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🌐 <http://shishirshakya.github.io>

## EXPERIENCES

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| <b>Academic Employment</b> , Shippensburg University of Pennsylvania, <i>Assistant Professor of Economics</i> |  |
| Regional Economics  | Spring 2022                                      |
| Managerial Economics  | Spring 2022, Fall 2021, Summer–B 2021            |
| Economic Analysis of Big Data   | Spring 2021                                      |
| Principles of Macroeconomics  | Fall 2021, Spring 2021                           |
| Principles of Economics   | Fall 2022, Summer B 2022, Fall 2020, Winter 2021 |

## UNDER REVIEW

1. **Shakya, S.**, & Hodges, C. (2022). Must-access Prescription Drug Monitoring Programs and Retail Opioid Sales.
2. **Shakya, S.**, & Ruseski, J., (2022). The Effect of Prescription Drug Monitoring Programs on County-Level Opioid Prescribing Practices and Spillovers.
3. **Shakya, S.** (2022). Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.
4. **Shakya, S.**, & Plemmons, A., (2022). Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.
5. 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.
6. Han, L. & **Shakya, S.** (2022). The Dark Side of the Shale Boom– County-Level Analysis.
7. Neto., A, Nowicki, J., & **Shakya, S.**, (2021). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO.
8. Mobariz A.S., & **Shakya, S.** (2022). Does Gender Test Score Gap Exist? Evidence from Administrative Data from Afghanistan.
9. **Shakya, S.**, & Levinstein, M., (2022). Grading Policy, Email Nudges, and Grade Outcomes.

## PUBLICATIONS

### *Journal Articles*

1. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse Licensure Compact and Mobility. *Journal of Labor Research*.
2. **Shakya, S.**, & Harrish, Samantha (2022). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Drug and Alcohol Dependence Reports*.
3. **Shakya, S.**, Li, B., & Etienne, X., (2022). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Energy Economics*.
4. **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.
5. **Shakya, S.**, Basnet, S., & Paudel (2022). Natural Disasters and Labor Migration: Evidence from Nepal's Earthquake. *World Development*.
6. **Shakya, S.**, Plemmons, A. (2022) Productivity Spillovers and the Productivity–compensation Gap, *Spatial Economic Analysis*.
7. **Shakya, S.** & Sohag, K. (2021). The Fracking Boom and Crime Rates in the Rural American States: Some Critical Insights. *The Extractive Industries and Society*.

8. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42.
9. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont's Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
10. **Shakya, S.** & Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434.
11. 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.
12. 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*.
13. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241.
14. **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.
15. **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. Kariburyo, M.S., Etienne, X., & **Shakya, S.** (2022). Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis.
2. Long, J., & **Shakya, S.**, & Plemmons, A. & Stull, M. (2022) Is Time Money? Exploring the Temporal Actions under Uncertainty in Crowdfunding Campaigns.
3. **Shakya, S.** (2022). The Interstate Medical Licensure Compact, Physicians' Mobility, and Nurse Practitioner's Scope of Practice Law.
4. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. T. (2022). Industry Regulation Spillover Networks.
5. **Shakya, S.** & Roy, A. (2022). Spatial Distribution of Mental Health Providers in the US.
6. Dutta, N., & **Shakya, S.**, (2021). Individualism and Financial Inclusion.
7. **Shakya, S.**, & Plemmons, A., (2019). Regional Institutional Quality and Job Creation among Early Startups in the United States.
8. **Shakya, S.**, (2022). Heterogeneous Treatment Effects of Medicaid.
9. **Shakya, S.**, & Chatterjee, C., (2019). Impact of Medicaid Work Requirement on Healthcare Utilization and Healthcare Costs.
10. Minuci, E., & **Shakya, S.**, (2022). The Impact of Fracking on the Asset Portfolio Allocation of Local Banking Markets.
11. Ruboyianes, A., **Shakya, S.**, & Plemmons, A., (2022). A Campaign Worth a Thousand Words: The Value of Words in Crowdfunding Descriptions.
12. **Shakya, S.**, & Hodges, C., (2022). Prescription Opioid Spillovers: Retail Pharmacies Level Analysis.
13. Thomas, P., & **Shakya, S.** (2022). Impact of Energy Transition on Energy Burden.

## 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.

*Conference on Unintended Consequences of US Opioid Policies, Project Lead*

July 2022

(\$5,000)

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 the 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 – 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

Further Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies

Jul 2022

The 36<sup>th</sup> Annual Conference of Pennsylvania Economic Association, Gannon University

Jun 2022

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| 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   |
| 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       |

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| 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:* 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, SQL, GitHub, Eviews, L<sup>A</sup>T<sub>E</sub>X

Last updated: Monday 11<sup>th</sup> July, 2022