

Department of Economics  
Shippensburg University of Pennsylvania  
DHC 123, 1871 Old Main Drive  
Shippensburg, PA 17257

✉ [SShakya@ship.edu](mailto:SShakya@ship.edu)  
🌐 <http://shishirshakya.github.io>  
☎ 304-906-8943  
Visa Status: U.S. Green Card Holder

## EDUCATION

Ph.D. in Economics, West Virginia University, United States,	2016-2020
M.A. in Economics, West Virginia University, United States,	2016-2019
M.A. in Economics, Tribhuvan University, Nepal	2010-2012
B.A. in Economics, Tribhuvan University, Nepal	2006-2009

## RESEARCH INTERESTS

Health Economics, Regional and Public Economics, Energy Economics  
Applied Microeconomics, Applied Machine Learning, Causal Inference, and Data Science

## EXPERIENCES

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

ECO 113: Principles of Economics	Fall 2020
ECO 101: Principles of Macroeconomics	Spring 2021
ECO 393: Economic Analysis of Big Data	Spring 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

**Other Teaching Related Experiences**, West Virginia University

Econ 721: Mathematical Economics (TA, PhD Econ course, teaching 30% of course)	Fall 2018
BUDA 550: Business Data Visualization (Online course design)	Summer 2017 & 2018

**Graduate Research Assistance**, Regional Research Institute (RRI), WVU Aug 2016–Aug 2018.

## REFEREED PAPER PUBLISHED

**Shakya, S.**, Erfanian, E., and, Scarcioffolo, A.(2020) The Political Economy of Vermont’s Abortion Bill *Applied Economics Letters*

**Shakya S.**, and Plemmons, A. (2020) Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries *Journal of Labor Research*.

Ismailova, Z., Etienne, X., **Shakya S.**, and Mattos, F. (2020) Quantifying the Announcement Effects in the U.S. Lumber Market, *Journal of Forest Economics*.

Scarcioffolo, A., **Shakya, S.** and Hall, J. (2020). The Political Economy of Vermont’s Anti-Fracking Movement, *Journal of Public Finance and Public Choice*.

Hall, J. and **Shakya, S.** (2019). Federal Regulations and U.S. Energy Sector Output *Oil, Gas, and Energy Quarterly*.

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

**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*,

**Shakya, S.**, & Lama, N. (2014). Possible Decision Rules to Allocate Quotas and Reservations to Ensure Equity for Nepalese Poor *Economic Journal of Development Issues*, 17(1), 149–162.

## UNDER REVIEW

Can Productivity Spillovers Explain the Productivity-Compensation Gap?

Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States.

Regional Institutional Quality and Start-up Activities in the United States.

Impact of Shale Boom on Crime among the Rural American States: Generalized Synthetic Control Approach.

## WORKING PAPERS

Heterogeneous Treatment Effects of Medicaid and Efficient Policies

County-level Assessment of Must-access PDMPs on Opioid Prescribing Rate.

Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.

California Proposition 8: Voters Reject the Fair Pricing for Dialysis Act (with Tuyen Pham)

Regional Institutional Quality and Job Creation among Early Startups in the United States (with Alicia Plemmons)

## UNDER DEVELOPMENT

New Oil/Gas Wells, Crime, and Victimization Costs: County-level Analysis (with Luyi Han)

Natural Disasters and International Labor Migration: Empirical Evidence from Nepal's Earthquake (with Jayesh Paudel and Subuna Basnet)

Impacts of Prescription Drug Monitoring Programs on Sales of Prescription Opioid Painkillers (with Collins Hodges)

How Nurse Practitioners Serving Medicare Beneficiaries Prescribe Opioids? (with Alicia Plemmons)

Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis (with Samantha J. Harrish)

Gender Grade Gap: Evidence from Administrative Data on the Afghanistan University's Test Examination (with Ahmad Shah Mobariz)

Value of Words and Emotion: Evidence from the Kick Starter's Project Blurbs (with Anna Ruboyianes and Alicia Plemmons)

Barriers to Action as a Social Construction (with Anna Ruboyianes)

Impact of the Covid-19 Pandemic on Kick Starters' Success (with Anna Ruboyianes and Muhammad Al Mamun)

## AWARDS, FELLOWSHIP, AND GRANTS

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

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

Southern Economic Association (SEA) Nov 2020

Symposium on Data Science and Statistics Jun 2020

Annual Knee Center Occupational Licensing Conference May 2020

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The North American Regional Science Council (NARSC)	2020, 2019, 2018
The Southern Regional Science Association (SRSA)	2019, 2018, 2017
Public Choice Society Annual Meetings	2019
YSI North America Convening	2019
Graduate Research Workshop - Institute for Humane Studies	2019
Applied Economics and Regional Science (AERS)	2018, 2017

## PROFESSIONAL SERVICES

ASCUF Council's economics department faculty representative

Lead Editor/Publisher for the economics department

Reviewer: Papers in Regional Science, Journal of Regional Analysis and Policy, Contemporary Economic Policy, PLOS One

## CERTIFICATION

Datacamp Certification on Data Science in R Track

## 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  
304-293-7835

Dr. Joshua C. Hall  
West Virginia University  
304-293-7870

Dr. Feng Yao  
West Virginia University  
304-293-7867

Dr. Bob Reed  
University of Canterbury (NZ)  
+64-3-3693726

Dr. Randall Jackson  
Regional Research Institute  
304-293-2897

Dr. Usha Haley  
Wichita State University  
860-301-3762

Last updated: Wednesday 23<sup>rd</sup> December, 2020