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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  
Forecasting & Time Series Models Spring 2024, Fall 2023  
Business & Economic Statistics II 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. Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries.
3. **Shakya, S.**, Ghosh, S. Did streamlining the pathway for foreign-trained workers in Vermont affect the number of workers in licensed trades?
4. **Shakya, S.**, Plemmons, A., and Norris, C. Military Spouse Licensing: A Case Study of Registered Nurses near Military Bases

UNDER SUBMISSION

1. Adhikari, M., **Shakya, S.**, Sylvia, S., & Holmes, M. Impact of Nepal’s 2015 Earthquake on Childhood Nutrition: Gendered and Ethnic Disparities
2. **Shakya, S.**, Bedi, J., and Plemmons, A. Healthcare Workforce Shortages and Job Autonomy: Nurse Practitioners and Entrepreneurship in the United States
3. Johnson, D., and **Shakya, S.** Gun Laws can Indirectly Change Gun Availability.
4. Pham, T., **Shakya, S.** & Scarcioffolo, A. The Impact of Funded Campaigns in Shaping Voting Outcomes - A Case of California Proposition 8.
5. **Shakya, S.** & Dutta. N. Financial Inclusion for Females and Individualism: Does Education Act as a Mediator?
6. Ammos, J. & **Shakya, S.** (2024). Seeding Reform or Reaping Chaos? Liberal Institutional Outcomes of Violent vs. Nonviolent Revolutionary Regime Changes.
7. **Shakya, S.**, & Hodges, C. Prescription Opioid Spillovers: Retail Pharmacies Level Analysis.
8. **Shakya, S.**, Nepal, T., Mathew, M., & Timmons, E. Anti-Maintenance of Certification and Elderly Physician Supply.
9. **Shakya, S.**, Bae, K., Norris, C. & Timmons, E. Nurse Practitioner Scope of Practice and Access to Primary Care in North Carolina.
10. Scarcioffolo, A., Mugabe, D., **Shakya, S.** Stuck in the Middle: The Conundrum of Firms’ Responsiveness to Environmental Policy in Shale Production.

## PUBLICATIONS

1. Beniwal, S. and **Shakya, S.** (2024). Hospital Ownership Changes and Charge-to-cost Shifts. *Economics Letters*, forthcoming [Working paper](#).
2. Ammos, J. & **Shakya, S.** (2024). Revolutions and Corruption. *Public Choice*, forthcoming. [Working paper](#).
3. **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](#).
4. **Shakya, S.**, Plemmons, A., Bae, K. & Timmons, E. (2024) The Pharmacist Will See You Now: Pharmacist Prescriptive Authority and Access to Care in Idaho. *Contemporary Economic Policy*, forthcoming. [Working paper](#).
5. 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](#).
6. **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](#).
7. **Shakya, S.**, & Levinstein, M. (2024). Grading Policy, Email Nudges, and Grade Outcomes. *The Journal of Economic Education*, forthcoming
8. Shah Mobariz, A., & **Shakya, S.** (2024). Cultural Influences on Gender Gap in Test Scores: Findings from Afghanistan's University Entrance Examination. *Applied Economics Letters*, forthcoming.
9. 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](#).
10. Neto., A, Nowicki, J., & **Shakya, S.** (2023). Do Public Libraries Help Mitigate Crime? Evidence from Kansas City, MO. *The Journal of Cultural Economics* [Download](#).
11. **Shakya, S.**, & Ruseski, J., (2023). The Effect of Prescription Drug Monitoring Programs on County-Level Opioid Prescribing Practices and Spillovers. *Contemporary Economic Policy*. [Download](#).
12. 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](#).
13. 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](#).
14. **Shakya, S.**, & Hodges, C. (2022). Must access Prescription Drug Monitoring Programs and Retail Opioid Sales. *Contemporary Economic Policy*. [Download](#).
15. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse Licensure Compact and Mobility. *Journal of Labor Research*. [Download](#).
16. **Shakya, S.**, & Harrish, Samantha (2022). Medicaid Expansion and Opioid Supply Policies to Address the Opioid Crisis. *Drug and Alcohol Dependence Reports*. [Download](#).
17. **Shakya, S.**, Li, B., & Etienne, X., (2022). Shale Revolution, Oil and Gas Prices, and Drilling Activities in the United States. *Energy Economics*. [Download](#).
18. **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](#).
19. **Shakya, S.**, Basnet, S., & Paudel (2022). Natural Disasters and Labor Migration: Evidence from Nepal's Earthquake. *World Development*. [Download](#).
20. **Shakya, S.**, Plemmons, A. (2022) Productivity Spillovers and the Productivity–compensation Gap, *Spatial Economic Analysis*. [Download](#).

21. **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.](#)
22. **Shakya, S.** & Plemmons, A. (2021). The Impact of Economic Freedom on Startups. *Journal of Regional Analysis & Policy*, 51(1):29–42. [Download.](#)
23. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The Political Economy of Vermont's Abortion Bill. *Applied Economics Letters*, 0(0):1–5.
24. **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.](#)
25. 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.](#)
26. 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.](#)
27. **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.](#)
28. Hall, J. & **Shakya, S.** (2019). Federal Regulations and US Energy Sector Output. *Oil, Gas, Energy Quarterly*, 68(2):229–241. [Download.](#)
29. **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.](#)
30. **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. **Shakya, S.** & Jahan, I. Why Marginal Revolution Empowers Women?
2. **Shakya, S.** & Callais, Justin T. , I. What Do Women Get From Revolution?
3. Minuci, E., & **Shakya, S.**. The Impact of Fracking on the Asset Portfolio Allocation of Local Banking Markets.
4. Kariburyo, M.S., Etienne, X., & **Shakya, S.**. Colonial Heritage, Traditional, and Chinese Foreign Direct Investments in Africa: A Dynamic Spatial Interdependence Analysis.
5. Deyo, D., Ampaabeng, K., **Shakya, S.**, Norris, C. & Timmons, E., (2022). Public Interest or Policy Diffusion: Analyzing the Effects of Massage Therapist Municipal Licensing
6. **Shakya, S.** & Kohlhepp. J. Occupational Licensing and Organizational Complexity: Evidence from Hair Salon Transactions
7. Thomas, P., & **Shakya, S.**. Impact of Energy Transition on Energy Burden.
8. **Shakya, S.**. The Interstate Medical Licensure Compact, Physicians' Mobility, and Nurse Practitioner's Scope of Practice Law.
9. **Shakya, S.**. & Bedi, J.K., Plemmons, A. Scope of Practice Laws and Sole Proprietor Nurse Practitioners.
10. **Shakya, S.**. & Ammos, J. The Polyarchy Paradigm: Unraveling Corruption and Fostering Transparency.
11. Ammos, J. & **Shakya, S.** Moderation and Revolutions
12. **Shakya, S.**, Plemmons, A., & Norris, C. Military Spouse Licensing: A Case Study of Registered Nurses within Military Bases Proximity.
13. Koumpias, A.M., Beniwal, S., Marulli, S., & **Shakya, S.** Determinants of Walmart Health Clinic Market Entry across US Counties

14. Long, J., & **Shakya, S.**, & Plemmons, A. & Stull, M. Is Time Money? Exploring the Temporal Actions under Uncertainty in Crowdfunding Campaigns.
15. **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 Geospatial 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 × 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. The Appalachian Institute to Advance Health Equity Science (ADVANCE), Ohio University Apr 2024
2. Nepali Academics in America Mar 2024
3. Andrew Young School of Policy Studies, Georgia State University Mar 2024
4. SJSU Philosophy, Politics, and Economics Research Seminar, San Jose State University Mar 2024
5. Darla Moore School of Business, University of South Carolina: Access to Mental Health Care Services & Suicide Rates in the United States. Oct 2023
6. Towson University: Impacts of Certificate of Need (CON) State Laws on Substance Abuse Treatment Facilities and Services Sep 2023
7. Immigration Impacts on Healthcare, Institute for Humane Studies Sep 2023
8. Liberty over Lunch Seminar, Western Carolina University: Impacts of Certificate of Need (CON) State Laws on Substance Abuse Treatment Facilities and Services Sep 2023
9. Towson University: Scope of Practice and Opioid Prescribing Behavior of Nurse Practitioners Serving Medicare Beneficiaries. Sep 2022
10. Applied Health Services Research and Public Policy Sep 2022
11. Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies Jul 2022
12. The 36<sup>th</sup> Annual Conference of Pennsylvania Economic Association Jun 2022
13. Economics of Personal Investing, Investment Club Shippensburg University Mar 2022
14. Dickinson College: Does Gender Gap in Test Score Exist? Evidence from Administrative Data from Afghanistan Mar 2022
15. Institute for Integrated Development Studies (IIDS) Mar 2022

16. The Institute for Humane Studies and Arkansas Center for Research in Economics: Labor Market Effects of Scope of Practice Policies Jan 2022
17. Pennsylvania's State System of Higher Education (PASSHE) Conference on Teaching and Learning Jan 2022
18. Gulati Institute of Finance and Taxation: Healthcare Occupational Regulation and Healthcare Professional's Mobility Nov 2021
19. Ural Federal University: The Dark Side of the Shale Boom– County-Level Analysis Nov 2021
20. Center for Social Research: Grading Policy, Email Nudges, and Grade Outcomes Nov 2021
21. National Council of State Boards of Nursing (NCSBN): Impact of Nurse Licensure Compact Sep 2021
22. The Arkansas Center for Research in Economics (ACRE): Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries Oct 2020
23. Economics Students' Society Nepal: Causal Inference Workshop Sep 2020
24. Icesi University: Heterogeneous Treatment Effects of Medicaid May 2020
25. Mathematica Policy Research: Heterogeneous Treatment Effects of Medicaid Feb 2020
26. Center for Health Incentives and Behavioral Economics, The University of Pennsylvania: Heterogeneous Treatment Effects of Medicaid 2020 Mar

### CONFERENCE PRESENTATIONS

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