

✉ [econshishir@gmail.com](mailto:econshishir@gmail.com)🌐 <http://shishirshakya.github.io>🇺🇸 **Visa Status:** U.S. Green Card Holder**EDUCATION**

<b>Ph.D. in Economics:</b> West Virginia University, United States,	2016-2020
<b>M.A. in Economics:</b> West Virginia University, United States,	2016-2019
<b>M.A. in Economics:</b> Tribhuvan University, Nepal	2011-2013
<b>B.A. in Economics:</b> Tribhuvan University, Nepal	2006-2009

**ACADEMIC POSITIONS & TEACHING**

<b>Assistant Professor of Economics:</b> Shippensburg University	2020–Current
Economic Analysis of Big Data	
Regional Economics	
Managerial Economics	
Portfolio Optimization	
Data Analytics	
Principles of Macroeconomics	
Principles of Economics	
<b>Graduate Teaching Assistance:</b> West Virginia University	2018–2020
Elementary Business and Economic Statistics	
Principles of Macroeconomics	
<b>Graduate Research Assistance:</b> Regional Research Institute (RRI) WVU	2016–2018
<b>Economic Consultant:</b> National Planning Commission, Nepal	2016–2016

**UNDER REVIEW**

1. **Shakya, S.**, & Plemmons, A., (2022). Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.
2. **Shakya, S.**, & Ruseski, J., (2022). The Effect of Prescription Drug Monitoring Programs on County-Level Opioid Prescribing Practices and Spillovers.
3. Neto, A, Nowicki, J., & **Shakya, S.**, (2021). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO.
4. **Shakya, S.**, & Levinstein, M., (2022). Grading Policy, Email Nudges, and Grade Outcomes.

**PUBLICATIONS**

1. Bae, K., Norris, C., **Shakya, S.**, & Timmons, E., (2022). Maryland's Health Care Lesson for Pennsylvania: How Full Practice Authority can Increase Access and Improve Outcomes. *The Commonwealth Foundation*.
2. Plemmons, A., **Shakya, S.**, Cato, K., Sadarangani, T., Poghosyan, L., & Timmons, E., (2022). Exploring the Relationship between Nurse Practitioner Full Practice Authority, Nurse

- 
- Practitioner Workforce Diversity, and Disparate Primary Care Access. *Policy, Politics, & Nursing Practice*.
3. **Shakya, S.**, & Hodges, C. (2022). Must-access Prescription Drug Monitoring Programs and Retail Opioid Sales. *Contemporary Economic Policy*.
  4. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse Licensure Compact and Mobility. *Journal of Labor Research*.
  5. **Shakya, S.**, & Harrish, Samantha (2022). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Drug and Alcohol Dependence Reports*.
  6. **Shakya, S.**, Li, B., & Etienne, X., (2022). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Energy Economics*.
  7. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. T. (2022). Spatial Spillovers and the Productivity–compensation Gap in the United States. *The Annals of Regional Science*, 1-21.
  8. **Shakya, S.**, Basnet, S., & Paudel (2022). Natural Disasters and Labor Migration: Evidence from Nepal's Earthquake. *World Development*.
  9. **Shakya, S.**, Plemmons, A. (2022) Productivity Spillovers and the Productivity–compensation Gap, *Spatial Economic Analysis*.
  10. **Shakya, S.** & Sohag, K. (2021). The Fracking Boom and Crime Rates in the Rural American States: Some Critical Insights. *The Extractive Industries and Society*.
  11. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42.
  12. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont's Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
  13. **Shakya, S.** & Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434.
  14. Ismailova, Z., Etienne, X., **Shakya, S.**, & Mattos, F. (2020). Quantifying the Announcement Effects in the US Lumber Futures Market. *Journal of Forest Economics*, 35(4):375–395.
  15. 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*.
  16. **Shakya, S.** & Sevigny E., Replication of a Research Claim from Bersani and Doherty (2013), from Criminology (2020). *Center for Open Science, Systematizing Confidence in Open Research and Evidence (SCORE) Project*.
  17. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241.
  18. **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.
  19. **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.

---

**WORKING PAPERS**

1. **Shakya, S.**, & Hodges, C. Prescription Opioid Spillovers: Retail Pharmacies Level Analysis.
2. **Shakya, S.** Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.
3. **Shakya, S.** The Interstate Medical Licensure Compact, Physicians' Mobility, and Nurse Practitioner's Scope of Practice Law.
4. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. T. Industry Regulation Spillover Networks.
5. **Shakya, S.** & Roy, A. Proximity to the Mental Health Providers in the United States.
6. **Shakya, S.** & Plemmons, A. & Bae, K. & Timmons, E. The Pharmacist Will See You Now: Pharmacist Prescriptive Authority and Access to Care in Idaho.
7. **Shakya, S.** Heterogeneous Treatment Effects of Medicaid.
8. Minuci, E., & **Shakya, S.** The Impact of Fracking on the Asset Portfolio Allocation of Local Banking Markets.
9. Kariburyo, M.S., Etienne, X., & **Shakya, S.** Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis.
10. Thomas, P., & **Shakya, S.** Impact of Energy Transition on Energy Burden.
11. Long, J., & **Shakya, S.**, & Plemmons, A. & Stull, M. Is Time Money? Exploring the Temporal Actions under Uncertainty in Crowdfunding Campaigns.
12. Dutta, N., & **Shakya, S.** Individualism and Financial Inclusion.
13. **Shakya, S.**, & Plemmons, A. Regional Institutional Quality and Job Creation among Early Startups in the United States.
14. **Shakya, S.**, & Chatterjee, C. Impact of Medicaid Work Requirement on Healthcare Utilization and Healthcare Costs.
15. Ruboyianes, A., **Shakya, S.**, & Plemmons, A. A Campaign Worth a Thousand Words: The Value of Words in Crowdfunding Descriptions.
16. **Shakya, S.** Impacts of Certificate of Need (CON) State Laws on Substance Use Treatment Facilities and Services.

**SPONSORED RESEARCH AND GRANTS**

<b>Primary Data Scientist:</b> Commercial health care claims data analysis, (\$45,000)	Fall 2022
<b>Researcher:</b> The Commonwealth Foundation, (\$15,000)	Summer 2022
<b>Project Lead:</b> Unintended Consequences of US Opioid Policies, (\$5,000)	Summer 2022
<b>Center for Excellence in Teaching and Learning Grant,</b> (\$2,000 × 2)	2022 & 2021
<b>Young Scholars Program,</b> (\$700)	Spring 2022

## UNIVERSITY AND PROFESSIONAL SERVICES

University Assessment Committee (UAC) at Shippensburg University  
General Education Council (GEC) Budget Committee at Shippensburg University

**Board of Directors**, Pennsylvania Economic Association (2022-current)

**Technical Editor**: Review of Regional Studies

**Data Steward**: Journal of Comments and Replications in Economics

**Reviewers**: Small Business Economics, Journal of Sports Economics, Journal of Economic Geography; Journal of Labor Research; World Bank Economic Review; Economic Modelling; Drug and Alcohol Dependence; Papers in Regional Science; Journal of Regional Analysis and Policy; Contemporary Economic Policy; and PLOS One

## INVITED RESEARCH PRESENTATION

1. Towson University: Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries. Sep 2022
2. Applied Health Services Research and Public Policy Sep 2022
3. Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies Jul 2022
4. The 36<sup>th</sup> Annual Conference of Pennsylvania Economic Association Jun 2022
5. Economics of Personal Investing, Investment Club Shippensburg University Mar 2022
6. Dickinson College: Does Gender Gap in Test Score Exist? Evidence from Administrative Data from Afghanistan Mar 2022
7. Institute for Integrated Development Studies (IIDS) Mar 2022
8. The Institute for Humane Studies and Arkansas Center for Research in Economics: Labor Market Effects of Scope of Practice Policies Jan 2022
9. Pennsylvania's State System of Higher Education (PASSHE) Conference on Teaching and Learning Jan 2022
10. Gulati Institute of Finance and Taxation: Healthcare Occupational Regulation and Healthcare Professional's Mobility Nov 2021
11. Ural Federal University: The Dark Side of the Shale Boom– County-Level Analysis Nov 2021
12. Center for Social Research: Grading Policy, Email Nudges, and Grade Outcomes Nov 2021
13. National Council of State Boards of Nursing (NCSBN): Impact of Nurse Licensure Compact Sep 2021
14. The Arkansas Center for Research in Economics (ACRE): Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries Oct 2020
15. Economics Students' Society Nepal: Causal Inference Workshop Sep 2020
16. Icesi University: Heterogeneous Treatment Effects of Medicaid May 2020
17. Mathematica Policy Research: Heterogeneous Treatment Effects of Medicaid Feb 2020
18. Center for Health Incentives and Behavioral Economics, The University of Pennsylvania: Heterogeneous Treatment Effects of Medicaid Mar 2020

## CONFERENCE PRESENTATIONS

1. Southern Economic Association (SEA)	Nov 2022
2. ASHEcon— American Society of Health Economist	Jun 2022
3. The Association of Private Enterprise Education: APEE	April 2022
4. AEA Annual Meeting	Jan 2022
5. Southern Economic Association (SEA)	Nov 2021
6. ASHEcon— American Society of Health Economist	Jun 2021
7. Western Economic Association International	Jun 2021
8. The Southern Regional Science Association (SRSA)	Mar 2021
9. Annual Knee Center Occupational Licensing Conference	May 2021
10. Southern Economic Association (SEA)	Nov 2020
11. The North American Regional Science Council (NARSC)	Nov 2020
12. Annual Knee Center Occupational Licensing Conference	May 2020
13. Symposium on Data Science and Statistics	Jun 2020
14. The Southern Regional Science Association (SRSA)	2019
15. The North American Regional Science Council (NARSC)	2019
16. Public Choice Society Annual Meetings	2019
17. Graduate Research Workshop - Institute for Humane Studies	2019
18. YSI North America Convening	2019
19. The Southern Regional Science Association (SRSA)	2018
20. The North American Regional Science Council (NARSC)	2018
21. Applied Economics and Regional Science (AERS)	2018
22. The Southern Regional Science Association (SRSA)	2017
23. Applied Economics and Regional Science (AERS)	2017

## AFFILIATIONS

**Research affiliate:** The Knee Center Center for Study of Occupational Regulation (CSOR)

**Research affiliate:** Center for Land Use and Sustainability (CLUS)

American Economic Association (AEA)

Southern Economic Association (SEA)

Southern Regional Science Association (SRSA)

Northern Regional Science Association (NARSC)

Regional Science Association International (RSAI)

The Replication Network

DARPA Score Project.