

## Niraj Khatiwada, Ph.D.

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Citizenship: Nepalese

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### Work Experience

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#### Visiting Assistant Professor of Economics

Department of Economics, Texas A&M University, Texas

2024-

#### Visiting Assistant Professor of Economics

Department of Economics, Siena College, New York

2022-2024

#### Ph.D. Research Fellow

Atmospheric Initiative (*under Livelihoods Theme*), International Center for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal

2019-2021

#### Instructor and Graduate Assistant

Department of Economics, The University of New Mexico (UNM), New Mexico

2016-2022

### Education

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#### Ph.D. Economics (*with Distinction*)

The University of New Mexico, New Mexico

August 2022

#### M.A. Economics

The University of New Mexico, New Mexico

December 2017

#### B.A. Advanced Interdisciplinary Studies in Mathematics and Business Management

with a minor in Philosophy (*Cum laude*), Bryn Athyn College (BAC), Pennsylvania

May 2016

### Fields of Interest

Environmental Economics, Development Economics, Applied Microeconomics, Labor Economics

### Publication

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#### Peer Reviewed Publications

1. Rahman, M. M., **Khatiwada, N.**, & Bohara, A. K. (2025). Does Exposure Enhance Interest? An Analysis of Composting Exposure on Interest in Household Waste Management. *Waste Management*. 196 (1).

2. Joshi, A., **Khatiwada, N.**, Rahman, M. M., & Bohara, A. K. (2024). Determinants of Smokeless Tobacco Prevalence in a Developing Country: A Trivariate Ordered Probit Approach. *Advances and Applications in Statistics*. 91 (10).

3. Kunwar, S. B., **Khatiwada, N.**, Rahman, M. M., Liu, M., Thapa, S., Bohara, A. K., & Wang, J. (2023). Reimagining Teaching Water Issues through Integrative Experiential Learning. *Applied Economics Teaching Resources*. 5 (3).

4. Rahman, M. M., Kunwar, S. B., **Khatiwada, N.**, Liu, M., Bohara, A. K., & Wang, J. (2023). Water Economics: Why We Need and Ought to Teach Water Economics in the Modern Economics Curriculum. *Applied Economics Teaching Resources*. 5 (3).

5. **Khatiwada, N.**, Bohara, A. K., & Kunwar, S. B. (2023). Household Preferences for Time and Monetary Contributions for River Restoration: A Study from the Danda River Basin in Nepal. *Water Resources and Economics*. 43.

### Papers Under Review

1. **Khatiwada, N.**, & Bohara, A. K. “Public Preference for Air Quality Improvement: Are More Exposed More Likely to Pay?” [*Revise and Resubmit: Journal of Environmental Economics and Policy*]

2. **Khatiwada, N.**, & Bohara, A. K. “Air Pollution Exposure, Exposure Avoidance, and Differential Exposure and Health Among Socioeconomic Subgroups” [*Revise and Resubmit: Environment and Development Economics*]

3. Tajalli, T., **Khatiwada, N.**, & Bohara, A. K. “Estimating Willingness to Pay for Improved Air Quality in Schools” [*Under Review: Environment, Development and Sustainability*]

### Courses Taught

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#### Instructor (Texas A&M University)

Econ 436: Environmental Economics

Spring 2025

Econ 410: Macroeconomic Theory

Fall 2024

Ecmt 463: Introduction to Econometrics

Fall 2024 & Spring 2025

#### Instructor (Siena College)

Econ 328: Labor Economics

Fall 2023

Econ 102: Principles of Macroeconomics

Spring 2023 & 24

Econ 240: Environmental Economics

Spring 2023 & 24

Econ 101: Principles of Microeconomics

Fall 2022 & 23

Econ 360: Development Economics

Fall 2022

#### Advisor: Independent Studies and Honors Thesis (Siena College)

Christian Gray (Independent study)

Spring 2023

*The economic impacts of herbicides released during the Vietnam War*

Meghan Johnsson (Honors thesis)

Fall 2023-Spring 2024

*Veganism and future sustainability: Environmental and economic consideration*

#### Instructor (UNM)

Econ 2120: Microeconomic Principles

Fall 2019 & Spring 2022

#### Teaching Assistant (UNM)

**Econ 309:** Introduction to Statistics and Econometrics (*Fall 2021*), **Econ 303:** Intermediate Macroeconomics (*Fall 2021*), **Econ 408\*:** Time Series Analysis (*Spring 2019*), **Econ 510:** Graduate Level Econometrics–II (*Fall 2018*),

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\* represents: also assisted the professor in designing the courses.

**Econ 369\***: Problem-based Learning Using Data Analytics (*Fall 2017 & 2018*), **Econ 582**: Topics in International and Sustainable Development (*Spring 2018*), **Econ 409\***: Intermediate Econometrics (*Spring 2017*)

## Fellowship, Grants, and Awards

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### Fellowship

Ph.D. Fellowship, Atmospheric Initiative (*under Livelihoods Theme*), ICIMOD 2019-2021

### Research and Academic Grants

“IRES: STREAM for Community Resilience and Wellbeing” 2024

Grant Requested from National Science Foundation

International Research Experiences for Students (NSF IRES) Program  
(*Co-PI*; \$375,939)

Primary household survey of 610 households on “Estimating Public Preferences for Solid Waste Management and Understanding Health Impacts of Air Pollution,” 2019  
Funded by SANDEE (*Investigator*; \$7000)

“Air Quality Monitoring through Citizen Science in Province 5 of Nepal,” Funded by the 2019  
Ministry of Social Development, Province 5, Nepal (*Investigator*; ~\$4500)

Study Abroad Allocation Committee (SAAC) Grant, UNM (*Proposal Contributor*; \$12,000) 2018

### Academic Awards and Honors

Economic Graduate Students Organization Award, UNM 2019

Invitation to be considered for the valedictorian selection ballot, BAC 2016

Successful Participation in the 96-Hour International Mathematical Contest in Modeling Consortium for Mathematics and Its Application (COMAP), MA 2015

Meritorious Award (2<sup>nd</sup> prize) in 24-Hour Cumberland Valley Math Modeling Challenge (CVMCM), Shippensburg University (SU), PA (*Two consecutive years*) 2014-2015

The Nobre Award for excellence in Mathematics and Computer Science, BAC (*Two consecutive years*) 2014-2015

## Selected Conference Presentations

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93<sup>rd</sup> Annual Meeting of the Southern Economic Association (SEA), LA 2023

92<sup>nd</sup> Annual Meeting of the Southern Economic Association (SEA), FL 2022

17<sup>th</sup> Annual Himalayan Policy Research Consortium (HPRC), NSC [*Session chair*] 2022

Society for Benefit-Cost Analysis (SBCA) Annual Conference 2021

16<sup>th</sup> Annual Himalayan Policy Research Consortium (HPRC), NSC 2021

## Professional Memberships

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American Economic Association (AEA); Association of Environmental and Resource Economists (AERE); The Southern Economic Association (SEA); South Asian Network for Development and Environmental Economics (SANDEE); Himalayan Policy Research Consortium (HPRC)

## Professional Services

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Association of Environmental and Resource Economists (AERE); Himalayan Policy Research Consortium (HPRC)

## Miscellaneous

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### Software

Experience with various computer software: STATA, ArcGIS, R, RATS

### Languages

Nepali (*Native*), English (*Fluent*), and Hindi (*Conversational proficiency*)

## References

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### **Dr. Alok K. Bohara (Dissertation Chair)**

Professor of Economics and Director of Nepal Study Center  
The University of New Mexico  
Email: [bohara@unm.edu](mailto:bohara@unm.edu)

### **Dr. Xiaoxue Li**

Associate Professor of Economics  
The University of New Mexico  
Email: [lix@unm.edu](mailto:lix@unm.edu)

### **Dr. Andrew Goodkind**

Associate Professor of Economics  
The University of New Mexico  
Email: [agoodkind@unm.edu](mailto:agoodkind@unm.edu)

### **Teaching Reference**

### **Dr. Ashley Provencher**

Associate Professor and Department Chair  
Economics Department, Siena College  
[aprovencher@siena.edu](mailto:aprovencher@siena.edu)