

# Veeshan Rayamajhee

Curriculum Vitae

05/2020

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## Education and Employment

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### Current Positions and Affiliations

#### North Dakota State University, Fargo, ND

Assistant Professor, Department of Agribusiness and Applied Economics

Fall 2019 -

Faculty Fellow, Center for the Study of Public Choice and Private Enterprise

Fall 2019 -

### Education

<b>Ph.D.</b>	Economics ( <i>Defended with Distinction</i> ), University of New Mexico, NM	2019
<b>M.A.</b>	Economics, University of New Mexico, NM	2016
<b>B.A.</b>	Interdisciplinary Studies in Mathematics and Business Management ( <i>Cum Laude</i> ) Bryn Athyn College, PA	2014
<b>A.A.</b>	Philosophy ( <i>Distinction</i> ), Bryn Athyn College, PA	2013

## Publications

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### Articles in refereed journals

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. **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.
3. 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.
2. **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.
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.

### Chapters in Edited Volumes

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

### Working Papers

1. "Social entrepreneurship, coproduction and post-disaster recovery." (with VH Storr and AK Bohara) *Revision Requested*
2. "Social capital, trust, and collective action in post-earthquake Nepal." (with AK Bohara) *Under review*
3. "The Ostroms and the contestable nature of goods: Beyond taxonomies and towards institutional polycentricity." (with Pablo Paniagua Prieto) *Under Review*

4. "Climate Change Impacts on Rice Production in Nepal: A Spatial Filtering- Technical Inefficiency Approach" (with W Guo and AK Bohara) *Submitted*
5. "Perception of Climate Change and the Demand for Weather Index Microinsurance" (with W Guo and AK Bohara) *In Submission Stage*
6. "Social Distancing as Co-production." (with S. Shrestha)
7. "Governing externality with consent: Ostrom meets Buchanan." (with J Mamkhezri)

#### **Manuscripts in Preparation (selected)**

1. "Geographic variations in climate adaptation: From the foothills of the Himalayas to the Bay of Bengal." (with Sakib Mahmud)
2. "Ex-ante perception of climate change impact and the choice of mitigation strategies." (with N Khatiwada and AK Bohara) *Working Paper Available*
3. "Coping collectively: A test for consumption insurance hypothesis." (Data analysis completed; with Mohammad Ali)
4. "Disaster shocks, risk perception, and willingness-to-pay for weather-indexed micro-insurance: a pre-post analysis ." (Data analysis in progress)

#### **Fellowships, Awards, and Grants**

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##### **Research Funding**

ND EPSCoR. "Polycentric climate governance: Understanding inter-institutional efforts for effective climate adaptation in North Dakota," PI, \$5000: 10/01/2019-05/31/2020.

##### **Fellowships**

Adam Smith Fellowship, Mercatus Center, George Mason University (×2)	2017-18, 2018-19
Humane Studies Fellowship, Institute for Humane Studies	2018-19

##### **Other Grants**

Research Support Grant, Center for Growth and Opportunity, Utah State University	2018-19
Hayek Fund for Scholars, Institute for Humane Studies (×3)	2018
Mercatus Center Travel Fund	2018
Dissertation and Travel Grant, Charles Koch Foundation	2018
Professional Development Grant, GPSA, UNM (×3)	2017, 2018 (2)
Doctoral Conference Presentation Award, Office of Graduate Studies, UNM	2018
Rogers Research Award, OGS, UNM	2017-18
Student Research Grant, GPSA, UNM (×3)	2017, 2018 (2)
Graduate Research Supplement Award, Office of Graduate Studies, UNM	2016-17
Economics Graduate Students Organization Award, UNM (×2)	2016-17, 18
German: Deutscher Akademischer Austausch Dienst (DAAD) University Summer Course Grant to attend University of Osnabrück, Germany	2011

##### **Awards/Honors**

Don Lavoie Memorial Graduate Student Essay Award, Society for the Development of Austrian Economics	2018
Alfred L. Parker PhD Endowed Scholarship in Economics, Department of Economics, UNM	2018-19
J. Raymond Stuart Award in Economics, Department of Economics, UNM	2017-18
Son of the Academy (Academic Award for "the highest level of scholarship, contribution to the intellectual life, and affirmation of the college's distinctive purpose"), BAC	2013-14
Received an invitation to be considered for the valedictorian selection ballot, BAC	2014

The Nobre Scholarship in Mathematics and Computer Science, BAC	2013/14
Finalist, Cumberland Valley Math Modeling Challenge (CVMMC), Shippensburg University	2013
Service Trip Award, BAC	2012
Dean's List (9 consecutive terms), BAC	2010-2013
Presidential Award for Excellence: full ride (tuition, room, and board) scholarship, BAC	2010-2014

## Experience

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### Research Assistant:

Dr. Richard Santos, Department of Economics and BA-MD program, UNM (2016-2019); Robert Wood Johnson Foundation (RWJF) Center for Health Policy, UNM (2016-2017); Dr. David van der Goes, Department of Economics, UNM (2015-2016); Dr. Eugene Potapov, Biology Department, BAC (Winter 2012/13)

### Field Research:

"Determinants of Household Resilience Against Natural Disaster Shocks: Pre-post and Ex-post Analyses of the Impacts of the 2015 earthquake in Nepal", Student Investigator and Field Researcher/Supervisor in Sindhupalchowk, Nepal, 2017

### Other Research Project Involvements:

"Resilience of Coupled Natural and Human (CNH) Systems Under Climate Change and Hydropower Development along the Gandaki River, Nepal", Student Investigator, 2015

### Teaching:

#### Department of Agribusiness and Applied Economics, NDSU

##### Undergraduate

Introductory Macroeconomics (Fall 2019; Spring 2020)

Intermediate Microeconomics (Spring 2020)

##### Graduate

New Institutional Economics (Fall 2020 *scheduled*)

#### Department of Economics, UNM

Co-instructor/Co-supervisor (with Dr. Richard Santos): Independent Study Course on Applications in Health Economics (Fall 2018)

Teaching Assistant: Intermediate Microeconomics (Spring-2015, Spring-2018); Health Economics, Politics, and Policy (Fall 2016); Labor Economics (Spring 2015); Ecological Economics (Fall 2014); Health Economics (Fall 2014)

Graduate Student Mentor: Science, Awareness, and Public Policy: Danda River Ecological Monitoring Program (Fall 2016 )

#### Mathematics Department/ACE Tutoring Program, BAC

Math-Lab coordinator and Mathematics Tutor 2013-2014

## Selected Presentations

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"Social Capital, Trust, and Collective Action in Post-earthquake Nepal," paper presented at:

- Session on "Don Lavoie Memorial Graduate Paper Competition," 88th SEA Meetings, Nov 19, 2018, Washington DC.
- Session on "Political Processes," 88th SEA Meetings, Nov 20, 2018, Washington DC.

"Natural Disasters, Ex-post Coping strategies, and Post-disaster Resilience: Evidence from the 2015 earthquake in Nepal," paper presented at:

- 13th Annual Himalayan Policy Research Conference as part of the 47th Annual Conference on South Asian Conference, October 11-14, 2018, Wisconsin, Madison.
- Sustainability and Development Conference, November 9-11, 2018, University of Michigan-Ann Arbor, Michigan.

“Natural Disaster, Resilience and Social Capital,” guest lecture delivered at the Problem-based Learning Workshop organized by Nepal Study Center’s Sustainable Development Action Lab (SDAL), Sept. 28, 2017, University of New Mexico, Albuquerque, New Mexico.

## Service/Activities and Memberships

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### Membership in Professional Organizations

American Economic Association	2018-
Western Economic Association International	2018-
Southern Economic Association	2018-
Omricon Delta Epsilon Economics Honor Society	2018-

### Reviewer for Journals/WP series:

*Natural Hazards Review*, 2020[1]

*Energies*, 2020[1]

*International Journal of Environmental Research and Public Health*, 2020[1]

*Sustainability*, 2019[1]; 2020[1]

*Journal of Entrepreneurship and Public Policy*, 2019[1]

*Food Security*, 2019[1]

*Studies in Comparative International Development*, 2019[1]

*Center for Growth and Opportunity Working Paper Series*, 2019[1]

### NDSU:

#### Departmental Service

Scholarship Committee	2019-2021
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#### Outreach

Faculty Advisor, Nepalese Students Association - Chautaree	2020-
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### UNM:

Treasurer, Economics Graduate Student Organization (EGSO)	2016-2017
Grant reader, Graduate and Professional Students Association (GPSA)	Fall 2016
General Secretary, Nepalese Students Association	2015-2016
Member, UNM4Nepal	Fall 2015
Volunteer, Graduate and Professional Students Association (GPSA)	Fall 2014

### BAC:

International Student Organization, Peer Mentor Program, Peer Advisory Council, Bryn Athyn College soccer team among other campus organizations.

## Miscellaneous

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Languages: English, Hindi, Nepali (native)

Softwares: Stata, C++, L<sup>A</sup>T<sub>E</sub>X; Working Knowledge: Matlab, R, GIS.

## References

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Available upon request