

Department of Economics  
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## EDUCATION

Ph.D. in Economics, West Virginia University, United States,	2016-2020 (Expected)
M.A. in Economics, West Virginia University, United States,	2016-2019
M.A. in Economics, Tribhuvan University, Nepal	2010-2012
B.A. in Economics, Tribhuvan University, Nepal	2006-2009

## RESEARCH INTERESTS

Health Economics, Public/Regional Economics, Energy Economics, and Applied Machine Learning

## JOB MARKET PAPER

Heterogeneous Treatment Effects of Medicaid and Efficient Policies: Evidence from the Oregon Health Insurance Experiment. [Download.](#)

## EXPERIENCES

**Teaching Experiences**, West Virginia University, Instructor of Record  
Econ 225: Elementary Business and Economic Statistics Summer 2019, Fall 2020, and Spring 2020  
Econ 202: Principles of Macroeconomics Spring 2019  
**Other Teaching Related Experiences**, West Virginia University  
Econ 721: Mathematical Economics (TA, PhD Econ course, teaching 30% of course) Fall 2018  
BUDA 550: 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.

## REFEREED PAPER PUBLISHED

Scarcioffolo, A., **Shakya, S.** and Hall, J. (2020). “The Political Economy of Vermont’s Anti-Fracking Movement,” *Journal of Public Finance and Public Choice*.  
Hall, J. and **Shakya, S.** (2019). “Federal Regulations and U.S. Energy Sector Output,” *Oil, Gas, and Energy Quarterly*.  
**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.  
**Shakya, S.**, & Lama, N. (2014). “Possible Decision Rules to Allocate Quotas and Reservations to Ensure Equity for Nepalese Poor,” *Economic Journal of Development Issues*, 17(1), 149–162.

## UNDER REVIEW

“Dark Side of the Shale Boom–Increased Crime among Economically-small, Relatively Rural American States.”  
“Can Trade Networks Explain the Productivity-Compensation Gap?,” (with Dr. Plemmons)  
“Quantifying the Announcement Effects in the U.S. Lumber Market,” (with Ismailova, Etienne & Mattos)

## WORKING PAPERS

*Drafts available upon request.*  
“Scope of Practise and Mobility of Nurse Practitioners Serving Medicare Beneficiaries,” (with Dr. Plemmons).  
“County-level Assessment of Must-access PDMPs on Opioid Prescribing Rate.”  
“Impact of Must-access PDMPs on Prescription Opioid Overdose Death Rates.”  
“Regional Institutional Quality and Start-up Activities in the United States.”  
“Impact of Shale Revolution on Oil and Natural Gas Prices,” (with Bingxin Li & Xiaoli L. Etienne)  
“New Oil/Gas Wells, Crime, and Victimization Costs: County-level Analysis” (with Luyi Han)  
“The Political Economy of Vermont’s Abortion Bill,” (with Scarcioffolo, and Erfanian)

## AWARDS, FELLOWSHIP AND GRANTS

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-Present

Multiple travel and conference presentation grants from Institute for Humane Studies (IHS), Regional Research Institute (RRI), West Virginia University (WVU), and Young Scholars Initiative (YSI).

## CONFERENCE PRESENTATIONS

ASHEcon– American Society of Health Economists	June 2020
Symposium on Data Science and Statistics	June 2020
Center for Health Incentives and Behavioral Economics– The University of Pennsylvania	Mar 2020
Mathematica Policy Research, Washington, DC	Feb 2020
The Southern Regional Science Association (SRSA)	2019, 2018, 2017
The North American Regional Science Council (NARSC)	2019, 2018
Public Choice Society Annual Meetings	2019
YSI North America Convening	2019
Graduate Research Workshop - Institute for Humane Studies	2019
Applied Economics and Regional Science (AERS)	2018, 2017

## PROFESSIONAL SERVICES

**Reviewer:** Papers in Regional Science, Journal of Regional Analysis and Policy, Contemporary Economic Policy

**GEMPACK:** General Equilibrium Modelling Software tutorial developer, acknowledged by GEMPACK team members at Victoria University, Melbourne, Australia.

## AFFILIATIONS

Southern Regional Science Association (SRSA), Northern Regional Science Association (NARSC), Regional Science Association International (RSAI), American Economic Association (AEA)

## SKILLS

R, Markdown, Shiny, Python, SQL, GitHub, Eviews, L<sup>A</sup>T<sub>E</sub>X

## REFERENCES

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