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US Permanent Resident

ACADEMIC APPOINTMENTS AND AFFILIATIONS

- 2019– Assistant Professor of Economics, North Dakota State University
- 2021– Scholar, Sheila and Robert Challey Institute for Global Innovation and Growth, NDSU
- 2019– Fellow, Center for the Study of Public Choice and Private Enterprise, NDSU
- 2021– External Affiliate, Ostrom Workshop, Indiana University

EDUCATION

- 2019 Ph.D., Economics (distinction), University of New Mexico
- 2016 M.A., Economics, University of New Mexico
- 2014 B.A., Interdisciplinary Studies in Mathematics & Business Management, Bryn Athyn College
- 2013 A.A., Philosophy (distinction), Bryn Athyn College
- 2011 Additional coursework on Democratic Governance and Civic Engagement, University of Osnabrück, Germany

FIELDS OF INTEREST

Applied Microeconomics, Political Economy, Development Economics, Environmental Economics

PUBLICATIONS

Peer-Reviewed Publications (* indicates graduate student co-author)


20. Paniagua, P. & **Rayamajhee, V.** (2023). On the nature and structure of externalities. *Public Choice*, forthcoming.
19. **Rayamajhee, V.**, March, R., & *Clark, C. (2023). Shock me like a hurricane: How Hurricane Katrina changed Louisiana's formal and informal institutions. *Journal of Institutional Economics*, forthcoming.
18. Yonk, R., Bakula, R., March, R., & **Rayamajhee, V.** (2023). Max-U? Considering Humanomics in Public Policy. *Public Choice*, forthcoming.
17. Guo, W., **Rayamajhee, V.**, & Bohara, A.K. (2023). Impacts of climate change on food utilization in Nepal. *Review of Development Economics*, 27 (1), 630-659.
16. Murtazashvili, **Rayamajhee, V.**, Taylor, K. (2023). The tragedy of the nurdles: Governing global externalities. *Sustainability*, 15(9), 7031.
15. March, R., **Rayamajhee, V.**, & Furton, G. (2022). Cloudy with a chance of munchies: Assessing the impact of recreational marijuana legalization on obesity. *Health Economics*, 31 (12), 2609-2629.
14. **Rayamajhee, V.** & Paniagua, P. (2022). Coproduction and the crafting of cognitive institutions during the COVID-19 pandemic. *Journal of Institutional Economics*, 18(6), 961-967.
13. Paniagua, P. & **Rayamajhee, V.** (2022). A polycentric approach for pandemic governance: Nested externalities and co-production challenges. *Journal of Institutional Economics*, 18(4), 537-552.

12. **Rayamajhee, V.,** Storr, V.H., & Bohara, A.K. (2022). Social entrepreneurship, co-production and post-disaster recovery. *Disasters*, 46(1), 27-55. Top cited article of the year 2022
11. Shahid, M.A., **Rayamajhee, V.,** & Bohara, A.K. (2022). Does social capital help in post-disaster recovery? Evidence from the Gorkha earthquake of Nepal. *International Journal of Disaster Risk Reduction*, 82(1), 1-14.
10. **Rayamajhee, V.,** Guo, W., & Bohara, A.K. (2022). Perception of climate change and the demand for weather-Index microinsurance: Evidence from a contingent valuation survey in Nepal. *Climate and Development*, 14 (6), 557-570.
9. **Rayamajhee, V.,** & Paniagua, P. (2021). The Ostroms and the contestable nature of goods: Beyond taxonomies and towards institutional polycentricity. *Journal of Institutional Economics*, 17 (1), 71-89. Finalist for the 2022 Elinor Ostrom Prize (awarded to the best full-length article published in the Journal of Institutional Economics in the preceding year).
8. **Rayamajhee, V.,** Guo, W., & Bohara, A.K. (2021). The impact of climate change on rice production in Nepal. *Economics of Disasters and Climate Change*, 5(1), 111-134.
7. **Rayamajhee, V.,** & Bohara, A.K. (2021). Social capital, trust, and collective action in post-earthquake Nepal. *Natural Hazards*, 105, 1491-1519.
6. **Rayamajhee, V.,** Shrestha, S., & Paniagua, P. (2021). Governing nested externalities during a pandemic: Social distancing as a co-production problem. *Cosmos+Taxis*, 9(5+6), 64-80.
5. **Rayamajhee, V.,** Bohara, A.K., & Storr, V.H. (2020). Ex-post coping responses and post-disaster resilience: A case from the 2015 Nepal earthquake. *Economics of Disasters and Climate Change*, 4(3), 575 - 599.
4. van der Goes, D., Edwardson, N., **Rayamajhee, V.,** Hollis, C., & Hunter, D. (2019). An Iron Triangle ROI Model for Healthcare. *ClinicoEconomics and Outcomes Research*, 11, 335-348.
3. **Rayamajhee, V.,** & Bohara, A.K. (2019). Natural disaster damages and their link to coping strategy choices: Field survey findings from post-earthquake Nepal. *Journal of International Development*, 31(4), 336-343.
2. **Rayamajhee, V.,** & Bohara, A.K. (2019). Do voluntary associations reduce hunger? An empirical exploration of the social capital - food security nexus among food impoverished households in western Nepal. *Food Security*, 11(2), 405-415.
1. **Rayamajhee, V.,** & Joshi, A. (2018). Economic trade-offs between hydroelectricity production and environmental externalities: A case for local externality mitigation fund. *Renewable Energy*, 129, 237-244.

Book Chapters

1. **Rayamajhee, V.** (2020). On the dynamic nature of goods: Applications in post-disaster contexts. In P. Boettke, R. Herzberg, B. Kogelmann (Eds.), *Exploring The Political Economy and Social Philosophy of Vincent and Elinor Ostrom* (pp. 3-30), London: Rowman & Littlefield.

Policy Reports


1. **Rayamajhee, V.,** Murtazashvili, J., and Upadhyaya, A. (2022). The State of Federalism in Nepal: An assessment. Center for International Private Enterprise. [LINK](#) 

Working Papers (selected)

“Natural disasters and the social behavior of immigrants” (with J Paudel) *R & R, Journal of Comparative Economics*

“Mapping externalities on to governance institutions” (with P Paniagua) *Under Review*

“Recreational marijuana legalization’s impact on opioid overdose deaths” (with EK Denkyirah, R March, G Furton, R Yonk) *Under Review*

“Governing the Global Fisheries Commons,” (with P Paniagua) *Available as Future Fisheries Working Paper, Mercatus Center at George Mason University, Arlington, VA, 2023. LINK  Under Review*

“Governing externalities with consent” (with J Mamkhezri) *Working Paper Available*

“Natural disasters and gender norms” (with M Shawon and R March) *Working Paper Available*

“Public choice and externalities: Taking stock and looking ahead” (with I Murtazashvili and P Paniagua) *Working Paper Available*

Research briefs and other articles (selected)

“The Impact of Hurricane Katrina on Louisiana’s Institutions,” (with Raymond March) Robert and Sheila Challey Institute for Global Innovation and Growth at North Dakota State University, 2023. [LINK !\[\]\(5361750c22c4e047a52f4eac1ec2d4cc_img.jpg\)](#)

“Is Centralization Needed to End the Pandemic?,” Polycentricity Network, 2021. [LINK !\[\]\(870f5d5e9c0d57485634be3ecf52f3ca_img.jpg\)](#)

“Elinor Ostrom and the Contestable Nature of Goods,” (with Pablo Paniagua) Center for the Study of Governance and Society at King’s College London, 2020. [LINK !\[\]\(4fe57c3593bf1b21d272ae7ac8dfaf77_img.jpg\)](#)

“The limits and perils of the dichotomous private-public taxonomy,” (with Pablo Paniagua) JoIE Blog: The official blog of the Journal of Institutional Economics, 2020. [LINK !\[\]\(0d5ec72f61334709c3fc9450209b754f_img.jpg\)](#)

“The Logic of Collective Climate Action,” Center for the Study of Public Choice and Private Enterprise, 2019. [LINK !\[\]\(b792654f2cef9719eabeb6c5be00811e_img.jpg\)](#) [LINK !\[\]\(7da9a585536d56657fa124d7eaae44e7_img.jpg\)](#)

TEACHING

Department of Agribusiness and Applied Economics, NDSU

Undergraduate (* denotes scheduled)

Public Economics (Fall 2022)

Market Values (Spring 2023, Spring 2024)

Principles of Macroeconomics (F19; SP20; F20, SP21, F21, SP22, F23)

Intermediate Microeconomics (Spring 2020)

Graduate

New Institutional Economics (Fall 2020, Fall 2021, Fall 2022)

Research Philosophy (Fall 2022, Fall 2023)

Doctoral Advisement (^ψ denotes dissertation chair)

Omar Alkhateeb ^ψ (Ph.D., Natural Resource Management; 2022-current)

Yasin Yildirim (Ph.D., Applied Economics; 2023-current)

Masters Advisement(^Ω denotes major advisor)

Zach Johnson (M.S., Agribusiness and Applied Economics; 2023-current)

Shakya Ghosh ^Ω (M.S., Agribusiness and Applied Economics; 2022-current)

Mehadi Shawon ^Ω (M.S., Agribusiness and Applied Economics; 2022-current)

Richard Feir (M.S., Agribusiness and Applied Economics; 2022-current)

Munkaila Lambongang (M.S., Agribusiness and Applied Economics; 2022)

Dorcas Tseklu (M.S., Agribusiness and Applied Economics; 2021-2022)

Mary Mena Boateng (M.S., Agribusiness and Applied Economics; 2021-2022)

Corbin Clark ^Ω (M.S., Agribusiness and Applied Economics; 2020-2022)

Soumaila Mounkaila Siddo (M.S., Natural Resource Management; 2020-2021)

Elisha Denkyirah (M.S., Agribusiness and Applied Economics; 2020-2021)

Mancur Olson Scholars Reading Groups (led semester-long reading groups)

“Society vs. the Environment?” (Fall 2020)

“Why (Some) Nations Fail” (Fall 2021)

“How We Got Rich” (Spring 2023)

“Technology, Economy, and Freedom” (Spring 2024)

FELLOWSHIPS, GRANTS, AND AWARDS

Research Funding

2023 “Natural Disasters and the Divergence of Gender Norms,” Sheila and Robert Challey Institute for Global Innovation and Growth, PI, Amount: \$10278.

2021-22 “Supporting Nepal’s Transition toward a Market Oriented Federal Democracy,” Center for International Private Enterprise [PI: Jennifer Murtazashvili; my role: Investigator], Amount: \$83000 (NDSU portion: \$30000).

2022 “Exploring Complementarities between Coase and the Ostroms on Externalities,” Sheila and Robert Challey Institute for Global Innovation and Growth, PI, Amount: \$9978.

2021 “Nested externalities in a pandemic: A polycentric approach,” Sheila and Robert Challey Institute for Global Innovation and Growth, PI, Amount: \$9440.

2019 “Polycentric climate governance: Understanding inter-institutional efforts for effective climate adaptation in North Dakota,” NDSU EPSCoR Undergraduate Research Award (Internal Funding), PI, Amount: \$5000: 10/01/2019-05/31/2020.

Pending Grant Proposals

2024-28 National Institute of Food and Agriculture AFRI Competitive Grants Program, “PARTNERSHIP: U.S. Soybean and Corn Supply Chain Resilience: Impacts of Extreme Droughts on Production, Shipping, Trade, and Global Food Security,” [with Siew Hoon Lim - PI, Raghav Goyal (LSU), Lynn Kennedy (LSU), Zhulu Lin, and Sandro Steinbach], My role: Co-Principal Investigator, Amount: USD 800,000.

Other Grants (selected)

2018-19 Research Support Grant, Center for Growth and Opportunity, Utah State University

2018 Hayek Fund for Scholars, Institute for Humane Studies (×3)

2011 German: Deutscher Akademischer Austausch Dienst (DAAD) University Summer Course Grant to attend University of Osnabrück, Germany

Fellowships

- 2017-19 Adam Smith Fellowship, Mercatus Center, George Mason University (×2)
2018-19 Humane Studies Fellowship, Institute for Humane Studies, George Mason University

Awards/Honors (selected)

- 2023 Reviewer of the Year Prize, *Journal of Institutional Economics*
2023 Nominee, Peltier Award for Teaching Innovation, North Dakota State University
2022 Finalist, Elinor Ostrom Prize, World Interdisciplinary Network for Institutional Research (WINIR)
2022 Nominee, Larson/Yaggie Excellence in Research Award, North Dakota State University
2021 Young Scholars Program, Association of Private Enterprise Education
2018 Don Lavoie Memorial Graduate Student Essay Award, Society for the Development of Austrian Economics
2018-19 Alfred L. Parker PhD Endowed Scholarship in Economics, Department of Economics, UNM
2017-18 J. Raymond Stuart Award in Economics, Department of Economics, UNM
2013-14 Son of the Academy Award for “the highest level of scholarship, contribution to the intellectual life, and affirmation of the college’s distinctive purpose”, BAC
2014 Received an invitation to be considered for the valedictorian selection ballot, BAC
2013-14 The Nobre Scholarship in Mathematics and Computer Science, BAC
2013 Finalist, Cumberland Valley Math Modeling Challenge (CVMMC), Shippensburg University
2010-14 Presidential Award for Excellence: full ride scholarship, BAC

SELECTED PRESENTATIONS, INVITED TALKS, AND WORKSHOPS

- 2023 University of Pittsburgh (Pittsburgh, PA); Center for International Private Enterprise (CIPE); AIER Humanomics Conference (Birmingham, AL); Institute for Humane Studies (08/09); Markets & Society (Falls Church, Virginia); Mercatus Center, George Mason University (Fairfax, VA).
2022 Ostrom Workshop, Indiana University; Association of Private Enterprise Education (Las Vegas, Nevada); Public Choice Society (Nashville, Tennessee); Center for International Private Enterprise (CIPE); World Interdisciplinary Network for Institutional Research-WINIR; Markets & Society (Falls Church, Virginia); Southern Economic Association (Fort Lauderdale, Florida).
2021 Southern Economic Association (Houston, Texas); Polycentricity Network Webinar Series; Association of Private Enterprise Education (Fort Lauderdale, Florida);
2020 New Mexico State University (virtual); Ganesh Man Singh Adhyayan Pratisthan (Nepal-virtual); Public Choice Society *, Association of Private Enterprise Education*, NDSU* (* denotes canceled due to COVID-19).
2018 Southern Economic Association (Washington DC); Himalayan Policy Research Conference (Wisconsin, Madison); Institute for Humane Studies/Pacific Research Institute (Vancouver, Canada); IHS-Liberty Fund (Arlington, Virginia); Mercatus Center at George Mason University; Sustainability and Development Conference, University of Michigan (Ann Arbor, Michigan); Santa Fe Institute (Santa Fe, New Mexico).

SERVICE

Editorial Activities

2022-24 Guest co-editor, *Public Choice*

2022-23 Guest co-editor, *Sustainability*

Reviewer for Academic Journals

Public Choice [2021(1), 2023(2)]; *Journal of Institutional Economics* [2021(1), 2022(1), 2023(3)]; *Journal of Regional Analysis & Policy* [2023(1)]; *International Journal of Disaster Risk Reduction* [2023(1)]; *Climate and Development* [2022(1), 2023(1)]; *Journal of Economic Behavior and Organization* [2021(1), 2022(1)]; *Computational Economics* [2022(1)]; *Risk Management and Insurance Review* [2022(1)]; *Economics of Disasters and Climate Change* [2022(1)]; *Annals of Public and Cooperative Economics* [2022(1)]; *Frontiers in Environmental Science* [2022(1)]; *Natural Hazards Review* [2020(1), 2022(1)]; *State and Local Government Review* [2021(1)]; *Natural Hazards* [2021(1)]; *Cosmos+Taxis* [2021(2)]; *Journal of International Development* [2020(1)]; *International Food and Agribusiness Management Review* [2020(1)]; *Foods* [2020(1)]; *International Journal of Environmental Research and Public Health* [2020(1)]; *Energies* [2020(1); 2021(1)]; *Journal of Entrepreneurship and Public Policy* [2019(1)]; *Sustainability* [2019(1), 2020(1)]; *Studies in Comparative International Development* [2019(1)]; *Food Security* [2019(1), 2020(1)]; *Center for Growth and Opportunity Working Paper Series* [2019(1)]

Grant Reviewer

Sapienza Università di Roma (Italy), 2022

Departmental/University/Professional Service

Judge, Best Book Prize/ Best Article Prize/ Horwitz Award for Public Scholarship, Society for the Development of Austrian Economics, 2022

Assessment Committee, NDSU Department of Agribusiness and Applied Economics (DAAE), 2023-Undergraduate Program Committee, NDSU DAAE, 2021-2023

Communications Coordinator Search Committee, NDSU Challey Institute, 2022-2023

Faculty Search Committee (Rank: Assistant Professor), NDSU DAAE, 2020-2021

Scholarship Committee, NDSU DAAE, 2019-2021

Faculty Advisor, NDSU Nepalese Students Association - Chautaree, 2020-

AFFILIATIONS

2018- American Economic Association

2018-19 Southern Economic Association

2021- Public Choice Society

2020- Himalayan Applied Economics and Policy Association

2021- Association of Private Enterprise Education

2022- World Interdisciplinary Network for Institutional Research

Updated: December, 2023