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EDUCATION

Ph.D. in Economics: West Virginia University, United States 2016-2020

ACADEMIC POSITIONS & TEACHING

Assistant Professor of Economics: Appalachian State University Aug 2023–Current
 Business & Economic Statistics II Fall 2023

Forecasting & Time Series Models Fall 2023

Visiting Research Fellow: West Virginia University Apr 2023–Jul 2023

Knee Regulatory Research Center at

John Chambers College of Business and Economics

Assistant Professor of Economics: Shippensburg University Aug 2020–Jul 2023

Graduate Teaching Assistance: West Virginia University 2018–2020

Graduate Research Assistance: Regional Research Institute (RRI) WVU 2016–2018

REVISION REQUEST

1. **Shakya, S.** & Roy, A. Access to Mental Health Care Services & Suicide Rates in the United States.
2. **Shakya, S.**, Plemmons, A., Bae, K. & Timmons, E. The Pharmacist Will See You Now: Pharmacist Prescriptive Authority and Access to Care in Idaho.
3. **Shakya, S.**, & Plemmons, A. Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.
4. Ammos, J. & **Shakya, S.** (2024). Revolutions and Corruption.
5. Shah Mobariz, A., & **Shakya, S.** (2024). Cultural Influences on Gender Gap in Test Scores: Findings from Afghanistan's University Entrance Examination.

UNDER SUBMISSION

1. **Shakya, S.**, Ghosh, S. Did streamlining the pathway for foreign-trained workers in Vermont affect the number of workers in licensed trades?
2. **Shakya, S.**, Nepal, T., & Timmons, E. Anti-Maintenance of Certification and Elderly Physician Supply.
3. **Shakya, S.**, Bae, K., Norris, C. & Timmons, E. Nurse Practitioner Scope of Practice and Access to Primary Care in North Carolina
4. Johnson, D., and **Shakya, S.** Gun Laws can Indirectly Change Gun Availability.
5. **Shakya, S.**, & Hodges, C. Prescription Opioid Spillovers: Retail Pharmacies Level Analysis.
6. **Shakya, S.**.. Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.
7. Pham, T., **Shakya, S.**.. & Scarcioffolo, A. The Impact of Funded Campaigns in Shaping Voting Outcomes - A Case of California Proposition 8.
8. **Shakya, S.** & Dutta. N. How Individualism Influences Female Financial Inclusion through Education: Evidence from Historical Prevalence of Infectious Diseases.
9. **Shakya, S.**, Plemmons, A., & Sayago-Gomez, J. T. Industry Regulation Spillover Networks.

PUBLICATIONS

1. **Shakya, S.** and Bretschneider Fries, C. (2024). Impacts of Certificate of Need (CON) State Laws on Substance Abuse Treatment Facilities and Services. *Southern Economic Journal*, forthcoming. [Working paper.](#)
2. Plemmons, A., **Shakya, S.**, & Timmons, E. (2024). Rural Health Care Access in North Dakota: Unlocking the Potential of Health Care Providers. Research Insights *Sheila and Robert Challey Institute, North Dakota State University, Research Insights.* [Download.](#)
3. **Shakya, S.** (2024). Understanding the Role of Immigrants in the US Health Sector: Employment Trends From 2007–21. *Rice University, Baker Institute for Public Policy, Center for the US and Mexico, Research Paper* [Download.](#)
4. Bae, K., Norris, C., **Shakya, S.**, & Timmons, E. (2023). Advanced Practice Registered Nurse Full Practice Authority, Provider Supply, and Health Outcomes: A Border Analysis. *Policy, Politics, & Nursing Practice* [Download.](#)
5. Neto, A, Nowicki, J., & **Shakya, S.** (2023). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO. *The Journal of Cultural Economics* [Download.](#)
6. **Shakya, S.**, & Levinstein, M. (2023). Grading Policy, Email Nudges, and Grade Outcomes. *The Journal of Economic Education*
7. **Shakya, S.**, & Ruseski, J., (2023). The Effect of Prescription Drug Monitoring Programs on County-Level Opioid Prescribing Practices and Spillovers. *Contemporary Economic Policy.* [Download.](#)
8. 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.* [Download.](#)
9. 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.* [Download.](#)
10. **Shakya, S.**, & Hodges, C. (2022). Must access Prescription Drug Monitoring Programs and Retail Opioid Sales. *Contemporary Economic Policy.* [Download.](#)
11. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse Licensure Compact and Mobility. *Journal of Labor Research.* [Download.](#)
12. **Shakya, S.**, & Harrish, Samantha (2022). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Drug and Alcohol Dependence Reports.* [Download.](#)
13. **Shakya, S.**, Li, B., & Etienne, X., (2022). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Energy Economics.* [Download.](#)
14. **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. [Download.](#)
15. **Shakya, S.**, Basnet, S., & Paudel (2022). Natural Disasters and Labor Migration: Evidence from Nepal’s Earthquake. *World Development.* [Download.](#)
16. **Shakya, S.**, Plemmons, A. (2022) Productivity Spillovers and the Productivity–compensation Gap, *Spatial Economic Analysis.* [Download.](#)
17. **Shakya, S.** & Sohag, K. (2021). The Fracking Boom and Crime Rates in the Rural American States: Some Critical Insights. *The Extractive Industries and Society.* [Download.](#)
18. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42. [Download.](#)
19. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont’s Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
20. **Shakya, S.** & Plemmons, A. (2020). Does Scope of Practice Affect Mobility of Nurse Practitioners Serving Medicare Beneficiaries? *Journal of Labor Research*, 41:421–434. [Download.](#)

21. 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. [Download.](#)
22. 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*. [Download.](#)
23. **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*. [Download.](#)
24. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241. [Download.](#)
25. **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. [Download.](#)
26. **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. [Download.](#)

WORKING PAPERS

1. Minuci, E., & **Shakya, S.** The Impact of Fracking on the Asset Portfolio Allocation of Local Banking Markets.
2. Kariburyo, M.S., Etienne, X., & **Shakya, S.** Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis.
3. Deyo, D., Ampaabeng, K., **Shakya, S.**, Norris, C. & Timmons, E., (2022). Public Interest or Policy Diffusion: Analyzing the Effects of Massage Therapist Municipal Licensing
4. **Shakya, S.** & Kohlhepp, J. Occupational Licensing and Organizational Complexity: Evidence from Hair Salon Transactions
5. Thomas, P., & **Shakya, S.** Impact of Energy Transition on Energy Burden.
6. **Shakya, S.** The Interstate Medical Licensure Compact, Physicians’ Mobility, and Nurse Practitioner’s Scope of Practice Law.
7. **Shakya, S.** & Bedi, J.K., Plemmons, A. Scope of Practice Laws and Sole Proprietor Nurse Practitioners.
8. **Shakya, S.** & Ammos, J. The Polyarchy Paradigm: Unraveling Corruption and Fostering Transparency.
9. Ammos, J. & **Shakya, S.** Moderation and Revolutions
10. **Shakya, S.**, Plemmons, A., & Norris, C. Military Spouse Licensing: A Case Study of Registered Nurses within Military Bases Proximity.
11. Koumpias, A.M., Beniwal, S., Marulli, S., & **Shakya, S.** Determinants of Walmart Health Clinic Market Entry across US Counties
12. Long, J., & **Shakya, S.**, & Plemmons, A. & Stull, M. Is Time Money? Exploring the Temporal Actions under Uncertainty in Crowdfunding Campaigns.
13. **Shakya, S.**, & Plemmons, A. Regional Institutional Quality and Job Creation among Early Startups in the United States.

SPONSORED RESEARCH AND GRANTS

Primary Investigator: University Research Council Grants (\$4986) Spring 2024
 Uncovering Maternal Healthcare Deserts: A Geo-spatial Exploration of Access Disparities in the United States

Primary Investigator: The John William Pope Foundation (\$115,000)
 Nurse Practitioner Scope of Practice and Access to Primary Care in North Carolina Fall 2023

Researcher: Center for the United States and Mexico

Rice University's Baker Institute for Public Policy, (\$3,500)	Fall 2022
Primary Data Scientist: Commercial health care claims data analysis, (\$45,000)	Fall 2022
Researcher: The Commonwealth Foundation, (\$15,000)	Summer 2022
Project Lead: Unintended Consequences of US Opioid Policies, (\$5,000)	Summer 2022
Center for Excellence in Teaching and Learning Grant, (\$2,000 \times 3)	2022 & 2021
Young Scholars Program, (\$700)	Spring 2022

SERVICES

Board of Directors, Pennsylvania Economic Association (2022-2023)

Data Editor: Journal of Comments and Replications in Economics

Reviewers: Drug and Alcohol Review, Energy Economics, Pharmacoepidemiology and Drug Safety, 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. Andrew Young School of Policy Studies, Georgia State University	Mar 2024
2. SJSU Philosophy, Politics, and Economics Research Seminar, San Jose State University	Mar 2024
3. The Appalachian Institute to Advance Health Equity Science (ADVANCE), Ohio University	Apr 2024
4. Darla Moore School of Business, University of South Carolina: Access to Mental Health Care Services & Suicide Rates in the United States.	Oct 2023
5. Towson University: Impacts of Certificate of Need (CON) State Laws on Substance Abuse Treatment Facilities and Services	Sep 2023
6. Immigration Impacts on Healthcare, Institute for Humane Studies	Sep 2023
7. Liberty over Lunch Seminar, Western Carolina University: Impacts of Certificate of Need (CON) State Laws on Substance Abuse Treatment Facilities and Services	Sep 2023
8. Towson University: Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.	Sep 2022
9. Applied Health Services Research and Public Policy	Sep 2022
10. Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies	Jul 2022
11. The 36 th Annual Conference of Pennsylvania Economic Association	Jun 2022
12. Economics of Personal Investing, Investment Club Shippensburg University	Mar 2022
13. Dickinson College: Does Gender Gap in Test Score Exist? Evidence from Administrative Data from Afghanistan	Mar 2022
14. Institute for Integrated Development Studies (IIDS)	Mar 2022
15. The Institute for Humane Studies and Arkansas Center for Research in Economics: Labor Market Effects of Scope of Practice Policies	Jan 2022
16. Pennsylvania's State System of Higher Education (PASSHE) Conference on Teaching and Learning	Jan 2022
17. Gulati Institute of Finance and Taxation: Healthcare Occupational Regulation and Healthcare Professional's Mobility	Nov 2021
18. Ural Federal University: The Dark Side of the Shale Boom– County-Level Analysis	Nov 2021
19. Center for Social Research: Grading Policy, Email Nudges, and Grade Outcomes	Nov 2021
20. National Council of State Boards of Nursing (NCSBN): Impact of Nurse Licensure Compact	Sep 2021
21. The Arkansas Center for Research in Economics (ACRE): Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries	Oct 2020
22. Economics Students' Society Nepal: Causal Inference Workshop	Sep 2020
23. Icesi University: Heterogeneous Treatment Effects of Medicaid	May 2020

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| 24. Mathematica Policy Research: Heterogeneous Treatment Effects of Medicaid | Feb 2020 |
| 25. Center for Health Incentives and Behavioral Economics, The University of Pennsylvania: Heterogeneous Treatment Effects of Medicaid | Mar 2020 |

CONFERENCE PRESENTATIONS

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|---|------------|
| 1. Southern Economic Association (SEA) | Nov 2023 |
| 2. Carolina Region Empirical Economics Day (CREED) Program | Oct 2023 |
| 3. 1st Certificate of Need Law Research Conference | June 2023 |
| 4. The Association of Private Enterprise Education: APEE | April 2023 |
| 5. Southern Economic Association (SEA) | Nov 2022 |
| 6. ASHEcon– American Society of Health Economist | Jun 2022 |
| 7. The Association of Private Enterprise Education: APEE | April 2022 |
| 8. AEA Annual Meeting | Jan 2022 |
| 9. Southern Economic Association (SEA) | Nov 2021 |
| 10. ASHEcon– American Society of Health Economist | Jun 2021 |
| 11. Western Economic Association International | Jun 2021 |
| 12. The Southern Regional Science Association (SRSA) | Mar 2021 |
| 13. Annual Knee Center Occupational Licensing Conference | May 2021 |
| 14. Southern Economic Association (SEA) | Nov 2020 |
| 15. The North American Regional Science Council (NARSC) | Nov 2020 |
| 16. Annual Knee Center Occupational Licensing Conference | May 2020 |
| 17. Symposium on Data Science and Statistics | Jun 2020 |
| 18. The Southern Regional Science Association (SRSA) | 2019 |
| 19. The North American Regional Science Council (NARSC) | 2019 |
| 20. Public Choice Society Annual Meetings | 2019 |
| 21. Graduate Research Workshop - Institute for Humane Studies | 2019 |
| 22. YSI North America Convening | 2019 |
| 23. The Southern Regional Science Association (SRSA) | 2018 |
| 24. The North American Regional Science Council (NARSC) | 2018 |
| 25. Applied Economics and Regional Science (AERS) | 2018 |
| 26. The Southern Regional Science Association (SRSA) | 2017 |
| 27. Applied Economics and Regional Science (AERS) | 2017 |