

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

✉ 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. and Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42.

Shakya, S., Erfanian, E., and Scarcioffolo, A. (2020). The Political Economy of Vermont’s Abortion Bill. *Applied Economics Letters*, 0(0):1–5.

Shakya, S. and Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434.

Ismailova, Z., Etienne, X., **Shakya, S.**, and Mattos, F. (2020). Quantifying the Announcement Effects in the U.S. Lumber Futures Market. *Journal of Forest Economics*, 35(4):375–395.

Hall, J. C., Scarcioffolo, A. R., and **Shakya, S.** (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 US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241.

Shakya, S., Nepal, R., and 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.

Shakya, S. and 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.

UNDER REVIEW

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

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

Can Productivity Spillovers Explain the Productivity-Compensation Gap? (with Alicia Plemmons)

Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. (with Bingxin Li and Xiaoli Etienne)

Impact of Shale Boom on Crime among the Rural American States: Generalized Synthetic Control Approach. (with Kazi Sohag)

WORKING PAPERS

Heterogeneous Treatment Effects of Medicaid and Efficient Policies

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

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)

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)

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

UNDER DEVELOPMENT

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

Entrepreneurial Action Process and its Temporal Nature under Environmental Uncertainty: An Social Construction View (with Anna Ruboyianes and Alicia Plemmons)

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

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

Socio-economic Status, Occupational Licensing and Firm Growth (with Sriparna Gosh)

Response of Stock Market to Economic Policy Uncertainty in Russia (with Kazi Sohag and Alexandre Scarcioffolo)

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

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 – 1st 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

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

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
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

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

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^AT_EX

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

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