

DANIEL CENTURIAO

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EDUCATION

Ph.D.	Economics, West Virginia University, expected May 2026
Certificate	University Teaching, West Virginia University, 2025
M.A.	Economics, West Virginia University, 2023
M.S.	Economics, Western Parana State University - Brazil, 2018
B.S.	Economics, Federal University of Mato Grosso do Sul - Brazil, 2016
Clifton Strengths:	Connectedness, Intellection, Input, Strategic, Belief

FIELDS OF SPECIALIZATION

Primary: Regional and Urban Economics and Macroeconomics.

Secondary: Transportation, Policy Analysis, Public Economics.

DISSERTATION

Three Essays on Urban Transportation

Committee: Brad Humphreys (Chair), Heather Stephens (Co-advisor), Palak Suri, and Daniel Grossman.

JOB MARKET PAPER

“The effectiveness of speed enforcement policies in congested cities”

I study the effects of different speed calming policies in New York City using a spatial difference-in-differences approach with daily street-level collision data. I compare treated street segments to similar untreated segments before and after policy implementation. The results show that automated speed cameras increase collisions and injuries both on treated streets and in nearby areas, suggesting that strict enforcement can lead to riskier driving behavior or route shifting. In contrast, slower-speed neighborhood zones and speed humps produce modest but meaningful reductions in collisions and injuries, with benefits that spill over to surrounding streets. None of the measures significantly affect fatalities. A cost-benefit analysis indicates that moderate speed calming interventions are more cost-effective than automated enforcement in improving traffic safety in dense urban environments.

SELECTED TEACHING EXPERIENCE

Instructor, Elementary Bus. & Econ. Statistics (undergrad), West Virginia University, Fall 2025.

Instructor, Urban Economics (undergrad), West Virginia University, Summer 2025.

Instructor, Principles of Macroeconomics (undergrad), West Virginia University, Summer 2024.

SELECTED PUBLICATIONS AND R&Rs

1. Regional economic impacts of COVID-19 lockdowns and mitigation effects of stimulus checks and Unemployment Insurance. *Economic Analysis and Policy*, 2025, with Amir Neto, Caroline Welter, and Fernando Perobelli.
2. Assessing the cost of urban climate resilience: An analysis of the NYC Financial District and Seaport Climate Resilience (FiDi) Master Plan implementation. *Papers in Regional Science*, 2025, with Caroline Welter.
3. Land use and regulating ecosystem services scenarios for the Brazilian Pantanal and its surroundings under different storylines of future regional development, *Conservation Science and Practice*, 2025, with coauthors.
4. Impacts of road transport infrastructure investments on Latin American Integration Route, *Regional Science Policy and Practice*, 2024, with coauthors.
5. Dynamics of local productive arrangements in the municipalities of Mato Grosso do Sul considering the transformations of the Bioceanic Corridor, *Plos One*, 2023, with coauthors.
6. Identification and analysis of the evolution of local productive arrangements, *Journal of Regional Analysis and Policy*, 2021, with Caroline Welter and Luiz Cypriano.

WORK IN PROGRESS

1. Simulating the local economic losses and regional spillover effects caused by catastrophic wildfires, with coauthors (Under Review).
2. Fiscal competition or ideological alignment? A study on the spatial diffusion of income tax policies, with Joshua Hall.
3. The external cost of city development dynamics, dissertation, with Brad Humphreys and Heather Stephens.
4. Traffic externalities of subway extensions, with Palak Suri.
5. The traffic externalities of sports events, dissertation.
6. On the government growth: a partial equilibrium macroeconomic growth model to explain cross-country government expenditure trends.
7. Closing the Digital Divide: Measuring the gap on U.S. Broadband Availability.

RELEVANT RESEARCH AND WORK EXPERIENCE

Research Assistant, Heather Stephens and Randall Jackson, Regional Research Institute at West Virginia University, Summer 2022–Present. *Tasks included grant and proposal writing; preparation of brief reports; mentoring undergraduate students; and data manipulation, organization, and automation.*

Report: *The Impact of West Virginia University Federal Research Grant Funding on the State's Economy*, Regional Research Institute, 2025, with Heather Stephens. **Extension:** *Rural Tourism*.

Research Assistant, John Deskins, Bureau of Business and Economic Research at West Virginia University, Fall 2021 and Spring 2022. *Tasks included data organization and assistance with preparing data visualizations for presentations and reports.*

GRANTS AND AWARDS

Recipient, Cliff Hawley Economics Award for academic excellence \$ 2000.00, 2025.

Speaker, Digital Access Research Forum, Federal Reserve Bank of Kansas City, 2025.

Recipient, Institute for Humane Studies Fellowship \$ 5000.00, 2025.

Participant, Urban Economics Association Summer School, 2025.

Finalist, Benjamin H. Stevens Graduate Fellowship in Regional Science, 2025.

Recipient, Public Choice Society (PCS) Fellowship, 2025.

Recipient, Best Graduate Student Paper Award, Mid-Continent Regional Science Association, 2024.

Participant, NERSA/NARSC Summer School, Cornell Tech NYC, 2022.

SELECTED CONFERENCE AND SEMINAR PRESENTATIONS

2025: Mid-Continent Regional Science Association, Pennsylvania Economic Association, Public Choice Conference, Southern Regional Science Association **2024:** North American Regional Science Council, European Regional Science Association, Mid-Continent Regional Science Association, Southern Regional Science Association.

PROFESSIONAL SERVICE

Referee for *The Review of Regional Studies* (3), *Journal of Financial Economic Policy* (2), *Journal of Regional Analysis and Policy* (2), *Regional Science Policy & Practice* (1), *Pennsylvania Economic Review* (1). **Student representative** of Mid-continent Regional Science Association, term 2025-2026. **Affiliations:** North American Regional Science Council, European Regional Science Association, Southern Regional Science Association, APPAM, American Economic Association, Southern Economic Association.

COMPUTATIONAL SKILLS

R, Stata, Eviews, Python, Markdown, LaTeX, QGIS, ArcGIS.

REFERENCES

Brad Humphreys	West Virginia University	Brad.Humphreys@mail.wvu.edu	(304) 293-7871
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Palak Suri	West Virginia University	Palak.Suri@mail.wvu.edu	(304) 293-7831
Daniel Grossman	West Virginia University	Daniel.Grossman@mail.wvu.edu	(715) 225-6992