

EXPERIENCES**Academic Employment**

Shippensburg University of Pennsylvania, *Assistant Professor of Economics* 2020–Current
 Economic Analysis of Big Data | Data Analytics | Portfolio Optimization | Regional Economics | Managerial Economics | Principles of Macroeconomics | Principles of Economics

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*Journal Articles*

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.** & Seigny 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.

Book Review

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

SPONSORED RESEARCH AND GRANTS

Primary data scientist

July 2022

(\$45,000)

The Knee Center and John Chambers College of Business and Economics, West Virginia University, provided this grant for the Study of Occupational Regulation and to purchase The Health Care Cost Institute data, which has restricted access to health care claims data for practitioners serving Medicare fee-for-service and pharmacies.

The Commonwealth Foundation, Researcher

July 2022

(\$15,000)

The Commonwealth Foundation is helping Pennsylvania write the next chapter in America's story. I and my team examine how full practice authority can increase provider supply and improve outcomes in Pennsylvania.

Conference on Unintended Consequences of US Opioid Policies, Project Lead

July 2022

(\$6,000)

This grant was provided by the Institute for Humane Studies (IHS) at George Mason University to finance the direct costs of sponsoring 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.

Center for Excellence in Teaching and Learning Grant

May 2022

(\$2000)

This grant covered several conference registration expenses. The conference includes the APEE and Pennsylvania Economic Association (PEA).

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 and effect vanishes with distance and can spill over to unintended consequences.

Center for Excellence in Teaching and Learning Grant

May 2021

(\$2000)

The grant covered several conference registration expenses. The conference includes the Southern Economic Association, ASHEcon— American Society of Health Economist, Western Economic Association International, and The Southern Regional Science Association (SRSA).

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 – 1st 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

Towson University	Sep 2022
Applied Health Services Research and Public Policy	Sep 2022
Further Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies	Jul 2022
The 36 th Annual Conference of Pennsylvania Economic Association, Gannon University	Jun 2022
Economics of Personal Investing, Investment Club Shippensburg University	Mar 2022
Does Gender Gap in Test Score Exist? Evidence from Administrative Data from Afghanistan: Department of International Studies 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 (PASSHE) Conference on Teaching and Learning	Jan 2022
Gulati Institute of Finance and Taxation– An autonomous research institute under 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, Email Nudges, and Grade Outcomes	Nov 2021
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

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

Board of Directors, Pennsylvania Economic Association (2022-current)
 Himalayan Applied Economics and Policy Association (HAEPA), University of New Mexico (UNM), *Communication and Membership Outreach Committee* (2021-current)
 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*

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

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

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

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 [Certificate](#).

SKILLS

R, Markdown, Shiny, Python, GitHub, Eviews, L^AT_EX