

206 Woodridge Dr  
Shippensburg, PA 17257

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

## 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

## UNDER REVIEW

1. **Shakya, S.**, & Plemmons, A., (2022). Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries. *Under review at American Economic Journal: Economic Policy*.
2. **Shakya, S.**, Ghosh, S., & Norris, C. (2021). Nurse Licensure Compact and Mobility. *Revise & resubmitted to Journal of Labor Research*.
3. **Shakya, S.**, & Hodges, C. (2021). Must-access Prescription Drug Monitoring Programs and Retail Opioid Sales (2021). *Revise & resubmitted to Contemporary Economic Policy*.
4. **Shakya, S.**, & Levinstein, M., (2022). Grading Policy, Email Nudges, and Grade Outcomes. *Under review at The Journal of Economic Education*
5. Kariburyo, M.S., Etienne, X., & **Shakya, S.** (2022). Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis. *Under review at Economic Modelling*.
6. Neto., A, Nowicki, J., & **Shakya, S.**, (2021). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO. *Submitted to Journal of Regional Science*.

## PUBLICATIONS

### Journal Articles

1. **Shakya, S.**, & Harrish, Samantha (Forthcoming). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Drug and Alcohol Dependence Reports*.
2. **Shakya, S.**, Li, B., & Etienne, X., (Forthcoming). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Energy Economics*.
3. **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.
4. **Shakya, S.**, Basnet, S., & Paudel (2022). Natural Disasters and Labor Migration: Evidence from Nepal’s Earthquake. *World Development*.

5. **Shakya, S.**, Plemmons, A. (2022) Productivity Spillovers and the Productivity–compensation Gap, *Spatial Economic Analysis*.
6. **Shakya, S.** & Sohag, K. (2021). The Fracking Boom and Crime Rates in Rural American States: Some Critical Insights. *The Extractive Industries and Society*.
7. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42.
8. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont’s Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
9. **Shakya, S.** & Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434.
10. 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.
11. 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*.
12. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241.
13. **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.
14. **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*.

#### **WORKING PAPERS**

*Available upon request.*

1. Plemmons, A., **Shakya, S.**, Cato, K., Sadarangani, T., Poghosyan, L., & Timmons, E., (2021). Exploring the Relationship between Nurse Practitioner Full Practice Authority, Nurse Practitioner Workforce Diversity, and Disparate Primary Care Access.
2. Long, J., & **Shakya, S.**, & Plemmons, A. & Stull, M. (2022). Is Time Really Money? Exploring the Temporal Actions under Uncertainty in Crowdfunding Campaigns.
3. **Shakya, S.**, & Ruseski, J., (2022). County-level Assessment of Must-access PDMPs on Opioid Prescribing Rate
4. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. T. (2022). Industry Regulation Spillover Networks.
5. **Shakya, S.**, & Mobariz A.S. (2021). Does Gender Test Score Gap Exist? Evidence from Administrative Data from Afghanistan
6. **Shakya, S.**, & Han, L. (2021). The Dark Side of the Shale Boom– County-Level Analysis.

7. Ruboyianes, A., **Shakya, S.**, & Plemmons, A., (2020). A Campaign Worth a Thousand Words: The Value of Words in Crowdfunding Descriptions.
8. **Shakya, S.**, & Shrestha, V., (2022). Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.
9. Ghosh, S., & **Shakya, S.**, (2022). Impacts of Occupational Licensing on the Firm Growth.
10. Pham, T., **Shakya, S.**, & Scarcioffolo, A., (2020). California Proposition 8: Voters Reject the Fair Pricing for Dialysis Act.
11. **Shakya, S.**, & Plemmons, A., (2019). Regional Institutional Quality and Job Creation among Early Startups in the United States.
12. **Shakya, S.**, (2022). Heterogeneous Treatment Effects of Medicaid and Efficient Policies.
13. Dutta, N., & **Shakya, S.**, (2021). Individualism and Financial Inclusion.
14. Minuci, E., & **Shakya, s.**, (2022). Shale Boom and Banking Activities in the US.
15. **Shakya, S.** & Roy, A. (2022). Spatial Distribution of Mental Health Providers in the US.

#### SPONSORED RESEARCH AND GRANTS

*Assessing Access to Care in Pennsylvania Commonwealth, Researcher* Jul 2022  
(\$15,000)

This is a sponsored research by Pennsylvania Commonwealth to examine access to care within Pennsylvania and Maryland bordering counties for OB/GYN, nurse practitioners (NP), and certified nurse-midwives (CNMs).

*Conference on Unintended Consequences of US Opioid Policies, Project Lead* Jul 2022  
(\$12,000)

This grant was provided by the Institute for Humane Studies (IHS) at George Mason University to finance the direct costs to sponsor the research conference related to Unintended Consequences of US Opioid Policies. I will organize and host the research workshop, followed by a special issue publication.

*2022 Young Scholars Program, The Association of Private Enterprise Education (APEE)* Mar 2022  
(\$700)

This travel grant was provided by The Association of Private Enterprise Education (APEE) to attend the conference and present two research papers that show public policies have localized effects, but such effect vanishes with the distance and can spillovers to unintended consequences.

*Center for Excellence in Teaching and Learning Grant* May 2021  
(\$2,000)

This grant was assigned to cover several registration expenses of conferences. The conference includes the Southern Economic Association, ASHEcon— American Society of Health Economist, Western Economic Association International, The Southern Regional Science Association (SRSA).

*Center for Open Science* Aug 2020  
(\$2,500)

This grant was provided for pre-registration and replication of the research claims of Bersani and Doherty's (2013) paper, "When the ties that bind unwind: Examining the enduring and

situational processes of change behind the marriage effect,” using updated National Longitudinal Surveys.

#### **AWARDS AND FELLOWSHIP**

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  
 Institute for Humane Studies (IHS)  
 Regional Research Institute (RRI), West Virginia University (WVU)  
 Young Scholars Initiative (YSI).

#### **MEDIA**

Appeared in Fox43 news explaining gasoline price surges

#### **INVITED RESEARCH PRESENTATION**

Economics of Personal Investing, Investment Club Shippensburg University	Mar 2022
Does Gender Gap in Test Score Exist? Dickinson College	Mar 2022
Institute for Integrated Development Studies (IIDS)	Mar 2022
Labor Market Effects of Scope of Practice Policies: The Institute for Humane Studies and Arkansas Center for Research in Economics	Jan 2022
Pennsylvania’s State System of Higher Education on Teaching and Learning	Jan 2022
Gulati Institute of Finance and Taxation– the State Government of Kerala, India on Healthcare Occupational Regulation and Healthcare Professional’s Mobility	Nov 2021
Graduate School of Economics and Management, Ural Federal University, Russia on The Dark Side of the Shale Boom– County-Level Analysis	Nov 2021
Center for Social Research (CSR) on Grading Policy and Email Nudges	Nov 2021
National Council of State Boards of Nursing (NCSBN) on Impact of NLC	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 at Icesi University, Cali, Columbia	May 2020
Heterogeneous Treatment Effects of Medicaid at Mathematica, Washington, DC	Feb 2020
Heterogeneous Treatment Effects of Medicaid at Center for Health Incentives and Behavioral Economics– The University of Pennsylvania	Mar 2020

#### **INVITED CONFERENCE PRESENTATIONS**

Southern Economic Association (SEA)	Nov 2022
ASHEcon– American Society of Health Economist	Jun 2022
The Association of Private Enterprise Education: APEE	April 2022
AEA Annual Meeting	Jan 2022

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

#### UNIVERSITY AND PROFESSIONAL SERVICES

ASCUF Council's economics department, *Faculty representative*  
 Lead Editor/Publisher for the economics department at Shippensburg University  
 University Assessment Committee (UAC) at Shippensburg University  
 General Education Council (GEC) Budget Committee at Shippensburg University

#### OTHER PROFESSIONAL SERVICES

Himalayan Applied Economics and Policy Association (HAEPA), University of New Mexico (UNM), *Communication and Membership Outreach Committee*  
 Nepalese Students and Scholars Association of West Virginia University – *President* (2019-2020)  
 Nepalese Students and Scholars Association of West Virginia University – *Treasurer* (2018-2019)  
 Nepalese Students and Scholars Association of West Virginia University – *Officer* (2016-2018).  
 GEMPACK: General Equilibrium Modelling Software tutorial developer, Victoria University, Melbourne, Australia.

#### JOURNAL REVIEWS AND SERVICES

Review of Regional Studies, *Technical Editor*  
 Journal of Comments and Replications in Economics, *Data Steward*

Reviewer: International Journal of Finance and Economics; 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

**AFFILIATIONS**

Center for Land Use and Sustainability (CLUS), *Research affiliate scholar*  
 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.

**EDUCATION**

Ph.D. in Economics, West Virginia University, United States,	2016-2020
MA in Economics, West Virginia University, United States,	2016-2019
MA in Economics, Tribhuvan University, Nepal	2011-2013
MBA in Marketing, Indira Gandhi National Open University, India	2010-2012
BA in Economics and Sociology, Tribhuvan University, Nepal	2006-2009
Intermediate in Architectural Engineering, Thapathali Engineering Campus,	2003-2006

**PREVIOUS EMPLOYMENTS**

**Teaching Experiences**, West Virginia University, *Instructor of Record*  
 Elementary Business and Economic Statistics Summer 2019, Fall 2019, and Spring 2020  
 Principles of Macroeconomics Spring 2019  
**Other Teaching Related Experiences**, West Virginia University  
 Mathematical Economics (TA, PhD Econ course, teaching 30% of course) Fall 2018  
 Business Data Visualization (Online course design) Summer 2017 & 2018  
**Graduate Research Assistance**, Regional Research Institute (RRI). WVU Aug 2016–Aug 2018.  
**Economic Consultant**, National Planning Commission, Nepal Mar 2016–Jul 2016.

**CERTIFICATION**

Datacamp Certification on Data Science in R Track	<a href="#">Certificate.</a>
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**SKILLS**

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