

Department of Economics  
Shippensburg University of Pennsylvania  
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Shippensburg, PA 17257

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## EDUCATION

Ph.D. in Economics, West Virginia University, United States, 2016-2020  
M.A. in Economics, West Virginia University, United States, 2016-2019

## RESEARCH INTERESTS

Health Economics, Regional and Public Economics, Energy Economics

## EXPERIENCES

**Academic Employment**, Shippensburg University of Pennsylvania, *Assistant Professor of Economics*

Regional Economics	Spring 2022
Managerial Economics	Spring 2022, Fall 2021, Summer-B 2021
Portfolio Optimization	Fall 2021
Data Analytics	Fall 2021
Economic Analysis of Big Data	Spring 2021
Principles of Macroeconomics	Fall 2021, Spring 2021
Principles of Economics	Fall 2020, Winter 2021

**Teaching Experiences**, West Virginia University, *Instructor of Record*

Econ 225: Elementary Business and Economic Statistics	Summer 2019, Fall 2019, and Spring 2020
Econ 202: Principles of Macroeconomics	Spring 2019

## PUBLICATIONS

### *Journal Articles*

1. **Shakya, S.** & Sohag, K. (2021). The Fracking Boom and Crime Rates in Rural American States: Some Critical Insights. *The Extractive Industries and Society*.
2. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42.
3. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont's Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
4. **Shakya, S.** & Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434.
5. Ismailova, Z., Etienne, X., **Shakya, S.**, & Mattos, F. (2020). Quantifying the Announcement Effects in the U.S. Lumber Futures Market. *Journal of Forest Economics*, 35(4):375–395.
6. Hall, J. C., Scarcioffolo, A. R., & **Shakya, S.** (2020). The Political Economy of Vermont's Anti-fracking Movement. *Journal of Public Finance and Public Choice*.
7. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241.
8. **Shakya, S.**, Nepal, R., & Sharma, K. (2018). Electricity Consumption and Economic Growth: Empirical Evidence from a Resource-rich Landlocked Economy. *International Journal of Global Energy Issues*, 41(5-6):226–247.
9. **Shakya, S.** & Lama, N. (2016). Possible Decision Rules to Allocate Quotas and Reservations to Ensure Equity for Nepalese Poor. *Economic Journal of Development Issues*, 17(1-2):149–162.

### *Book Review*

1. **Shakya, S.** (2018). Currency Politics– The Political Economy of Exchange Rate Policy. *The Review of Regional Studies*

## UNDER REVIEW

1. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. (2021). Spatial Spillovers and the Productivity-Compensation Gap in the United States. *Revise & resubmitted to The Annals of Regional Science*.
2. **Shakya, S.**, Basnet, S., & Paudel (2021). Natural Disasters and International Labor Migration: Empirical Evidence from Nepal's Earthquake. *Revise & resubmitted to World Development*.
3. **Shakya, S.**, Li, B., & Etienne, X., (2020). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Revise & resubmitted to Energy Economics*.
4. **Shakya, S.**, & Hodges, C. (2021). Must-access Prescription Drug Monitoring Programs and Retail Opioid Sales (2021). *Revise & resubmitted to Contemporary Economic Policy*.
5. **Shakya, S.**, & Plemmons, A., (2019). Can Productivity Spillovers Explain the Productivity-Compensation Gap?. *Revise & resubmitted to Spatial Economic Analysis*.

## UNDER SUBMISSION

1. **Shakya, S.**, Ghosh, S., & Norris, C. (2021). Nurse Licensure Compact and Mobility. *Submitted to Journal of Labor Research*.
2. **Shakya, S.**, & Harrish, Samantha (2021). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Submitted to Drug and Alcohol Dependence*.
3. **Shakya, S.**, & Mobariz A.S. (2021). Does Gender Test Score Gap Exist? Evidence from Administrative Data from Afghanistan *Submitted to World Bank Economic Review*.
4. Han, L. & **Shakya, S.**, (2021). The Dark Side of the Shale Boom– County-Level Analysis. *Submitted to Journal of Regional Science and Urban Economics*.

## WORKING PAPERS

1. Plemmons, A., **Shakya, S.**, Poghosyan, L., & Timmons, E., (2021). Exploring the Relationship between Nurse Practitioner Full Practice Authority, Nurse Practitioner Workforce Diversity, and Disparate Primary Care Access.
2. **Shakya, S.**, & Levinstein, M., (2021). Grading Policy, Email Nudges, and Grade Outcomes.
3. Neto, A, Nowicki, J., & **Shakya, S.**, (2021). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO (with Amir Neto and Jennifer Nowicki)
4. **Shakya, S.**, & Ruseski, J., (2022). County-level Assessment of Must-access PDMPs on Opioid Prescribing Rate
5. **Shakya, S.**, & Shrestha, V., (2022). Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.
6. **Shakya, S.**, (2022). Heterogeneous Treatment Effects of Medicaid and Efficient Policies.
7. Ruboyianes, A., **Shakya, S.**, & Plemmons, A., (2020). Timing and Entrepreneurial Action: The Initialization, Pace and Chronology of Crowdfunded Ventures.
8. Pham, T., **Shakya, S.**, & Scarcioffolo, A., (2020). California Proposition 8: Voters Reject the Fair Pricing for Dialysis Act.
9. **Shakya, S.**, & Plemmons, A., (2019). Regional Institutional Quality and Job Creation among Early Startups in the United States.
10. **Shakya, S.**, & Plemmons, A., (2021). Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.
11. Dutta. N., & **Shakya, S.**, (2021). Individualism and Financial Inclusion.
12. Ruboyianes, A., **Shakya, S.**, & Plemmons, A., (2020). A Campaign Worth a Thousand Words: The Value of Words in Crowdfunding Descriptions.

13. Shabani, M.S., Etienne, X., & **Shakya, S.** (2021). Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis.
14. **Shakya, S.**, & Dutta. N., (2021) Financial Inclusion for Females, Individualism, and Education.
15. Ghosh, S., & **Shakya, S.**, (2021). Socioeconomic Status, Occupational Licensing, and Firm Growth.

#### **AWARDS, FELLOWSHIP, AND GRANTS**

Center for Excellence in Teaching and Learning Grant for several conferences, 2020-2021.

Jon Vilasuso Advanced Doctoral Student Award, West Virginia University, 2019.

National Science Foundation (NSF): 2017, 2018, and 2019 under Prof. Usha Haley, Wichita State University (Principal Investigator).

Student Paper Competition at the North American Regional Science Council (NARSC). 2019 – 1<sup>st</sup> Runner-up.

Center for Free Enterprise Fellowship, West Virginia University, 2018-2020

Multiple travel and conference presentation grants from Institute for Humane Studies (IHS). Regional Research Institute (RRI). West Virginia University (WVU). and Young Scholars Initiative (YSI).

#### **INVITED TALKS**

National Council of State Boards of Nursing (NCSBN) on Impact of Nurse Licensure Compact	Sep 2021
Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries at The Arkansas Center for Research in Economics (ACRE). The College of Business at the University of Central Arkansas	Oct 2020
Causal Inference Workshop at Economics Students' Society Nepal	Sep 2020
Heterogeneous Treatment Effects of Medicaid and Efficient Policies at Icesi University, Cali, Columbia	May 2020
Heterogeneous Treatment Effects of Medicaid and Efficient Policies' at Mathematica Policy Research, Washington, DC	Feb 2020
Heterogeneous Treatment Effects of Medicaid and Efficient Policies' at Center for Health Incentives and Behavioral Economics— The University of Pennsylvania	Mar 2020

#### **INVITED CONFERENCE PRESENTATIONS**

AEA Annual Meeting	Jan 2022
Southern Economic Association (SEA)	Nov 2021
ASHEcon– American Society of Health Economist	Jun 2021
Western Economic Association International	Jun 2021
The Southern Regional Science Association (SRSA)	Mar 2021
Annual Knee Center Occupational Licensing Conference	May 2021
Southern Economic Association (SEA)	Nov 2020
The North American Regional Science Council (NARSC)	Nov 2020
Annual Knee Center Occupational Licensing Conference	May 2020
Symposium on Data Science and Statistics	Jun 2020
The Southern Regional Science Association (SRSA)	2019
The North American Regional Science Council (NARSC)	2019
Public Choice Society Annual Meetings	2019
Graduate Research Workshop - Institute for Humane Studies	2019
YSI North America Convening	2019
The Southern Regional Science Association (SRSA)	2018
The North American Regional Science Council (NARSC)	2018

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Applied Economics and Regional Science (AERS)	2018
The Southern Regional Science Association (SRSA)	2017
Applied Economics and Regional Science (AERS)	2017

## PROFESSIONAL SERVICES

**Technical Editor:** Review of Regional Studies

**Reviewer:** Papers in Regional Science, Journal of Regional Analysis and Policy, Contemporary Economic Policy, PLOS One, Economic Modelling, Drug and Alcohol Dependence, World Bank Economic Review.

**Communication and Membership Outreach Committee:** Himalayan Applied Economics and Policy Association (HAEPA)

ASCUF Council's economics department faculty representative, Lead Editor/Publisher for the economics department, University Assessment Committee at Shippensburg University

Nepalese Students and Scholars Association of West Virginia University – President (2019-2020); Treasurer (2018-2019); and Officer (2016-2018).

GEMPACK: General Equilibrium Modelling Software tutorial developer, acknowledged by GEMPACK team members at Victoria University, Melbourne, Australia.

## CERTIFICATION

Datacamp Certification on Data Science in R Track

[Certificate.](#)

## AFFILIATIONS

Southern Regional Science Association (SRSA). Northern Regional Science Association (NARSC). Regional Science Association International (RSAI). American Economic Association (AEA). The Replication Network, DARPA Score Project.

## SKILLS

R, Markdown, Shiny, Python, SQL, GitHub, Eviews, L<sup>A</sup>T<sub>E</sub>X

## REFERENCES

Dr. Jane E. Ruseski (Chair)  
West Virginia University  
[Jane.Ruseski@mail.wvu.edu](mailto:Jane.Ruseski@mail.wvu.edu)

Dr. Joshua C. Hall  
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Wichita State University