annexation and the Socioeconomic Well-Being of a City’s Lowest-Income Residents.*” Selected paper at Association of Collegiate Schools of Planning Annual Conference, Virtual, Nov. 2020.
- 2019 **A. Van Leuven**, “*The Impact of Main Street Revitalization on Small-Town Business Districts.*” Invited paper at Upjohn Institute & Chicago Federal Reserve Bank Research Workshop on Rural Economic Development, Kalamazoo, MI, Oct. 2019.
- A. Van Leuven**, “*Renovating Small-Town Central Business Districts: The Impact of Main Street Revitalization on Local Job Growth.*” Selected paper at Association of Collegiate Schools of Planning Annual Conference, Greenville, SC, Oct. 2019.
- 2018 **A. Van Leuven**, “*The Post-Recession Resilience of Legacy Regions.*” Selected paper at Association of Collegiate Schools of Planning Annual Conference, Buffalo, NY, Oct. 2018.
- A. Van Leuven** and E. Hill, “*Resilience in the Face of Chronic Distress: U.S. Metropolitan Areas After the Great Recession.*” Invited Paper at Federal Reserve Bank of Atlanta & Upjohn Institute Research Workshop, Atlanta, GA, May 2018.
- A. Van Leuven** and E. Hill, “*Rethinking the Legacy City: Regional Evidence Matters.*” Selected paper at Urban Affairs Association (UAA) Conference (Toronto, Apr. 2018) and the Southern Regional Science Association (SRSA) Conference (Philadelphia, Mar. 2018).
- 2017 **A. Van Leuven** and E. Hill, “*Regional Economic Resilience After the Great Recession: The Economic Performance of U.S. Metropolitan Statistical Areas.*” Selected paper at Association of Collegiate Schools of Planning (ACSP) Annual Conference, Denver, CO, Oct. 2017.
- 2015 **A. Van Leuven**, “*Making a Case for Walkability: Separating the Factors that Affect Home Values in Commuter Rail Suburbs.*” Paper presented at Middle States AAG Biennial Meeting, Binghamton, NY, Oct. 2015.
- A. Van Leuven**, “*Making a Case for Walkability: Separating the Factors that Affect Home Values in Commuter Rail Suburbs.*” Poster presented at Association of American Geographers (AAG) Annual Meeting, Chicago, IL, Apr. 2015.

Service, Media, and Professional Affiliations

ADVISING & MENTORSHIP

Graduate Student Advising (*indicates thesis/dissertation chair)

Tess Haddock (M.S.)*	<i>Expected 2025</i>
Bosede Ogunbamise (M.S.)*	<i>Expected 2024</i>
Emily Norris (M.Ag.)*	<i>Expected 2024</i>

	Sheriff Hassan (M.S.)	<i>Expected 2024</i>
	Sidany Hilburn (M.S.)	<i>Expected 2024</i>
	Katie Welch (Ph.D.)	<i>Expected 2024</i>
	Alicia Young (M.S.)	<i>2023</i>
	Undergraduate Student Mentorship	
	<i>Tess Haddock</i> – Collaboration on research poster presentation and fact sheet (2022–23)	
	<i>Pat Kane</i> – Collaboration on Extension project and fact sheet (2023)	
SERVICE TO PROFESSION & COMMUNITY	Hatch Multistate Research Project NE-2249	<i>2022–</i>
	<i>President-Elect (2023–24)</i>	
	<i>Project Title:</i> “Sustainable and Inclusive Rural Economic Development to Enhance Housing, Health, Entrepreneurship, and Equity”	
	Southern Region Program Leadership Network	<i>2022–</i>
	<i>Community Resource Development (CRD) Committee Representative</i>	
	Federal Grant Peer Review Panelist	<i>2021, 2022</i>
	<i>USDA AFRI Rural and Economic Development Grant Program</i>	
	Glenn College Doctoral Student Organization	<i>2016–21</i>
	<i>President (2018–19); Treasurer (2017–18)</i>	
	Glenn College Research Colloquium Series Coordinator	<i>2019–20</i>
	City of Stillwater, Oklahoma Planning Commissioner	<i>2023–</i>
JOURNAL PEER REVIEW	<i>Agricultural Finance Review; Economic Development Quarterly; Growth and Change; Journal of Rural & Community Development; Journal of Urban Affairs; Letters in Spatial and Resource Sciences; Review of Regional Studies (x2); Telematics and Informatics; Urban Affairs Review (x2)</i>	
CONFERENCE ABSTRACT REVIEW	Agricultural & Applied Economics Association Annual Conference (x2) Academy of Management Annual Meeting (x2) Oklahoma State University Rural Renewal Symposium Ohio State University Real Estate & Housing Conference	
MEDIA & PRESS	<i>The Journalist’s Resource</i> at Harvard Kennedy School Interviewed for article about my research: “ <i>New research explores how Main Street revitalization programs affect job and business growth in rural communities.</i> ” (LINK)	
PROFESSIONAL AFFILIATIONS	Agricultural & Applied Economics Association (AAEA) Association for Public Policy Analysis and Management (APPAM) Association of Collegiate Schools of Planning (ACSP) Community and Regional Economics Network (CRENET) of AAEA Mid-Continent Regional Science Association (MCRSA) North American Regional Science Council (NARSC) Southern Region Extension Program Leadership Network (SR-PLN) Southern Regional Science Association (SRSA)	

Technical Skills, Certifications, & Additional Training

TECHNICAL SKILLS & LANGUAGES	<i>Basic Knowledge:</i> Python, Stata, Tableau, Adobe Creative Suite, IMPLAN <i>Intermediate/Advanced Knowledge:</i> R, ArcGIS, Excel, LaTeX, Data Visualization <i>Languages:</i> English (Native), Spanish (Fluent)
ADDITIONAL TRAINING	Inter-University Consortium for Political and Social Research (ICPSR) <i>Summer Program in Quantitative Methods of Social Research – Ann Arbor, MI (2019)</i> COURSES: Multilevel Models I; Introduction to Python for Data Science