

✉ shakyas@appstate.edu
🌐 <http://shishirshakya.github.io>
😊 Citizenship: U.S. Citizen

EDUCATION

ACADEMIC POSITIONS AND TEACHING

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| Assistant Professor of Economics: | <i>Appalachian State University</i> | Aug 2023-Current |
| Applied Econometrics | | Fall 2025 |
| Principles of Microeconomics | | Fall 2024 |
| Forecasting and Time Series Models | | Spring 2025/24, Fall 2023 |
| Forecasting and Time Series Models (MBA) | | Spring 2024 |
| Business and Economic Statistics II | Spring 2025, Fall 2025/24/23, Summer 2025/24 | |

- Research Fellow:** *Archbridge Institute* Jul 2025-Current

- Research Fellow:** AIM-AHEAD Bridge2AI for Clinical Care Training Program Funded by National Institutes of Health (NIH) Jan 2025-Current

- 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

REVISION SUBMITTED

5. Tyner et.al (n.d.) Investigating replicability in the Social and Behavioral Sciences.
 4. **Shakya, S.**, & Roy, A. (n.d.). Access to mental health care services and suicide rates in the United States.
 3. Bailey, J., & **Shakya, S.** (n.d.). The impact of repealing Certificate-of-Need laws on healthcare spending: A causal analysis.
 2. Bedi, J., **Shakya, S.**, & Jia, S. (n.d.). Closing time: Impacts of deportation on entrepreneurship.
 1. Ammons, J., & **Shakya, S.** (n.d.). Covert Regime Change and Ideology

UNDER SUBMISSIONS

2. Sugg, M., Ulrich, S., Runkle, J., and **Shakya, S.** (n.d.). Geographic Access to Maternity Care and the Hidden Burden of Maternal Mental Health: A Spatial Analysis of Diagnosis Disparities in North Carolina.
 1. Kanimian, S. & **Shakya, S.** (n.d.). Ripple Effects by Ownership Types: Impact of Hospital Closures on Charges and Profitability.

PUBLICATIONS

35. Hodges, C. & **Shakya, S.** (2025). Prescription opioid spillovers: Retail pharmacies level analysis. *Journal of Substance Use and Addiction Treatment.* [Download](#)
34. Nepal, T., & **Shakya, S.** (2025). Scope-of-practice regulations and physician assistant inter-state mobility. *Journal of Labor Research.* [Download](#)
33. Sugg, M., **Shakya, S.**, Ulrich, S., Runkle, J., & Tyson, J. (2025). Uncovering maternal healthcare deserts: A geospatial exploration of access disparities in the United States. *The Journal of Rural Health.* [Download](#)
32. **Shakya, S.**, Nepal, T., Mathew, M., & Timmons, E. (2024). Anti-maintenance of certification and elderly physician supply. *Economic Letters.* [Download](#)
31. **Shakya, S.**, & Plemmons, A. (2024). Scope of practice and opioid prescribing behavior of nurse practitioners serving Medicare beneficiaries. *Health Economics.* [Download](#)
30. Scarcioffolo, A., Mugabe, D., & **Shakya, S.** (2024). Stuck in the middle: The conundrum of firms' responsiveness to environmental policy in shale production. *Applied Economics Letters.* [Download](#)
29. **Shakya, S.**, Plemmons, A., & Norris, C. (2024). Military spouse licensing: A case study of registered nurses near military bases. *Journal of Regulatory Economics.* [Download](#)
28. Beniwal, S., & **Shakya, S.** (2024). Hospital ownership changes and charge-to-cost shifts. *Economics Letters.* [Download](#)
27. Ammons, J., & **Shakya, S.** (2024). Revolutions and corruption. *Public Choice.* [Download](#)
26. **Shakya, S.**, & Bretschneider Fries, C. (2024). The effect of substance use Certificate-of-Need laws on access to substance use disorder treatment facilities. *Southern Economic Journal.* [Download](#)
25. **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.* [Download](#)
24. **Shakya, S.**, & Levinstein, M. (2024). Grading policy, email nudges, and grade outcomes. *The Journal of Economic Education.* [Download](#)
23. Shah Mobariz, A., & **Shakya, S.** (2024). Cultural influences on gender gap in test scores: Findings from Afghanistan's university entrance examination. *Applied Economics Letters.* [Download](#)
22. 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, and Nursing Practice.* [Download](#)
21. Neto, A., Nowicki, J., & **Shakya, S.** (2023). Do public libraries help mitigate crime? Evidence from Kansas City, MO. *The Journal of Cultural Economics.* [Download](#)

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- 20. **Shakya, S.**, & Ruseski, J. (2023). The effect of prescription drug monitoring programs on county-level opioid prescribing practices and spillovers. *Contemporary Economic Policy*. [Download](#)
 - 19. 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, and Nursing Practice*. [Download](#)
 - 18. **Shakya, S.**, & Hodges, C. (2022). Must access prescription drug monitoring programs and retail opioid sales. *Contemporary Economic Policy*. [Download](#)
 - 17. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse licensure compact and mobility. *Journal of Labor Research*. [Download](#)
 - 16. **Shakya, S.**, & Harrish, S. (2022). Medicaid expansion and opioid supply policies to address the opioid crisis. *Drug and Alcohol Dependence Reports*. [Download](#)
 - 15. **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*. [Download](#)
 - 13. **Shakya, S.**, Basnet, S., & Paudel, J. (2022). Natural disasters and labor migration: Evidence from Nepal's earthquake. *World Development*. [Download](#)
 - 12. **Shakya, S.**, & Plemmons, A. (2022). Productivity spillovers and the productivity-compensation gap. *Spatial Economic Analysis*. [Download](#)
 - 11. Long, A J, **Shakya, S.**, Plemmons, A, & Stull, M (2021). Is Time Really Money? Exploring the Temporal Actions Under Uncertainty in Crowdfunding Campaigns. *Frontiers of Entrepreneurship Research*. [Download](#).
 - 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*. [Download](#)
 - 9. **Shakya, S.**, & Plemmons, A. (2021). The impact of economic freedom on startups. *Journal of Regional Analysis and Policy*. [Download](#)
 - 8. **Shakya, S.**, Erfanian, E., & Scarcioffolo, A. (2020). The political economy of Vermont's abortion bill. *Applied Economics Letters*. [Download](#)
 - 7. **Shakya, S.**, & Plemmons, A. (2020). Does scope of practice affect mobility of nurse practitioners serving Medicare beneficiaries? *Journal of Labor Research*. [Download](#)
 - 6. Ismailova, Z., Etienne, X., **Shakya, S.**, & Mattos, F. (2020). Quantifying the announcement effects in the US lumber futures market. *Journal of Forest Economics*. [Download](#)
 - 5. 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](#)

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4. **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](#)
 3. Hall, J. & **Shakya, S.** (2019). Federal regulations and US energy sector output. *Oil, Gas, Energy Quarterly*, 68(2):229-241. [Download](#)
 2. **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](#)
 1. **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](#).

POLICY BRIEFS

4. Plemmons, A., **Shakya, S.**, & Timmons, E. (2024). Rural health care access in North Dakota: Unlocking the potential of health care providers. *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](#)
2. **Shakya, S.**, Bae, K., Norris, C. and Timmons, E (n.d.). Nurse Practitioner Full Practice Authority and Access to Primary Care in North Carolina. [Download](#)
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.* [Download](#)

BOOK CHAPTERS

1. Pham, T., **Shakya, S.**.. and Scarcioffolo, A. (2025). The Impact of Funded Campaigns in Shaping Voting Outcomes - A Case of California Proposition 8., *Empirical Applications of the Median Voter Model.*

EXTERNAL FUNDING

10. NIH AIM-AHEAD Program for Artificial Intelligence Readiness (PAIR) Program Co-hort **\$125,000** Not Funded. 2025.
9. Flourishing and the Future Conference at Chetola Resort at Blowing Rock. **\$100,000** Funded. Aug 2025.
8. Long-Term Mental Health Impacts of Climate Change-Related Natural Disasters: A Causal Analysis of Depressive and Cognitive Symptoms, REsearch at Appalachian Impact SEEd funding (REALISE) program. **\$13,500** Not Funded.
7. Ammons, J. and **Shakya, S.** (n.d.). Seeding reform or reaping chaos? Liberal institutional outcomes of violent vs. nonviolent revolutionary regime changes, Governing Deep Differences Grant Program, Center for Governance and Markets University of Pittsburgh. **\$9,500** Funded.

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6. Timmons, E., Bae, K., and **Shakya, S.** (2023). Nurse practitioner scope of practice and access to primary care in North Carolina, The John William Pope Foundation. **\$115,000** Funded.
 5. Ghosh. S., Plemmons. A., and **Shakya, S.** (2023). NCSBN Center for Regulatory Excellence. **\$15,000** Not Funded.
 4. Poghosyan. L. et al. (2023), Eliminating Policy Restrictions to Improve Access to Care and Economic Stability in Racial and Ethnic Minority Communities, National Institutes of Health, Transformative Research to Address Health Disparities and Advance Health Equity (U01 Clinical Trial Optional). **\$4,400,000** Not Funded.
 3. Ghosh. S., Plemmons. A., and **Shakya, S.** (2023). Nurse Licensure Compacts and Public Health Emergencies. **\$150,000** Not Funded.
 2. **Shakya, S.** (2024). Understanding the role of immigrants in the US health sector: Employment trends from 2007-21. Center for the United States and Mexico, Rice University's Baker Institute for Public Policy. **\$3,500** Funded.
 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*. The Commonwealth Foundation, **\$15,000** Funded.

INTERNAL GRANTS

1. Sugg, M., Ulrich, S., Runkle, J., Tyson, J., and **Shakya, S.** (2024). Uncovering maternal healthcare deserts: A geospatial exploration of access disparities in the United States. University Research Council Grants, Appalachian State University. **\$4986** Funded.

AWARDS

Dean's Club Research Prize, Walker College of Business, Appalachian State University (Runner-up)	2024
Graduate Student-Authored Paper, The North American Regional Science Council (NARSC) Student Paper Competition Results (1st Runner-up)	2019
Jon Vilasuso Advanced Doctoral Student Award, West Virginia University	2019

DEPARTMENTAL SERVICES

WCOB Artificial Intelligence Working Group	Spring 2025
Dean's Club Research Prize, Walker College of Business	Spring 2025
First Year Scholarship Review	Fall 2024
Economics Faculty Search Committee	Spring 2024
Brashear Prize Selection Committee	Fall 2023/24, Spring 2024/25
WCOB Curriculum Committee	Fall 2024, Spring 2025

DISCIPLINARY SERVICES

Reviewer: Journal of Economic Behavior and Organization (2025), Journal of Regulatory Economics (2025), Journal of Institutional Economics (2025), Southern Economic Journal (2025), Contemporary Economic Policy (2025), Public Choice (2025), Journal of Regulatory Economics (2025), Southern Economic Journal (2024), Journal of Substance Use and Addiction Treatment (2024), Drug and Alcohol Review (2023), Energy Economics (2023), Pharmacoepidemiology and Drug Safety (2023), Small Business Economics (2023), Journal of Sports Economics (2023), Journal of Economic Geography (2023); Journal of Labor Research (2023); World Bank Economic Review (2022); Economic Modelling (2022); Drug and Alcohol Dependence (2022); Papers in Regional Science (2021); Journal of Regional Analysis and Policy (2021); Contemporary Economic Policy (2020); and PLOS One (2020).

Chief Data Editor: Journal of Comments and Replications in Economics 2022-2023

Board of Directors: Pennsylvania Economic Association 2022-2023

Technical Editor: Review of Regional Studies 2020-2022

Data Editor: Journal of Comments and Replications in Economics 2020-2022

MEDIA COVERAGE

The Carolina Journal. (2025, January 14). Central planning fails in health care. *The Carolina Journal*. Retrieved from [Link](#).

InForum. (2024, February 12). The right prescription for further improvement in North Dakota health care. *InForum*. Retrieved from [Link](#).

ABC-7. (2024, January 8). FGCU professor says public libraries lower crime. *ABC-7*. Retrieved from [Link](#).

News-Medical. (2024, January 8). Immigrant healthcare professionals: essential pillars of the U.S. health system. *News-Medical*. Retrieved from [Link](#).

WisPolitics. (2023, November 14). Wisconsin is right to reimagine nurse practitioners to address healthcare shortages. *WisPolitics*. Retrieved from [Link](#).

Frontier Institute. (2023, May 16). Reforms to increase Montanans access to healthcare are a welcome development, let's hope lawmakers agree. *Frontier Institute*. Retrieved from [Link](#).

Deseret News Editorial Board. (2023, May 16). Pharmacists and psychologists prescribing medication: A new law. *Deseret News*. Retrieved from [Link](#).

Missoulian Opinion, (2023, March 16). Montana can become a national leader by empowering pharmacists. *Missoulian*. Retrieved from [Link](#).

Modern Healthcare. (2023, March 2). Pharmacists know all about medications, so why can't they prescribe them?. *Modern Healthcare*. Retrieved from [Link](#).

INVITED RESEARCH PRESENTATION

27. Shakya, S., Ammons, J., and Geloso, V. (n.d.). The polyarchy paradigm: Unraveling corruption and fostering transparency, Stephenson Institute, Washington DC, November 2024.

26. **Shakya, S.**, Ammons, J., Mahmood T.I. (n.d.). How Do Revolutions Affect Development?, Stephenson Institute, Washington DC, November 2024.
25. **Ammons, J.**, **Shakya, S.**, & Callais, J. T. (n.d.). What do women get from a successful revolution? Journal of Institutional Economics (JOIE) Symposium Research Workshop, Washington DC, October 2024.
24. **Shakya, S.**, & Plemmons, A. (n.d.). Regional institutional quality and job creation among early startups in the United States. Menard Family Initiative Entrepreneurship Conference at University of Wisconsin-La Crosse, October 2024.
23. Regulation and health - Wins for everyday citizens (summaries of my works on various state policies). The Classical Liberals in the Carolinas, August 2024.
22. Advancing healthcare access: State policy innovations and evidence-based research (summaries of my works on various state policies). The Appalachian Institute to Advance Health Equity Science (ADVANCE), Ohio University, April 2024.
21. Basics of causal inference. Nepali Academics in America, March 2024.
20. Advanced causal inference. Andrew Young School of Policy Studies, Georgia State University, March 2024.
19. **Shakya, S.**, Bedi, J., & Plemmons, A. (n.d.). Healthcare workforce shortages and job autonomy: Nurse practitioners and entrepreneurship in the United States. SJSU Philosophy, Politics, and Economics Research Seminar, San Jose State University, March 2024.
18. **Shakya, S.**, & Roy, A. (n.d.). Access to mental health care services and suicide rates in the United States. Darla Moore School of Business, University of South Carolina, October 2023.
17. **Shakya, S.**, & Bretschneider Fries, C. (2024). The effect of substance use Certificate-of-Need laws on access to substance use disorder treatment facilities. *Southern Economic Journal*. Towson University, September 2023.
16. **Shakya, S.** (2024). Understanding the role of immigrants in the US health sector: Employment trends from 2007-21. Immigration Impacts on Healthcare, Institute for Humane Studies, September 2023.
15. **Shakya, S.**, & Roy, A. (n.d.). Access to mental health care services and suicide rates in the United States. Liberty over Lunch Seminar, Western Carolina University, September 2023.
14. **Shakya, S.**, & Plemmons, A. (n.d.). Scope of practice and opioid prescribing behavior of nurse practitioners serving Medicare beneficiaries. Towson University, September 2022.
13. **Shakya, S.** (n.d.). Impact of must-access PDMPs on prescription opioid overdose death rates. Investigation of Healthcare Regulation Workshop: The Institute for Humane Studies, July 2022.

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12. **Shakya, S.**, & Plemmons, A. (n.d.). Scope of practice and opioid prescribing behavior of nurse practitioners serving Medicare beneficiaries. The 36th Annual Conference of Pennsylvania Economic Association, June 2022.
 11. Economics of investment and personal finance. Economics of Personal Investing, Investment Club Shippensburg University, March 2022.
 10. Shah Mobariz, A., & **Shakya, S.** (2024). Cultural influences on gender gap in test scores: Findings from Afghanistan's university entrance examination. Dickinson College, March 2022.
 9. **Shakya, S.**, Basnet, S., & Paudel, J. (2022). Natural disasters and labor migration: Evidence from Nepal's earthquake. Institute for Integrated Development Studies (IIDS), March 2022.
 8. Labor market effects of the scope of practice policies. The Institute for Humane Studies and Arkansas Center for Research in Economics, January 2022.
 7. **Shakya, S.**, & Levinstein, M. (2024). Grading policy, email nudges, and grade outcomes. Pennsylvania's State System of Higher Education (PASSHE) Conference on Teaching and Learning, January 2022.
 6. **Shakya, S.**, & Plemmons, A. (n.d.). Scope of practice and opioid prescribing behavior of nurse practitioners serving Medicare beneficiaries. Gulati Institute of Finance and Taxation, November 2021.
 5. **Shakya, S.**, & Levinstein, M. (2024). Grading policy, email nudges, and grade outcomes. Center for Social Research, November 2021.
 4. **Shakya, S.**, Ghosh, S., & Norris, C. (2022). Nurse licensure compact and mobility. National Council of State Boards of Nursing (NCSBN), September 2021.
 3. **Shakya, S.**, & Plemmons, A. (2020). Does scope of practice affect mobility of nurse practitioners serving Medicare beneficiaries? The Arkansas Center for Research in Economics (ACRE), October 2020.
 2. Causal inference workshop. Economics Students' Society Nepal, September 2020.
 1. **Shakya, S.** (n.d.). Heterogeneous Treatment Effects of Medicaid and Efficient Policies. Icesi University, May 2020.

CONFERENCE PRESENTATIONS

Multiple papers presentation, discussants of multiple papers, and session chairs.

41. The Classical Liberals in the Carolinas, Greenville, SC	Aug 2024
40. Flourishing and the Future Conference, Boone, NC	Aug 2025
39. Association of Private Enterprise Education (APEE), Guatemala	Apr 2025
38. 2025 AIM-AHEAD Annual Meeting, Fort Worth, TX	Jul 2025
37. Bridge2AI All Hands Conference, Rockville, MD	May 2025
36. Public Choice Society Annual Meetings, Louisville, KY	Mar 2025

35. Southern Economic Association (SEA), Washington, DC	Nov 2024
34. Annual Global Symposium, Boone, NC	Nov 2024
33. 2024 Markets and Society Conference, Washington, DC	Oct 2024
32. Research and Creative Activity at Appalachian, Boone, NC	Sep 2024
31. The Classical Liberals in the Carolinas, Winston-Salem, NC	Aug 2024
30. Scope of Practice Conference, West Virginia University, Morgantown, WV 2024	July 2024
29. Advancing Health Equity in Rural Communities, Boone, NC	May 2024
28. Appalachian Experimental and Environmental Economics Workshop, Boone, NC	Apr 2024
27. The Association of Private Enterprise Education: APEE, Las Vegas, NV	Apr 2024
26. Southern Economic Association (SEA), New Orleans, LA	Nov 2023
25. Carolina Region Empirical Economics Day (CREED) Program, Columbia, SC	Oct 2023
24. 1st Certificate of Need Law Research Conference, Morgantown, WV	Jun 2023
23. Southern Economic Association (SEA), Fort Lauderdale, FL	Nov 2022
22. ASHEcon— American Society of Health Economist, Austin, TX	Jun 2022
21. The Association of Private Enterprise Education (APEE), Las Vegas, NV	Apr 2022
20. AEA Annual Meeting	Jan 2022
19. Southern Economic Association (SEA), Houston, TX	Nov 2021
18. ASHEcon— American Society of Health Economist, Virtual	Jun 2021
17. Western Economic Association International, Virtual	Jun 2021
16. The Southern Regional Science Association (SRSA), Virtual	Mar 2021
15. Knee Center Occupational Licensing Conference, West Virginia University, Virtual	May 2021
14. Southern Economic Association (SEA), Virtual	Nov 2020
13. The North American Regional Science Council (NARSC), Virtual	Nov 2020
12. Annual Knee Center Occupational Licensing Conference, Virtual	May 2020
11. Symposium on Data Science and Statistics, Virtual	Jun 2020
10. The Southern Regional Science Association (SRSA), Washington, DC	2019
9. The North American Regional Science Council (NARSC), Pittsburgh, PA	2019
8. Public Choice Society Annual Meetings, Louisville, KY	2019
7. Graduate Research Workshop - Institute for Humane Studies, Washington, DC	2019
6. YSI North America Convening, Los Angeles, CA	2019
5. The Southern Regional Science Association (SRSA), Philadelphia, PA	2018
4. The North American Regional Science Council (NARSC), San Antonio, TX	2018
3. Applied Economics and Regional Science (AERS), Columbus, OH	2018

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| 2. The Southern Regional Science Association (SRSA), Memphis TN | 2017 |
| 1. Applied Economics and Regional Science (AERS), Morgantown, WV | 2017 |

Last updated: Wednesday 16th July, 2025