Andrew J. Van Leuven

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

Publications and Research

JOURNAL ARTICLES

- 9. A. Schaefer and **A. Van Leuven**, (2023). Quantifying the Rural Legal Desert Problem: Assessing Access to Justice and Legal Services in Marginalized Communities. (Accepted at *South Dakota Law Review*)
- 8. R. 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
- 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
- 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
- A. Van Leuven, (2022). Leveraging Main Street as a Real Estate Amenity: Down-town 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
- 3. A. Van Leuven and E. Hill, (2021). Legacy Regions, Not Legacy Cities: Growth and Decline in City-Centered Regional Economies. *Journal of Urban Affairs*. doi:10.1080/07352166.2021.1990775
- A. Van Leuven, (2021). The Impact of Main Street Revitalization on the Economic Vitality of Small-Town Business Districts. Economic Development Quarterly. doi:10.1177/08912424211038060
- Y. Chun, S. Pierce, and A. Van Leuven, (2021). Are Foreclosure Spillover Effects Universal? Variation Over Space and Time. Housing Policy Debate. doi:10.1080/10511482.2021.1882533

BOOK CHAPTERS

A. Van Leuven, (2023). Central Business District. (Accepted at *The Encyclopedia of Human Geography*, edited by Barney Warf)

REVISE AND RESUBMIT

- **A. Van Leuven**, D. Lambert, T. Conroy, and K. Conley. Do 'Banking Deserts' Even Exist? Examining Access to Brick-and-Mortar Financial Institutions in the Continental US. (Revise & Resubmit at *Applied Geography*)
- C. Biedny, B. Whitacre, and **A. Van Leuven**. Do Gigabits Mean Business? "Ultra-Fast" Broadband Availability's Effect on Business Births. (Revise & Resubmit at Information Economics and Policy)

Under Review

- **A. Van Leuven** and T. Conroy. *Dynamics, Determinants, and Data Sources: A Spatial Examination of the Childcare Shortage*
- A. Hagerman, A. Schaefer, F. Tsiboe, A. Van Leuven, A. Young, and Y. Zereyesus. *Mitigating Structural Inequities in U.S. Agricultural Risk Management*
- 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. A Call for Research and Capacity Building to Strengthen Rural Climate Resilience

WORKING PAPERS & IN PROGRESS

- **A. Van Leuven**, E. Hill, and S. Low. Regional and Local Economic Anchors: Not Just 'Meds and Eds'
- **A. Van Leuven**, and A. Weinstein. *Neighborhood Quality of Life and the Role of the 'Third Place'*
- **A. Van Leuven**, K. Conley, T. Conroy, and D. Lambert. *Brick-and-Mortar Financial Institutions and Regional Borrowing: Do Branch Closures Leave Money on the Table?*
- **A. Van Leuven**, C. Bir, and R. Biggs. Community Determinants of Rural Veterinarian Longevity

Funding & Grants

EXTERNAL FUNDING

NSF EPSCoR Research Infrastructure Improvement Grant

2023

\$3,716,507 grant for 4-yr project RURAL CONFLUENCE: Communities and Academic Partners Uniting to Drive Discovery and Build Capacity for Climate Resilience. Co-PI, with researchers at OK State, U. of Nebraska, & LSU

	U.S. Small Business Administration Grant \$500,000 congressional earmark grant for 2-yr project Oklahoma Rural E-Commerce Academy. Co-PI, with June Park	2023
	USDA ERS Resource & Rural Economics Division (RRED)	2023
	\$20,000 cooperative agreement for 2-yr project Rural Bank Branch Closure. Project lead, with Kelsey Conley (ERS Rural Economy Branch), Dayton Lambert, and Tessa Conroy	
	Center for Oklahoma Small Business Research and Analysis \$34,787 grant to operate a research center providing market research and financial data to small business development advisors. PI.	2023
	Rural Renewal Initiative Research Seed Grant \$90,000 grant for project The Measured and Perceived Impact of Marijuana Production on Commerce on Rural Economies, Public Utilities, and Quality of Life. Co-PI, with Brian Whitacre (project lead) et al.	2023
	Cotton, Inc. Research and Promotion Program \$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	2022
	Oklahoma Small Business Development Center \$59,358 grant to operate a research center providing market research and financial data to small business development advisors. Co-PI with Rodney Holcomb	2022
Internal Funding	OSU Extension Undergraduate Extension Scholars \$2,000 grant for project Strategic Planning for Rural Transit in Northern Oklahoma with Cherokee Strip Transit, advising student Pat Kane	2025
	Ferguson College of Agriculture Undergraduate Research Scholars \$2,000 grant for project Factors Affecting Extreme Weather Event Recovery and Resilience Among Rural Communities and Agricultural Producers in Oklahoma, advising student Tess Haddock with Co-PI Amy Hagerman	2022
	Ohio State University Graduate School \$3,000 grant from OSU Alumni Grants for Graduate Research and Scholarship (AGGRS) to work on dissertation research	2019
	OSU Center for Real Estate \$3,500 grant stipend for project Leveraging Main Street as a Rural Real Estate Amenity	2019
	BYU Office of Research and Creative Activities \$1,500 grant for project "Missing Teeth: The Economic Impact of Holes in the Urban Fabric"	2013
Pending External	USDA NIFA Agriculture and Food Research Initiative (AFRI) 20 \$450,000 research and outreach grant to measure, catalogue, and statistically examine rural "livability" and its determinants across the U.S. (Co-PI, with S. Deller & T. Conroy at UW-Madison)	024-27

Russell Sage Foundation Pipeline Grants Competition

2024-25

\$50,000 grant to explore spatial patterns of racial disparities in access to brickand-mortar financial institutions (Lead investigator, with co-PI Aujean Lee)

NSF Dynamics of Integrated Socio-Environmental Systems

2024-28

\$1.8M grant to research socio-environmental solutions to enhance rural infrastructure resilience and support thriving economies in the face of climate change. (Co-PI, with researchers from Univ. of Arkansas & Okla. St. Univ.)

Cooperative Extension & Outreach

WORKSHOPS, TRAINING, & CONFERENCES Workshop: Econ. Development: The Role of County Officials Jun. 2023

Training with county government practitioners on using publicly available data to understand the local or regional economy. Stillwater, OK.

Webinar: The Economics of Downtown Revitalization

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: Community Development Data Literacy

Dec. 2022

Training on data basics: how to find and use secondary data, cautions and pitfalls, using data for decision-making. Ada, OK.

Workshop: Entrepreneurship and Rural Economies

Apr. 2022

Presented to with Associated Electric Cooperative Inc., with Mallory Rahe and Steven Mukembo (U of Missouri Extension). Virtual.

In-Service Training: Data Literacy for Rural Economies

Apr. 2022

Webinar to help Extension educators become familiar with sources and applications for using economic data in rural Oklahoma counties. Virtual.

Conference: Creating Entrepreneurial Communities

SEP. 2021

Facilitator/Presenter for session, Main Street and Downtown Revitalization: What Works and What to Avoid. Location: Hannibal, MO.

FACT SHEETS & REPORTS

- A. Van Leuven, (Dec. 2023), More than Ever, Rural Communities Need Strong Third Places to Build Social Capital, Southern Ag Today, (LINK).
- H. Park and **A. Van Leuven**, (Aug. 2023), Digital Retailing and Marketing: Tools for Rural Small Businesses Navigating the Digital Age, OSU Extension Fact Sheet (AGEC-632).
- M. White and A. Van Leuven, (Jul. 2023), Changes in Farm Employment, 1969 to 2021, farmdoc daily, 13(130).
- R. Zimmer, S. Hilburn, **A. Van Leuven**, and B. Whitacre, (Mar. 2023), *Medical Marijuana Dispensaries in Oklahoma*, OSU AGEC Current Report (22009).
- **A. Van Leuven**, (Jan. 2023), Participants in Community and Economic Development, OSU Extension Fact Sheet (AGEC-950).
- N. Dethloff, A. Van Leuven, and C. Bir, (Oct. 2022), Customer Service Basics for Agricultural Entrepreneurs, OSU Extension Fact Sheet (AGEC-920).
- **A. Van Leuven**, (May 2022), In Historic Town Centers Beauty is More than Skin Deep, Southern Ag Today, (LINK).

M. White and A. Van Leuven, (Oct. 2021), *Population Change*, 2010 to 2020, MU Exceed Missouri Economy Indicators Series, 2(16).

A. Van Leuven, (Sep. 2021), *Transportation and Logistics Infrastructure*, MU Exceed Missouri Economy Indicators Series, 2(15).

H. McClure, A. Van Leuven, and S. Low, (Aug. 2021), Transfer Payments to Individuals, MU Exceed Missouri Economy Indicators Series, 2(12).

FACT SHEETS IN PROGRESS

T. Haddock, A. Hagerman, and **A. Van Leuven**. Quantifying Exposure to Extreme Weather Events Among Rural Communities and Agricultural Producers in Oklahoma

E. Norris and A. Van Leuven. An Overview of the Cotton Sector in Oklahoma

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.)

Instructor of Record Teaching Assistant Spring 2021 Fall 2020

PUBAFRS/CRPLAN 7531: Economic Development Policy (Ohio St.)

Co-Instructor & Teaching Assistant

Spring 2019, 2020

WORKSHOPS & INVITED LECTURES

"Using R and ggplot2 for Agricultural Economics Data Visualization." Graduate workshop for Oklahoma State AGEC graduate students. Nov. 2023.

"Rural Development in Theory and Practice". Invited guest lecture for *RCPL 5723:* Community Development & Revitalization 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 AECL 5003: Developing Rural Scholars for Community Engagement course in OSU Department of Agricultural Education, Communication & Leadership. Apr. 2022 & Apr. 2023

2023

- A. Van Leuven, "Brick-and-Mortar Financial Institutions and Regional Borrowing: Do Branch Closures Leave Money on the Table?" 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, "*Redefining Local Economic Anchors: Not Just Eds and Meds.*" Selected paper at Association of Collegiate Schools of Planning Annual Conference, Chicago. Oct. 2023.
- A. Schaefer and A. Van Leuven, "Quantifying the Rural Legal Desert Problem: Assessing Access to Justice and Legal Services." 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, "Do 'Banking Deserts' Even Exist? Brick-and-Mortar Lending Access in the Continental US." 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.
- 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.

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.
- 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
- 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.
- **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.
- **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).

2020

2019

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.)*	$Expected \ 2025$
Bosede Ogunbamise (M.S.)*	Expected 2024
Emily Norris (M.Ag.)*	Expected 2024
Sheriff Hassan (M.S.)	Expected 2024
Sidany Hilburn (M.S.)	Expected 2024
Katie Welch (Ph.D.)	Expected 2024
Alicia Young (M.S.)	2023

Undergraduate Student Mentorship

Tess Haddock – Collaboration on research poster presentation and fact sheet (2022–23) Pat Kane – Collaboration on Extension project and fact sheet (2023)

SERVICE TO PROFESSION & COMMUNITY

Hatch Multistate Research Project NE-2249

2022-

President-Elect (2023–24)
Project Title: "Sustainable and Inclusive Rural Economic Development to

Enhance Housing, Health, Entrepreneurship, and Equity"

Southern Region Program Leadership Network

2022-

Community Resource Development (CRD) Committee Representative

Federal Grant Peer Review Panelist

2021, 2022

USDA AFRI Rural and Economic Development Grant Program

Glenn College Doctoral Student Organization

2016-21

President (2018–19); Treasurer (2017–18)

Glenn College Research Colloquium Series Coordinator

2019–20 2023–

City of Stillwater, Oklahoma Planning Commissioner

PEER REVIEW & EDITING

Journals Refereed

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); Southeastern Geographer; Telematics and Informatics; Urban Affairs Review (x2)

Editorial Board 2023-

Member of the editorial board for *Reaching Regions*, the outreach journal of the North American Regional Science Council (NARSC)

Conference/Symposium Abstract Review

Agricultural & Applied Economics Association Annual Conference (x3)

Academy of Management Annual Meeting (x2)

Oklahoma State University Rural Renewal Symposium

Ohio State University Real Estate & Housing Conference (x2)

Conference

Agricultural & Applied Economics Association Annual Conference (x2)

Abstract Review

Academy of Management Annual Meeting (x2)

Oklahoma State University Rural Renewal Symposium

Ohio State University Real Estate & Housing Conference

Media & Press

Michigan Farm News

2023

Quotes and visuals pulled from farmdoc fact sheet with M.C. White: "Great

Lakes region 'farm employment' down 19,000 since 1969." (LINK)

The Journalist's Resource at Harvard Kennedy School

2021

Interviewed for article about my research: "New research explores how Main Street revitalization programs affect job and business growth in rural commu-

nities." (LINK)

Professional

Agricultural & Applied Economics Association (AAEA)

Affiliations 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 Basic Knowledge: Python, Stata, Tableau, Adobe Creative Suite, IMPLAN

SKILLS & LANGUAGES

Intermediate/Advanced Knowledge: R, ArcGIS, Excel, LaTeX, Data Visualization

Languages: English (Native), Spanish (Fluent)

Additional Training Inter-University Consortium for Political and Social Research (ICPSR)

Summer Program in Quantitative Methods of Social Research - Ann Arbor, MI (2019)

Courses: Multilevel Models I; Introduction to Python for Data Science