

## **ALOK K. BOHARA**

**Professor Emeritus, Department of Economics**

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**May 6, 2025**

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### **CURRENT POSITIONS**

- Professor Emeritus, Department of Economics, University of New Mexico (UNM) (July 1, 2025 - )
- Professor, Department of Economics, University of New Mexico (UNM). (August, 1987 – June 30, 2025)
- Sr. Research Fellow, the *Robert Wood Johnson Foundation (RWJF) Center for Health Policy* at the University of New Mexico. (2010 - Present)
- Sr. Research Associate, *Center for Economic Research*, University of Rochester. (1999 - Present)
- Affiliate Faculty, *Feminist Research Institute*, University of New Mexico. (2016 – Present)
- Founding Director, *Nepal Study Center*, University of New Mexico. (2005 - Present)  
<http://nepalstudycenter.unm.edu/index.htm>

### **EDUCATION**

- Ph.D., Economics, University of Colorado, Boulder *Time Series Models and Structural Econometric Model Specification*; Advisor Professor Robert F. McNown, (August 1986)
- M.A., Economics, University of Colorado, Boulder, Econometrics and Math. Economics, (August 1985)
- M. Sc., Statistics and Econometrics, Tribhuvan University, Kirtipur, Kathmandu, Nepal, (January 1979)
- B.S., Statistics, Mathematics, and Economics, Trichandra College, Kathmandu, Nepal, (July 1976)

### **EMPLOYMENT HISTORY**

- Graduate Director, Department of Economics, UNM. (January 2017 – August 2018)
- Professor, Department of Economics, UNM. (July 1999- Present)
- Associate Professor, Department of Economics, UNM. (June 1993 - July 1999)
- Assistant Professor, Department of Economics, UNM. (August 1987 - June 1993)
- Visiting Faculty, Department of Economics, University of Colorado (CU), Boulder. (Fall 1986 - 1987)
- Research Associate, Adjunct, Center for Economic Analysis, CU, Boulder. (Fall 1986 - Spring 1987)
- Graduate Instructor, Department of Economics, CU, Boulder. (Fall 1984 - Summer 1986)
- Lecturer, Department of Statistics (Statistics Instruction Committee), Tribhuvan University, Kirtipur, Kathmandu, Nepal. (August 197- July 1982)

### **OTHER EMPLOYMENT HISTORY**

- Research Assistant, *International Economic Studies Center*, University of Colorado, Boulder. (Fall 1982 - Spring 1984)
- Teaching Assistant, *Department of Economics*, University of Colorado, Boulder. (Spring 1984)
- Researcher, *Public Utilities Commission*, Dept. of Regulatory Agencies, Denver, Colorado (July 1985 - July 1986)
- Research Assistant, *Time Series Forecasting*, Boulder, Colorado. (Summer 1984)
- Summer Intern, *Institute of International Education (IIE)*, State Planning and Budgeting, Denver, Colorado. (Summer 1983)
- Statistician and Research Officer, *Development Research and Communications Group (DRCG)*, Lazimpat, Kathmandu, Nepal. (1981)

## HONORS AND RECOGNITIONS

### Employment-related and/or Professional Recognition and Awards

- 2023 UNM Globally-Engaged Research Award (University-wide) (2023)
- *STAR Fellow on STAR Scholars Network* (2019)
- *10<sup>th</sup> Annual Faculty of Color Award*, University of New Mexico. (2016)
- *Faculty Mentor Award*, Office of Graduate Studies, UNM. (May 2013)
- *The Robert Wood Johnson Center for Health Policy Mentoring Award*. (May 2013)
- Recognized with an award by the Non-Resident Nepali Association (NRNA) at its Houston Regional Conference in 2010 for *outstanding contribution to Nepal in areas of educational endeavor and public policy debates and deliberations*. (2010)
- Received 4 *Certificates of Appreciation* from ROP, UNM for mentoring minority students during the summers. (1995, 1998, 1999/2000)

### Student Medals, Awards, & Fellowships

- *Distinction*, Ph.D. comprehensive examination, University of Colorado, Boulder. (February 1985)
- *Graduate Student Teaching Award Nominee*, Econ. Department, U. of Colorado, Boulder. (Feb. 1985)
- *Summer Internship*, University of Colorado, Institute of International Education (IIE), Worked at the Office of Budget and Revenue Department, State Capitol, Denver. (1983)
- Recipient of *Meritorious Student Fellowships*, twice during the graduate studies, Department of Statistics, Tribhuvan University, Kathmandu, Nepal. (1976 & 1979)
- Recipient of *Meritorious Gold Medal (Mahendra Bidya Bhushan)*, first in the class of 1979 Statistics Department, Master's examination, Tribhuvan University, Kirtipur, Kathmandu, Nepal. (1979)
- Recipient of *Meritorious Medal (Chancellor Padak (Medal))*, first in the class of 1979 (university-wide across all disciplines throughout the country), Tribhuvan University, Kirtipur, Kathmandu, Nepal. (1979)

## ACADEMIC CAREER AT A GLANCE

**Research & Mentoring:** About 150 papers • 40 PhD supervision (chair or co-chair) • Close to 100 graduate and undergraduate mentoring, research requirement paper supervision, PhD and MA committee membership, theses • 3 mentoring and global research faculty awards • Himalayan Study Abroad Program • Grants: NSF, NIH, American Cancer Society, Forest Services (co-PIs and PIs) • About a dozen doctoral field research studies in Nepal. **Global Outreach & Knowledge Platforms:** [Nepal Study Center](#) (est. 2005, UNM) • [Himalayan Policy Research Consortium](#) (conferences, workshops since 2005) • Facilitated two global networking MOUs for UNM. **Service:** Several curricular designs and departmental governance • AEA Summer Minority Program (four years at UNM) • UNM Senate and Academic Freedom and Tenure • Hiring of faculty and deans. **Policy Debate:** Policy papers on federalism, regional economic cooperation, governance, educational reforms in Nepal. **Professional Volunteering Engagements:** Advisory on NACA (US), IIDS (Nepal) & PNMF (Nepal) • Post-1915 Nepal Earth Quake UNM4Nepal Initiative --women's community center building project in Bahunipati, Nepal. **Pursuits:** Societal Systems Dynamics, life and beyond: Blog-- [Nepal Unplugged](#) **Core Values:** Learn, apply and repeat to avoid burnout in both professional and personal life. **Legacy:** Honored to Be Part of the Founding of – [Dr. Alok Bohara Graduate Research Excellence Award](#)

## RESEARCH AND TEACHING PHILOSOPHY: MY ACADEMIC CYCLES OF LEARNING, APPLICATION & RENEWAL

In my 38-year career at the University of New Mexico, I continually reinvested in myself by following a simple but powerful principle: **learn, apply, and repeat**. This cyclical approach not only kept me energized and intellectually curious but also allowed me to evolve across disciplines and avoid burnout. Over the decades, this philosophy helped me navigate three distinct academic phases—roughly 10–12 years each—each building on the last and expanding the scope of my research, teaching & global outreach.

- The first phase focused on building a strong foundation rooted in my graduate training, leading to publications in macroeconomics and time series analysis, and culminating in tenure and promotion to Associate Professor.
- In the second phase, I used my sabbatical to retool in micro-econometrics and environmental economics, emphasizing non-market valuation techniques and rigorous empirical research using both revealed and stated preference data, mostly drawn from primary and secondary surveys in the U.S.
- The third phase, following my promotion to full professor, marked a shift from depth to breadth. I applied lessons from earlier phases to conduct field-based research in Nepal, mentoring numerous doctoral students and engaging in interdisciplinary studies that linked environment, health, and sustainable development.

To support and amplify this global work, I worked with my colleagues from different universities to establish the Nepal Study Center (NSC) in 2005, along with the Himalayan Policy Research Consortium, which organized academic conferences and fostered global outreach. Together, these platforms enabled citizen science initiatives, cross-disciplinary collaboration, and policy-relevant research in the Himalayan region, and led to two MOUs between UNM and institutions in Nepal.

In the later years of my career, my research philosophy seamlessly merged with community-engaged scholarship and experiential learning. Through STEAM-based programming and the UNM Himalayan Study Abroad Program, students engaged directly with real-world challenges in Nepal—ranging from public health and biodiversity to water and air quality and climate resilience.

One signature initiative that emerged from this effort is the "Beyond Lumbini Circle"—a practical campaign to promote eco-cultural tourism beyond the World Heritage site of Lumbini into adjoining districts rich in ecological and cultural heritage. This initiative reflects the culmination of my guiding principle: learning through action, and action through learning.

## RESEARCH, TEACHING AND GLOBAL OUTREACH SUMMARIES

### Research Summary (Past, Present, and Future)

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- Macro uncertainty and output, common movements and dynamic transmission of shocks across economies.
- Gender and or ethnic discrimination; environmental justice (environmental Kuznets curve hypothesis), migration movements; armed conflict and inequality.
- Non-market valuation tools and its applications to environmental amenities, health, and climate change and adaptations.
- A Random Utility Model approach to modeling movements of endangered species and habitat mapping.
- Social capital, trust and reciprocity, resiliency, food security, adaptation, and natural disaster.
- Gender empowerment, health and hygiene (mental health and social media, menstrual hygiene, HPV awareness, cancer and quality of life)
- Urban systems and resiliency (pollution –water, air and soil; waste management, drinking water, public health, green space)

- Natural disaster and pandemic and the socio-economic impact (damage and loss) and the adaptation measures (early warning system, private adaptation, building codes/constructions, and training).
- Under exploration: Complexity economics, social network, adaptive systems, scale, self-organization, and criticality.
- Tools: Stata, R, GIS, GAUSS; state-of-the-art metrics to deal with various data generating processes – count, censored, limited and qualitative, dynamic, cross-sectional, panel; nonlinear; spatial econometrics, mle/GMM, Bayesian metrics (INLA-Integrated Nested Laplace Approximation, choice modeling, SEM/GSEM, measurement error models. Primary surveys, secondary surveys, censuses, and time series and cross-sectional data frames.

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### Teaching Summary

- Statistics, Econometrics at graduate and undergraduate levels, Time Series Analysis, and Development Analytics 1) micro-econometrics –inequality, hotspot, impact evaluation, small-area estimates and 2) macro dynamics, uncertainties and shocks in a panel and/or time series VAR setting)
- Developed problem-based learning curriculum (Econ 369\*) to enhance experiential learning with hands-on community-engaged research for undergraduates. This learning modality includes: the use of graduate mentors in the classroom setting, analysis of real world data from the field, coming up with the implementable solutions, and using study abroad program to implement the solutions on the ground (e.g., student-led citizen science concept to collect water quality data in Nepal; installation of pollution monitoring devices to collect real time data; and community engagement and interactive workshops.

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### Global Outreach

- Establishment of the knowledge platforms like the [Nepal Study Center](#) at UNM (2005) and its [Himalayan Policy Research Consortium](#) to promote global research and outreach connectivity through various activities (annual conferences –since 2005, summer graduate research seminar, workshops, 10+ field research in Nepal)
- Exchanges and visits of high ranking officials between UNM and Kathmandu University and ICIMOD.
- MOU between UNM and institutions in the Himalayan region making UNM an associate member of the ICIMOD's Himalayan University Consortium (HUC) initiative.
- Himalayan Study Abroad Program.

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## RESEARCH AND MENTORING OVERVIEW

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### IMPACT FACTOR STATISTICS

- Google Scholar: Total citations (6479); h-index (44); i10-index (91). Click [here](#) for fuller information and papers. As of March 2025.
- RecPec Services Ranking (economists): Overall Average Rank Score (US: top 8%). New Mexico Ranking: 1<sup>st</sup>/44 (top 3%). Mountain State Ranking: (top 9%). USA Ranking: (top 16%). [Usual caveats apply to such ranking and citation analysis.]. As of March 2025.

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### OVERALL RESEARCH OUTPUT

- Peer-reviewed journal articles (141); Book chapters (6); Reports (17)
  - Papers under review and/or R&R (10)
  - For complete information, see: <https://econ.unm.edu/people/faculty/profile/alok-bohara.html>
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## OVERALL DISSERTATION RESEARCH GUIDANCE & MENTORING:

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- PhD supervision (chair or co-chair = 38; Ongoing = 2); (PhD Com. Member: Internal = 28; External = 4)
  - PhD Committee on Studies (COS) for research requirement (Chair = 26; Member = 8)
  - Master's Thesis (Chair = 7; Member = 5)
  - BA Honors (Chair = 7)
  - Research Opportunity Program (ROP) for minority students (4)
  - Graduate Fellowship Mentoring (4)
  - Graduate Independent Studies (20)
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## PEER REVIEWED JOURNAL ARTICLES

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- 141.** Rahman, Mohammad Mashiur, Niraj Khatiwada, Alok K. Bohara, "Does exposure enhance interest? An analysis of composting exposure on interest in household waste management," *Waste Management*, Volume 196, 1 April 2025, Pages 1-9
- 140.** Kunwar, Samrat B. & Khatiwada, Niraj & Rahman, Mohammad Mashiur & Liu, Mengqi & Thapa, Swati & Bohara, Alok K. & Wang, Jingjing, "[Reimagining Teaching Water Issues through Experiential Learning](#)," *Applied Economics Teaching Resources (AETR)*, Agricultural and Applied Economics Association, vol. 5(3), September. (2023)
- 139.** Rahman, Mohammad Mashiur, Ph.D., Niraj Khatiwada, Ph.D., Mengqi Liu, Ph.D., Samrat B. Kunwar, Ph.D. Alok K. Bohara, Ph. D., Jingjing Wang, Ph.D., "Water and Economics: Why We Need and Ought to Teach Water Economics in the Modern Economics Curriculum," *Applied Economics Teaching Resources (AETR)*, (Submitted July 7<sup>th</sup>, 2022; R&R Sept 2022, Accept 2023)
- 138.** Khatiwada, N., Alok K. Bohara, & Samrat B. Kunwar, "Household Preferences for Time and Monetary Contributions for Environmental Restoration: A Study from the Danda River Basin in Nepal," *Water Resources and Economics* (Revise and Resubmit; Accept 2023)
- 137.** Rahman, M.M. and Alok K. Bohara, "An Analysis of the Preference and Spatial Dependence of Welfare Estimates for a Solid Waste Management System in Nepal; A Choice Experiment Approach," *Journal of Environmental Management*, (submitted May 24, 2022; R&R August 2022; accepted Nov 2022)
- 136.** S. Roy Chowdhury & A. Bohara. "Cancer patients preferences as a guide to cancer prevention: A contingent valuation study in Nepal," *Public Health* (Submitted May, 2022; R&R August 2022, Accepted October 2022)
- 135.** Shahid, Md. Adnan, Veeshan Rayamajhee & Alok K. Bohara, "Does Social Capital Help in Post-Disaster Recovery? Evidence from Gorkha Earthquake of Nepal," *International Journal of Disaster Risk Reduction* (sub. Apr 2021; R&R June 2022; accepted October 2022).
- 134.** Rayamajhee, Veeshan, W. Guo & Alok K Bohara, "Impacts of Climate Change on Food Utilization in Nepal," *Review of Development Economics*, (Submitted 2021; Accepted Sept, 2022)
- 133.** Price, James I. Price, Alok K. Bohara, Wendy L. Hansen, "Determinants of Displacement and Displacement Duration Following Hurricanes Katrina and Rita: A Hurdle Model Approach," *GeoHazards*, (Submitted, 7 June 2022; Accepted August 2022), **2022**, 3(3), 412-

427; <https://doi.org/10.3390/geohazards3030021>

- 132.** Islas-Camargo, Alejandro, Alok K. Bohara, and J. Mario Herrera Ramos, "Economic disparities in pollution-related mortality in three municipalities of the Metropolitan Area of the Valley of Mexico," *Atmósfera* 35(4), 755-779, 2022. <https://doi.org/10.20937/ATM.52962>
- 131.** Rayamajhee, V., Storr, V.H., & Bohara, A.K., "Social entrepreneurship, co-production and post-disaster recovery," *Disasters* 46(1):27-55, 2022.
- 130.** Yilmaz, Siobhan K. & Alok K. Bohara, "Potentials & Risks for Addressing Mental Health and Wellbeing Issues among Nepali Adolescents," *Frontiers in Public Health, section Public Mental Health*, (Accepted March 2021), 2021 Apr 23;9:563515. doi: 10.3389/fpubh.2021.563515. PMID: 33968868; PMCID: PMC8102693.
- 129.** S. Roy Chowdhury, A. Bohara, J. Drope. "Comparison of mental burden across different types of cancer patients in Nepal: A special focus on cervical cancer patients," *Journal of Health Research* 2021. [https://pdfs.semanticscholar.org/a6fb/98eaf68d8c3f5937360f67e0957071453772.pdf?\\_ga=2.216430419.457215886.1660837780-583373485.1658501249](https://pdfs.semanticscholar.org/a6fb/98eaf68d8c3f5937360f67e0957071453772.pdf?_ga=2.216430419.457215886.1660837780-583373485.1658501249)
- 128.** Rahman, M, S. Alok K. Bohara, & Samrat Kunwar, "The interconnection between water quality level and health status: An analysis of Escherichia Coli contamination and drinking water from Nepal," *Water Resources and Economics*, 34, 2021
- 127.** Rahman, M, S. Roy Chowdhury, A. Bohara, & B.Karmachaya. "A Case of Negative Externality: Use of Pesticide and its Impact on Health Among Farmers in Salumbhu Village, Nepal," (2021), *Journal of Health Management*, 23: (2) 2021.
- 126.** Rayamajhee, V., Guo, W., & Bohara, A.K. "Perception of climate change and the demand for weather-Index micro-insurance: Evidence from a contingent valuation survey in Nepal," *Climate and Development*. 2021  
<https://www.tandfonline.com/doi/abs/10.1080/17565529.2021.1949574?journalCode=tcl20>
- 125.** Rayamajhee, V., & Bohara, A.K. "Social capital, trust, and collective action in post-earthquake Nepal". *Natural Hazards*, 105. 1491-1519. 2021.
- 124.** Rayamajhee, V., Guo, W., & Bohara, A. K. "The Impact of Climate Change on Rice Production in Nepal." *Economics of Disasters and Climate Change*, 5(1), 111-134, 2021
- 123.** Rahman, M.M.; Vasquez, Jesus; & Bohara, Alok. "Geospatial analysis of health risks and solid waste management behavior," *Journal of Environmental Economics and Policy*. Vol 10, Issue 4, 1-28, 2021.
- 123.** Yilmaz, Siobhan K., Alok K. Bohara, and Swati Thapa. "The Stressor in Adolescence of Menstruation: Coping Strategies, Emotional Stress & Impacts on School Absences among Young Women in Nepal," *International Journal of Environmental Research and Public Health* 18, no. 17 (2021). <https://doi.org/10.3390/ijerph18178894>.



122. Yilmaz, Siobhan K., and Alok K. Bohara. "MHealth: Potentials and Risks for Addressing Mental Health and Well-Being Issues Among Nepali Adolescents," *Frontiers in Public Health* 9 (2021): 387. <https://doi.org/10.3389/fpubh.2021.563515>.
121. Yilmaz, Siobhan K. & Alok K. Bohara. "A Step Back from the Edge: Empirical Modeling of the Role of Social Integration on Suicide & Associated Deleterious Health Outcomes across Adolescents from Six Middle Income Countries." *Social Psychiatry and Psychiatric Epidemiology*, 56, no. 5, 793-805, 2021
120. Chakraborty, Soumyajit & Alok K. Bohara, "The Cost of Being 'Backward' in India: Socio-religious Discrimination in the Labour Market" *Indian Journal of Human Development*, 15(2): 252-274. 2021.
119. Koirala Bishwa and Alok K. Bohara "Do energy efficiency building codes help minimize the efficiency gap in the U.S.? A dynamic panel data approach" *Energy & Environment*. 2020
118. Shahid, Md. A. and Alok K. Bohara, "Does Microfinance Increase Food Security?" *American Journal of Marine Science*, 8(3): 89:97, 2020.
117. Jamal, Mamkhezri, Alok, Bohara, Islas, Alejandro. Air pollution and daily mortality in the Mexico City Metropolitan Area. *Atmósfera* 33(3), pp. 249-267, 2020.
116. Chowdhury, S. Roy and A. Bohara "Measuring the societal burden of cancer: A case of lost productivity in Nepal" (2020), *Public Health*, 185: 306-311, 2020.
115. Kunwar, S.B., Bohara, A.K., & Thacher, J. "Public Preference for river restoration in the Danda Basin, Nepal: A Choice Experiment Study." *Ecological Economics*. 175, 106690, 2020.
114. Rayamajhee, V., Bohara, A. K., & Storr, V. H. "Ex-post coping responses and post-disaster resilience: a case from the 2015 Nepal earthquake." *Economics of Disasters and Climate Change*, 4, 575-599, 2020.
113. Yilmaz, Siobhan K., Alok K. Bohara, and Soumi Roy Chowdhury. "Touch for Health: Use of Pavlovian Processes with Physical Touch as a Means to Improve Menstrual Hygiene Management Initiatives, Measured by Willingness to Pay." *PharmacoEconomics - Open*, July 23, 2019. <https://doi.org/10.1007/s41669-019-0168-6>.
112. Mamkhezri, J., Bohara, A. K., & Camargo, A. I. (2019). "Air Pollution and Daily Mortality in Mexico City Metropolitan Area," *Atmósfera*. DOI: 10.20937/ATM.52557 Acceptance date: 22 November 2019.
111. Kunwar, S.B., Bohara, A.K. "Water Quality Avoidance Behavior: Bridging the Gap between Perception and Reality," *Water Economics & Policy*, 2019

- 110.** Koirala, S. Bishwa, Alok K. Bohara, Kamal Upadhyay and Satis C. Devkota, "Community Managed Hydropower, Spillover Effect and Agricultural Productivity: The Case of Rural Nepal," *World Development Perspectives*, 13, 64-67, 2019.
- 109.** Rayamajhee, V. and Alok K. Bohara, "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. 2019. <https://doi.org/10.1002/jid.3406>
- 108.** Rayamajhee, V. and Alok K. Bohara, "Do voluntary associations reduce hunger? An empirical exploration of the social capital- food security nexus among food impoverished households in western Nepal," *Food Security: The Science, Sociology and Economics of Food Production and Access to Food*. 11(2), 405-415, 2019, Springer Netherlands, <https://doi.org/10.1007/s12571-019-00907-0>
- 107.** Chowdhury, Roy Soumi, Alok K. Bohara, Hari Katuwal, Jose Pagan, and Jennifer Thacher, "Impact of Ritual Bathing in a Holy Hindu River on Water-borne Diseases," *The Developing Economies*, 57 (1), 2019.
- 106.** Bucheli, José R., Alok K. Bohara, and Matias Fontenla, "Mixed effects of remittances on child education," *IZA Journal of Development and Migration*, (2018) 8:10.
- 105.** Chowdhury, Roy Soumi, Alok K. Bohara and Brady Horn, "Balance of Power, Domestic Violence and Health Injuries: Evidence from Demographic and Health Survey of Nepal," *World Development*, Volume 102, February 2018, Pages 18-29.
- 104.** Bucheli, J, Alok K. Bohara, & Kira Villa, "Paths to Development? Rural Roads and Multidimensional Poverty in the Hills and Plains of Nepal," *Journal of International Development*, 30(3):430-456 · April 2018.
- 103.** Nepal, Naresh, Alok K. Bohara, Eric Steltzer, and Kelly L Cullen, "Public values on offshore wind farm," *Environmental Economics and Policy Studies*, January 2018, Volume 20, Issue 1, pp 225–240.
- 102.** Robert Fonner, Alok K Bohara and Stephen Archambault "Migration Choices during Conflict in Nepal: Pull Forces and Landscape Interactions," *International Journal of Development and Conflict* Volume 8, Issue 2, Page 46-61, December 2018.
- 101.** Piorkowski, Kristina and Alok K. Bohara, "Passing the "Torches of Freedom": An Investigation into Smoking Behaviors of Women in Nepal," *Feminist Economics*, Volume 24, 2018 - Issue 3, pages 56-79.
- 100.** Chowdhury, Soumi Roy, Alok K. Bohara, Dipesh Tamrakar, Biraj Karmacharya, and Jeffrey Drope, "Distance and Lack of Information as Barriers to Cancer Screening: Spatial Empirical Evidence from Nepal," *Journal of Family Medicine & Community Health*, 4(6):1-11, 2017.
- 99.** Dealy, Bern C., Brady P. Horn, Alok K. Bohara, Robert P. Berrens and Angela D. Bryan, "The Impact of Behavioral risk reduction interventions on willingness to pay to avoid sexually transmitted infections: a stated preference study of justice-involved youth," *Applied Economics*, Volume 49, 2017 - Issue 56.



98. Kunwar, Samrat and Alok K. Bohara, "Climate Sensitivities and Farmland Values in Nepal: A Spatial Ricardian Approach," *Journal of Development and Agricultural Economics*, Vol. 9(6), pp. 145-161, June 2017.
97. Joshi, Janak and Alok K. Bohara, "Household Preferences for Cooking Fuels and Inter-fuel Substitutions: Unlocking the modern fuels in the Nepalese household," *Energy Policy*, Volume 107, August 2017, Pages 507–523.
96. Ali, Mohammad and Alok K. Bohara, "How does FDI Respond to the Size of Shadow Economy: An Empirical Analysis under a Gravity Model Setting," *International Economic Journal*, Volume 31, 2017 - Issue 2
95. Neupane, Dinesh, Samrat Kunwar, Alok K. Bohara, Thomas S. Rischc, and Ronald L. Johnson, "Willingness to pay for mitigating human-elephant conflict by residents of Nepal," *Journal of Nature Conservation*, Volume 36, April 2017, 65-76.
94. Fonner, Robert, Alok K. Bohara, "Optimal Control of Wild Horse Populations with Non-lethal Methods," *Land Economics*, 93 (3): 390–412 August 2017.
93. Katuwal, H., M. K. Qassim, J. A. Pagan, J. A. Thacher and A. K. Bohara, "Knowledge, Information and Water Treatment Behavior of the Residents in Kathmandu Valley", *Development Journal of the South* 1(1); 3-23, 2015.
92. Nepal, Mani and Alok K. Bohara, "Consumption Insurance under Uncertainty: The Case of Nepal during Maoist Insurgency," *International Journal of Development and Conflict* 5(2015) 1–31.
91. Koirala, Bishwa, Alok K. Bohara, Robert P. Berrens, "Estimating the Net Implicit Price of Energy Efficient Building Codes on U.S. Households," *Energy Policy*, Volume 73, October 2014, Pages 667–675.
90. Karki, Menuka, and Alok K. Bohara, "Evidence of Earnings Inequality Based on Caste in Nepal," *The Developing Economies* Volume 52, Issue 3, pages 262–286, 2014.
89. Tevie, Justin, Alok K. Bohara, and R. Burciaga Valdez, "Examination of the Geographic Variation in Human West Nile Virus: A Spatial Filtering Approach," *Epidemiology and Infection*, 2014; 142(12):2522-9.
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87. Koirala, Bishwa and Alok K. Bohara, "Valuing U.S. Climate Amenities for Americans Using a Hedonic Pricing Framework," *Journal of Environmental Planning and Management*, 2014, vol. 57, issue 6, pages 829-84.
86. Koirala Bishwa, Alok K. Bohara, Robert P. Berrens, "Willingness to pay for improved quality of trekking in Manang, Nepal," *International Journal of Sustainable Society*, Vol. 5, Issue 3, 2013 pp 250-265.

85. Price, James I. and Alok K. Bohara, "Maternal Healthcare amid Political Unrest: The Effects of Armed Conflict on Antenatal Care Utilization in Nepal," *Journal of Health Policy and Planning*, 2013; 28:309–31.
84. Milligan, Michael and Alok K. Bohara, "The Effects of International Remittance Income on Child Education and Child Labour: Evidence from Nepal," *The Indian Journal of Economics*, Volume XIX, No. 362, January 2011, pp. 519-541.
83. Milligan, Michael and Alok K. Bohara, "Consumption from Remittance and Non-Remittance Income in Nepal: A Semiparametric Analysis," *Journal of Regional Studies and Development*, 2011, Vol 20, No. 2, pp. 123 – 153.
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81. Katuwal, Hari and Alok K. Bohara, "Coping with Poor Water Supplies: Empirical Evidence from Kathmandu, Nepal," *Journal of Water and Health*, 2011, Vol 9 No 1 pp 143–158.
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78. Milligan, Michael A., Alok K. Bohara, and Jos A. Pagan, "Assessing Willingness to Pay for Cancer Prevention," *International Journal of Health Care Finance and Economics*, vol. 10(4), pages 301-314, December 2010.
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## WORK-IN-PROGRESS

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### Revise and Resubmit

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### Under Review

Ganvir, Nikhil & Alok K. Bohara, "Women's Empowerment, Husband's Perception towards Gender Roles and Family Planning in India," *Journal of South Asian Development*, (Submitted, September, 2022)

Khatiwada, Niraj & Alok K. Bohara, "Air Pollution Exposure, Exposure Avoidance, and Differential Exposure and Health among Socioeconomic Subgroups," *Environmental and Resource Economics*, (submitted June 2022)

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### **Select Working Papers: Ready for Submission and/or in Draft Forms**

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Chakraborty, Soumyajit, Alok K. Bohara & Abhradeep Karmakar, “Dotal Marriages, Women’s Education & Inheritance Rights in India” (2022) [To Be Submitted]

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Khatiwada, N., & Bohara, A. K. “Socioeconomic Cost is in the Air: A Study of the Cascading Burdens of Air Pollution”

Joshi, Aakrit, Brady Horn, Xiaoxue Li, Alok K. Bohara, M. Lee Van Horn, Paul Guerin, Barbara McCrady, Ron Mittelhammer, and Michael French “Economic Analysis of Jail-based Medication Assisted Treatment Program”

Joshi, Aakrit, Alok K. Bohara, Niraj Khatiwada, and Mashiur Rahman, “Determinants of Smokeless Tobacco Prevalence”

Liu, Mengqi, and Alok K. Bohara, “The Dynamic Optimal Control Model for Analyzing the Cost-effectiveness of Cervical Cancer Prevention in South-Asian Countries”

Shende, Disha & Alok K. Bohara, “Effect of Maternal Inputs on Child Outcomes: Does the Gender Matter?”

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### **Work-in-Progress**

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Chakraborty, Soumyajit & Alok K. Bohara, “Sheepskin Effect and Success Gaps in Marriages: Evidence from India” (2022) [Preliminary results available] 1.

Chakraborty, Soumyajit , Soumi R. Chowdhury & Alok K. Bohara, “Examining the Causal Relationships between Health Indicators and GDP: A Panel VAR Approach” (2022) [Preliminary results available]

Paneru, T.P., Bohara, A., & Kunwar, S. “Adverse Impacts of Piped Water on Child Health: Evidence from Nepal”

Paneru, T.P. & Bohara, A. “Willingness to Pay for Renewable Energy in the United States”



## Select Working Papers Drafts

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Pirokowski, Kristina N. and Alok K. Bohara, "Support for Sugar-Sweetened Beverage Taxation,"

Pirokowski, Kristina N. and Alok K. Bohara, "Elements of Support for Sugar-Sweetened Beverage Taxation: Empirical Evidence from New Mexico."

Guemmegne, Juliette T. and Alok K. Bohara, "Effect of Patient-centered Communication on Health Care Quality and Health Outcomes."

Karki, M., Alok K. Bohara, and Keshav Bhattarai, "Geo-spatial analysis of the impact of outdoor pollution on people's health in the Kathmandu Valley."

## RESEARCH GRANTS [Total = 39]

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### National and International

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**15.** *Estimating the Public Preferences for Solid Waste Management and Understanding the Health Effects of Exposure to Air Pollution in Siddharthanagar Municipality, Nepal*, submitted to The South Asian Network for Development and Environmental Economics (SANDEE), ICIMOD in collaboration with the Pratiman-Neema Memorial Foundation (PNMF), Siddharthanagar, Nepal, \$7000, Nepal Study Center –UNM team: Dr. Alok K. Bohara, Mohammad Mashiur Rahman, and Niraj Khatiwada, February 2019.

**14.** National Science Foundation IRES: Track 1 – Taking the Classroom to the Field: International Research Experience in Nepal, \$314,123, submitted in Sept. 2018 (under review.)

**13.** *HPV Vaccination and Awareness in Urban Town of Siddharthanagar, Nepal*, The American Cancer Society, \$25K, An extension to: Socio-economic Consequences of Cancer in Nepal, The American Cancer Society, Project # A15-0234; Submitted in 2017, Accepted January 2018 (funded).

**12.** *Socio-economic Consequences of Cancer in Nepal*, The American Cancer Society, Project # A15-0234; (January 2016 – December 2017); \$15000, One student supported for dissertation work. (Quality of Life Extension funded, January 2016). 2<sup>nd</sup> Extension \$25 K to look at the HPV Vaccination Awareness (Submitted December 2017, Accepted February 2018.).

**11.** *Socio-economic Consequences of Cancer in Nepal*, The American Cancer Society, Project # A15-0234; (January 2016 – December 2017); \$15000, One student supported for dissertation work. (Extension funded, January 2016).

**10.** "The Economic Analysis of Medication Assisted Treatment in a Large Urban `Jail," National Institute of Drug Abuse, \$407,768. (NIH) (PI: Brady Horn, Co-PI: Alok K. Bohara), Submitted 2015; Funded Summer 2016).

**9.** *US-Nepal Research Planning Trip: Climate change and its impacts on rural communities in the Gandaki River Watershed, Nepal* (PIs: Dr. Alok K. Bohara, Dr. Joe Galewsky, and Mark Stone). National Science Foundation 13-605 04/22/14, \$30,820. Includes support for three students. (Submitted April 2014, Funded).

8. *Center on Conflict and Development Research Concept for Nepal*, The USAID-funded Conflict and Development at Texas A&M (AID-OAA-A- 13-00003); Project Number, 15-0341; (08/31/2014 - 01/31/2015); \$12,000.00. PI: Alok Bohara Two students partially supported. (Submitted Fall 2014, Funded).
7. *Socio-economic Consequences of Cancer in Nepal*, The American Cancer Society, Project # A15-0234; (January 2015 – December 2015); \$15000, PI: Alok Bohara; One student supported for dissertation work. (Submitted, December 2014, Funded).
6. *A Pilot Study: Examining adverse respiratory effects of inorganic arsenic exposure in women of Nepal's Terai region* [Developed in collaboration with the Nepal Study Center of the University of New Mexico, Dr. Bohara served as a mentor for Dipika Gawande], Yale-Collaborative Action Project (Y-CAP) Grant, Yale College (Premed students: Dipika Gawande and Jenny Wu), \$12,000, Funded April, 2014.
5. *Statistical Modeling of the Habitat use of mountain Goats (*Oreamnos americanus*) in the Kenai Mountains*, south-central Alaska, USDA Forest Service, Recreation Service (\$38,849) PI: Alok Bohara & co-PI Professor Jennifer Thacher; one fulltime graduate support, Fall 2009, Spring 2010, and Summer 2010).
4. *Statistical Modeling of the Habitat use of mountain Goats (*Oreamnos americanus*) in the Kenai Mountains*, south-central Alaska, USDA Forest Service, Recreation Service (\$38,849) PI: Alok Bohara & Co-PI Professor Jennifer Thacher, one fulltime graduate support, Fall 2008, Spring 2009, and Summer 2009).
3. *Effectiveness of Safety Regulation A Study of U.S. Coast Guard Inspections, Detection of Violations, and Occurrence of Casualties*, CO-PIs: Kishore Gawande and Alok K. Bohara, National Science Foundation (\$69,607.00), 15 months, support for 2 students, (June 1, 1999-August 2000).
2. *Informing Contingent Valuation Methods with Internet Surveys*, \$292,280.62; David Weimer (PI), Robert Berrens (co-PI), Alok K. Bohara (co-PI), Hank Jenkins-Smith (co-PI), Carol Silva (co-PI), National Science Foundation, 2 years, (\$240,000.00, 4/99-4/2001).
1. *Preference Formation and Elicitation in Valuing Non-market Goods* National Science Foundation/U.S. Environmental Protection Agency Partnership for Environmental Research, 1995-1997, \$185,000, Robert Berrens, Alok K. Bohara, David Brookshire, Philip Ganderton, Hank Jenkins-Smith, Hillard Kaplan, and Michael McKee.

#### **State and Local Agencies**

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7. *Study of El Paso Property Values Collaborators* Hank Jenkins-Smith (PI) with R. Berrens, A. Goodwin, A. K. Bohara, and Carol Silva, Hillard and Munoz, NM State sponsored Grant to UNM, \$52K for survey design and implementation 6/01-8/01, 2001.
6. *New Mexico Health Insurance Coverage and Preference Survey*, New Mexico Health Policy Commission; Collaborators Hank Jenkins-Smith, Carol Silva, Alok Bohara, Robert P. Berrens, Amy Fromer, and John Brown, \$162,700.00, Economics Department, UNM and IPP, UNM, (December 1998).

5. *Improved Methods for Forecasting State Revenues*, jointly funded by The Department of Finance and Administration (DFA), The Taxation and Revenue Department (TRD), and The Legislative Finance Committee (LFC), State of New Mexico. PI Alok Bohara, \$14,500.00, support for a student, (November 1998).
4. City of Albuquerque, Department of Environmental Health, *Study to Determine the Environmental Impacts to Economic Development* in Albuquerque, \$700 support for graduate student internship (Amy Baker), (Fall 1996 - Summer 1997); co-mentoring with Bob Berrens.
3. City of Albuquerque, Department of Environmental Health, *Study to Determine the Environmental Impacts to Economic Development* in Albuquerque, \$15,000 support for graduate student internship (Amy Baker), (Fall 1997-Summer 1998); co-mentoring with Bob Berrens.
2. *The Betting and Attendance Effects of Inter-State Simulcasting* Statistical Advisor to PI Albert M. Church, Fall 1990, \$5,000. New Mexico State Agency.
1. *Demand for Horse Racing in New Mexico*, Statistical Advisor to PI Albert M. Church Spring 1989, \$9,000. New Mexico State Agency.

#### **University-wide: Research, Curricular, Student Fellowships**

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17. *Himalayan Study Abroad Program: Urban Health and Environment: Health, Environment & Citizen Science*, Sustainable Development Action Lab. Trip Leaders: Dr. Alok K. Bohara, Professor, Department of Economics, Director, Nepal Study Center and Graduate Student Co-leader: Thaneshwar Paneru. Department of Economics. (\$ 8K). Funding agency: SAAC-University of New Mexico.
16. *Proposal for Faculty-Led Study Abroad Program: Himalayan Study Abroad Program: Urban Health and Environment (Health, Environment & Citizen Science)*, Study Abroad Allocation Committee (SAAC - UNM), 2018 (funded \$12K). Study Abroad co-leader: Kevin Estes (funded).
15. *Proposal for Faculty-Led Study Abroad Program: Himalayan Study Abroad Program: Urban Health and Environment (Health, Environment & Citizen Science)*, Office of Students Affairs, UNM, 2018, (funded, \$500).
14. *Proposal for Faculty-Led Study Abroad Program Himalayan Study Abroad Program: Urban Health and Environment (Health, Environment & Citizen Science)*, Study Abroad Allocation Committee (SAAC - UNM), Sustainable Development Action Lab, Nepal Study Center, PI: Alok Bohara, October 17, 2017, Amount requested \$19,704. Accepted 2017: 15K.
13. *Problem-based Learning Using Data Analytics* [Econ 395/595], Teaching Allocation Grant (TAG-UNM), (Submitted November 2016, Accepted December 2016) \$2500 (PI: Dr. Alok K. Bohara and Co-PI: Dr. Jennifer Thacher).
12. *Problem-based Learning Using Data Analytics; development of a global research experiential learning program for undergraduates*. Teaching Allocation Grant (TAG-UNM), (Submitted September 2016, Accepted October 2016) \$4000. (PI: Alok Bohara and Dr. Thacher).
11. *Health policy and GIS modeling Lab*, The Robert Wood Johnson Health Institute, UNM; (\$18,000; PI: Dr. Alok Bohara and Co-PI Jennifer Thacher; Fall 2008, Spring 2009; one fulltime

graduate lab GA).

10. *Understanding the Social Costs of Natural Disasters: A Study of the Impact of Hurricane Katrina on the Health and Well-Being of Affected Families and Their Children*, The RWJ Health Institute, UNM Funding (\$19,426.20 Grant #33077; PI: Alok Bohara & co-PI: Professor Wendy Hansen; one partial support for a graduate student; Spring 2008).
9. *Building Poverty Research capacity Micro-Simulation to Study the Effects of economic Policy Changes on the welfare of Children and women in Nepal*, Kristine Grimsrud and Alok K. Bohara, Department of Economics, Research Allocation Committee (RAC-UNM) Large Grant, \$4,300, UNM, (Submitted December 2003, accepted January 2004).
8. *Women's Empowerment, Health, Education, Environment, and Social Capital: A Hierarchical Approach Combining Household Surveys Community Level Data*, Center for Regional Analysis, UNM, (\$12,000 one student support Fall 2003, Spring 2004, and some partial summer support).
7. *Creating a Multi-level dataset Development, Poverty, and the Environment in a Developing Country*, Resource Allocation Committee Grant (UNM), (#03-33), \$3,500 UNM (Spring 2003).
6. Institute for Public Policy (IPP), UNM, Fellowship Grant Program, 3 graduate students awarded (\$1,000.0 each; David Scrogin, Leonard A. Malczgnski, Amy Baker), December 1997, two jointly with Bob Berrens (IPP fellowship).
5. Institute for Public Policy (IPP), UNM, Fellowship Grant program, (graduate student mentor for Caroline Beer), \$1000.00, graduate student support, Spring 1996 (IPP fellowship).
4. *Investigating the Build-Up of U.S. Hazardous Waste Sites and Resulting Migration*, Research Allocation Committee, RAC grant, UNM, \$2000.00, # 97-05, February 1997.
3. *Determinants of Private Health Insurance Coverage Among Mexican American Men in the Southwest*, Alok K. Bohara and Richard Santos Research Allocation Committee (RAC), UNM, \$2000.00, 1995.
2. *A VARMA Analysis of West German Money and Income Data Fixed Versus Flexible Exchange Rates*, Alok K. Bohara and Christine Sauer, Co-PI's RAC, University of new Mexico December 1988 - January 1990, \$510.
1. *Competing Macro-Hypotheses in the United States: A Kalman Filtering Approach* Alok K. Bohara and Christine Sauer, Co-PIs, RAC, University of New Mexico September 198- September 1990, \$480.

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#### **SEMINAR AND INVITED TALKS [includes presentations by coauthors on joint projects]**

135. **Reimagining Teaching Through Integrative Experiential Learning**, 17th Annual Himalayan Policy Research Conference Event Sponsor: Nepal Study Center (NSC), University of New Mexico Dec. 3rd & 4th, 2022
134. **Keynote speaker** for the HUC, ICIMOD: *knowledge transfer*, 2022.

- 133. Keynote speaker** IIDS seminar series inauguration, 2021.
- 132.** 15th Annual HPRC. "**The Role of Water Sources and Water Treatment on Child Health in Nepal**". Thaneshwar Paneru and Alok Bohara
- 131.** *Do it or Pay it: Behavioral and Economic Indicators for HPV Vaccination Evidence from Nepal* at the 90th Annual Conference of the Southern Economic Association, in November 2020, and the 15th Annual Himalayan Policy Research Conference (HPRC) Zoominar, in December 2020
- 130.** Yilmaz, Siobhan K. & Alok K. Bohara. "A Step Back from the Edge: Empirical Modeling of the Role of Social Integration on Suicide & Associated Deleterious Health Outcomes Across Adolescents from Six Middle Income Countries." *Social Psychiatry and Psychiatric Epidemiology*, Accepted Nov 9, 2020.
- 129.** Chakraborty, Soumyajit & Alok K. Bohara Annual Meeting of Southern Economic Association (SEA), Fort Lauderdale, USA November 2019 - Chakraborty & Bohara *Understanding Hypergamy-Dowry Linkages in India*
- 128.** Chakraborty, Soumyajit & Alok K. Bohara Annual Meeting of Southwestern Social Science Association (SSSA), San Diego, USA November 2019, *The Labor Market Cost of Being Tribal and Muslim: Evidence from India*
- 127.** Chakraborty, Soumyajit & Alok K. Bohara Annual Himalayan Policy Research Conference (HPRC), UW-Madison, USA October 2019 *Sheepskin Effect and Success Gaps: Evidence from India*
- 126.** Chakraborty, Soumyajit & Alok K. Bohara, APPAM Regional Student Conference, American University, Washington DC, USA March 2019 - Chakraborty & Bohara *Nepal's Experience in Adoption of Hybrid Seeds: Evidence from NSAF Project by USAID*
- 125.** Chakraborty, Soumyajit & Alok K. Bohara Biennial Population and Public Policy Conference, Albuquerque, USA February 2019 - [Working and Getting Paid, But Eventually Less Than Men: By How Much in India?]
- 124.** Rahman MM & Alok K. Bohara , 89th Southern Economic Association (SEA), "Assessment of multiple alternatives in a solid waste management system," Fort Lauderdale, FL. 48th Annual Conference on South Asia "Estimating the Household's preference and willingness to pay for a solid waste management system in Siddharthanagar Municipality, Nepal; A choice experiment approach". 2019
- 123.** Rahman MM & Alok K. Bohara, 14th Himalayan Policy Research Conference (HPRC), University of Wisconsin, Madison. 47th Annual Conference on South Asia Title: A case of Negative Externality: Use of pesticide and its impact on health among farmers in Salumbhu village, Nepal.2019
- 122.** Rahman MM & Alok K. Bohara, 88th Southern Economic Association (SEA) Title: Health Impacts of E.Coli Contamination in Drinking Water; An Evidence from Nepal Washington, DC. 2019

- 121.** Rahman MM & Alok K. Bohara , 2019 Population and Public Policy Conference “A solid waste management model for determining the optimal use of land filling, recycling, and composting,” Albuquerque, NM.
- 120.** Yilmaz, S. & A. Bohara. (2019, November). *A Step Back from the Edge: Empirical Modeling of the Role of Social Integration on Suicide & Deleterious Health Outcomes Across the World's Adolescents*. Paper presented at 15<sup>th</sup> International RAIS Conference on Social Sciences and Humanities, Rockville, MD.
- 119.** Yilmaz, S. & A. Bohara. (2019, October). *A Pilot Study on Adolescent Mobile Phone Use, Indirect Mental Health Costs and Cultural Context Considerations - REPORT*. Paper presented at 14th Annual Himalayan Policy Research Conference (HPRC), Madison, WI.
- 118.** Chakraborty, Soumyajit & Alok K. Bohara, "The Labor Market Cost of Being Woman, Tribal and Muslim: How Much in India?" UCLA International Institute (April 19, 2019).
- 117.** Chakraborty, S., Alok K. Bohara and N. Joshi, "Role of Agronomical Knowledge in Crop Diversification and Adoption of Hybrid Rice Seeds: A Case Study of Nepal," Regional Student Conference in Washington, DC, 2019 APPAM D.C., session #12201, Topic: "The Role of Agriculture around the World," Saturday, March 30, 2019.
- 116.** Crawford Symposium 2019, *Our Changing Bosque: Educating on Public Lands*, sponsored by BEMP, Feb 15<sup>th</sup>, 2019 at the SUB, UNM. Nepal Study Center's Sustainable Development Action Lab showcased two posters and demonstrated live streaming through the dashboard the air pollution data from the ground in Nepal. [Mentor: Professor Alok. K. Bohara; Undergraduate Students: Hannah Fritsch, Geoffrey Scott Lawrence, Thomas Gerard Henderson, & Brian Olivas.
- 115.** Chakraborty & Alok K. Bohara, “Socioreligious Discrimination in Indian Labor Market: A Non-Parametric Approach,” (2019) Population and Public Policy Conference, Albuquerque, NM, February 2019.
- 114.** Rahman, M.M., Alok K. Bohara & Andrew Goodkind, “A solid waste management model for determining the optimal use of land filling, recycling, and com-posting,” 2019 Population and Public Policy Conference, Albuquerque, NM. 10th February 2019.
- 113.** Karki, Menuka, Alok K. Bohara, & Keshav Bhattarai, “Impact of Outdoor Air Pollution on People’s Respiratory Health in Kathmandu, Nepal – A Geo-Spatial Analysis,” 2019 International Conference on Resource Sustainability - Cities (icRS Cities 2019), July 1-3, 2019, Adelaide, Australia, (scheduled).
- 112.** S. Roy Chowdhury, A. Bohara, “*It's better to learn than to suffer: Cancer patients' preference to cancer prevention*,” Western Economic Association International Conference, Japan 2019 (scheduled).
- 111.** Chakraborty, S. & Alok K. Bohara, “Gender and Caste Discrimination in India” Annual Meeting of Southern Economic Association, Washington, DC, November 2018.
- 110.** Yilmaz, S., A. Bohara, & S. Thapa, “The Stressor in Adolescence of Menstruation: Economic Analysis of Effective Coping Strategies,” paper presented at 13th Annual Himalayan Policy Research Conference (HPRC), 47th South Asian Conference, U of Wisconsin-- Madison, WI, Madison, October



2018.

- 109.** Chakraborty, S., A. Bohara & N. Joshi, "Role of Agronomical Knowledge in Farmers' Risk-averse Decision: Evidence from Nepal," paper presented at 13th Annual Himalayan Policy Research Conference (HPRC), 47th South Asian Conference, U of Wisconsin-- Madison, WI, Madison, October 2018.
- 108.** Mengqi Liu & Alok K. Bohara, "The Dynamic Optimal Control Model of Analyzing the Cost-effectiveness of Cervical Cancer Prevention in South Asia," paper presented at 13th Annual Himalayan Policy Research Conference (HPRC), 47th South Asian Conference, U of Wisconsin-- Madison, WI, Madison, October 2018.
- 107.** Rahman, M.M.; Chowdhury, Soumi; Bohara, Alok; Biraj Karmacharya, "A case of Negative Externality: Use of pesticide and its impact on health among farmers in Salumbhu village, Nepal," paper presented at 13th Annual Himalayan Policy Research Conference (HPRC), 47th South Asian Conference, U of Wisconsin-- Madison, WI, Madison, October 2018.
- 106.** Rahman, M.M., Samrat Kunwar, Alok K. Bohara, "Health Impacts of E.Coli Contamination in Drinking Water: An Evidence from Nepal," 88th Southern Economic Association (SEA), Washington, DC. 19th November 2018.
- 105.** Rayamajhee, V., Alok K. Bohara, & VH Storr, "Natural Disasters, Ex-post Coping Strategies, and Post-disaster Resilience: Evidence from the 2015 earthquake in Nepal." At 13th Annual Himalayan Policy Research Conference as part of the 47th Annual Conference on South Asian Conference, October 11-14, 2018, U of Wisconsin, Madison.
- 104.** Rayamajhee, V., Alok K. Bohara, & VH Storr, "Natural Disasters, Ex-post Coping Strategies, and Post-disaster Resilience: Evidence from the 2015 earthquake in Nepal," presented at Sustainability and Development Conference, November 9-11, 2018, University of Michigan-Ann Arbor, Michigan.
- 103.** Islas-Camargo A., Alok K. Bohara, and J. Mario Herrera Ramos, "Economic disparities in pollution-related mortality in three municipalities of the Mexico City Metropolitan Area," Thirteenth International Conference on Interdisciplinary Social Sciences. 25-27 July 2018, University of Granada, Granada Spain.
- 102.** Dealy, B. C., Horn, B. P., Bohara, A. K., Berrens, R. P., & Bryan, A. D. "The Impact of Behavioral Risk Reduction Interventions on Willingness to Pay to Avoid Sexually Transmitted Infections: A Stated Preference Study of Justice-Involved Youth," *International Society of Health Economists*, Boston, MA, July 2017.
- 100.** Karki, Menuka, Alok K Bohara and Keshav Bhattarai, "Geo-spatial analysis of the effect of outdoor air pollution on people's health in the Kathmandu Valley in Nepal," 2017 *International Conference on Applied Economics and Business*, Amsterdam, Netherland, July 25-27, 2017.
- 99.** Islas-Camargo ,Alejandro, Alok K. Bohara, and J. Mario Herrera Ramos, "Economic disparities in pollution-related mortality in three municipalities of the Mexico City Metropolitan Area," 4th Annual Meetings of Economics and Public Policy, Mexico City, Mexico, April 27-28, 2017.
- 98.** Siobhan Yilmaz, Alok K. Bohara, Soumi Roy Chowdhury, & Swati Thapa, "A Light in the Dark for Nepalese Teen Girls," WSSA Conference 2017, (April 12-15th, San Francisco), 2017.

97. Bucheli, Jose, Alok K. Bohara and Matias Fontenla, "Heterogeneous Effects of Remittances on Child Education" *International Economic Association's World Congress*, Mexico City, June 19 – 23, 2017.
96. Crockett, Matthew, Geoffrey Schultz, and Alok K. Bohara, "Food Insecurity as a Precursor to Gender Discriminatory Behavior and Child Health Outcomes," Western Social Science Association Conference 2017 – San Francisco, CA, April 12-15, 2017.
95. Piorkowski, Kristina and Alok K. Bohara, "A Supplement Away From Better Health?: Micronutrient Status in the United States," Western Social Science Association (WSSA), San-Francisco, CA April 2017.
94. Piorkowski, Kristina and Alok K. Bohara, "Estimating the Willingness to Pay for a Sugar Sweetened Beverage Tax: A Case Study of New Mexico," Western Social Science Association (WSSA), San-Francisco, CA April 2017.
93. Bucheli, Jose R. and Alok K. Bohara, "Social Capital and Resilience: Evidence from the 2010 Chilean Earthquake and Tsunami," Western Social Science Association (WSSA), San-Francisco, CA April 2017.
92. Yilmaz, Siobhan and Alok K. Bohara, "A Light in the Dark for Nepalese Teen Girl," Western Social Science Association (WSSA), San-Francisco, CA April 2017.
91. McDermott, Glen Vincent and Alok K Bohara, "Health Effects of Job Switching and Financial Strain," presentation at IABE, West Palm Beach, FL, March 20, 2017.
90. Chowdhury, Roy Soumi and Alok Bohara, "A Health Belief Model approach to determine the uptake of preventative health measures in Nepal," Western Social Science Association (WSSA), San-Francisco, CA April 2017.
90. Bucheli, Jose, Alok K. Bohara, and Matias Fontenla, "The Impact of a Rural Road Development Project on Multidimensional Poverty in Nepal," the Agricultural & Applied Economic Association (AAEA) conference in Boston on July 31 – August 2. 2016.
89. Bohara, Alok K., "Taking the Classroom into the Field: An Experiment in Social Sciences," Third Annual Parish Memorial Library Lecture Series, University of New Mexico, November 3<sup>rd</sup>, 2016.
88. Chowdhury, Roy Soumi, Alok Bohara and Brady Horn, "The Impact of Domestic violence on Health outcomes: Survey evidence from Nepal," Western Economic Association International (WEAI), Portland, OR July 2016.
87. Chowdhury, Roy Soumi, Alok Bohara and Brady Horn, "The Impact of Domestic violence on Health outcomes: Survey evidence from Nepal," UCLA International Institute Conference, UC Los Angeles April 2016.
86. Chowdhury, Roy Soumi, Alok Bohara and Brady Horn, "The Impact of Domestic violence on Health outcomes: Survey evidence from Nepal," Shared Knowledge Conference, University of New Mexico April 2016.

85. Bohara, Alok K., Organized NSC-UNM sponsored 11<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 45<sup>th</sup> preconference venue (October 20<sup>th</sup> 2016). It was attended by scholars from various countries.
84. Fonner, Robert and Alok K. Bohara. "Optimal population control of wild horse populations with non-lethal methods," oral presentation, Half Baked Seminar for Seattle Marine Economists. January 27, 2016.
83. Bohara, Alok K., Wenmei Guo, and Biraj Karmacharya *Building Resilient Community* "Nepal earthquake roundtable discussion," University of Wisconsin's South Asia 42<sup>nd</sup> Conference venue (October 22<sup>nd</sup> 2015). Invited.
82. Dealy, B. C., Brady P. Horn, Alok K. Bohara, R. P. Berrens, and A.D. Bryan, "The Impact of Behavioral Risk Reduction Interventions on Willingness to Pay to Avoid Sexually Transmitted Infections: A Stated Preference Study of Justice-Involved Youth," Western Economic Association International Annual Conference, Waikiki, HI, June 2015. (Presented by Horn)
81. Piorkowski, Kristina N. and Alok K. Bohara, "Understanding Female Smoking Behaviors in Nepal," International Association for Feminist Economics Twenty Fourth Annual Conference, Berlin, Germany, July 2015.
80. Chowdhury, Soumi Roy, Alok K. Bohara, and Brady Horn, "Balance of Power, Domestic violence and Health Injuries: Evidence from Demographic and Health Survey of Nepal," organized by Nepal Study Center as a part of 44th South Asian Conference, University of Wisconsin, Madison, 22-25 October 2015.
79. Guo, Wenmei, and Alok K. Bohara. "Farmers' Perception of Climate Change and Willingness to Pay for Weather-Index Insurance in Bahunipati, Nepal," The 10th Annual Himalayan Policy Research Conference, Pre-conference Venue of the 44th South Asian Conference, Madison, WS, October 22<sup>nd</sup>, 2015.
78. Guo, Wenmei and Alok K. Bohara, "Joint Regression Analysis of the Effect of Climate Risk on Food Security in Rural Nepal Using A Copula Approach," The 79th Midwest Economics Association Conference, Minneapolis, MN, March 27th to 29th, 2015.
77. Organized NSC-UNM sponsored 10<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 44th preconference venue (October 22<sup>nd</sup> 2015). It was attended by scholars from various countries.
76. Guo, Wenmei and Alok K. Bohara, "Climate Change, Perception, and Adaptation Strategies and the Willingness to Pay for a Rain-indexed Crop Insurance," Department of Civil Engineering UNM, March 25, 2015.
75. Organized NSC-UNM sponsored 9<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 43<sup>rd</sup> preconference venue (October 16<sup>th</sup> 2014). It was attended by scholars from various countries.
74. Chowdhury, Soumi Roy, Alok K. Bohara, HariKatuwal, Jose Pagan and Jennifer Thatcher, "Knowledge, attitude, belief and behavior of the Bagmati River users in Kathmandu Valley," Nepal 9<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 43<sup>rd</sup>

preconference venue (October 16<sup>th</sup> 2014).

**73.** Guo, Wenmei and Alok K. Bohara, "Joint regression analysis of the effect of climate risk on food security in rural Nepal: Using Copula approach," 9<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 43<sup>rd</sup> preconference venue (October 16<sup>th</sup> 2014)

**72.** Hwang, Jee Woong and Alok K. Bohara, "Finite Mixture Model of Wildlife Watching Recreation with Multiply-Imputed Travel Cost", the 84<sup>th</sup> annual conference of the Southern Economic Association. November 22-24, 2014, the Atlanta Marriott Marquis, Atlanta, Georgia.

**71.** Dealy, Bern C., Brady P. Horn, Alok K. Bohara, Robert P. Berrens and Angela D. Bryan, "Information and the Perceived Cost of Sexually Transmitted Infections: a Stated Preference Study of Justice-Involved Youth, " 89<sup>th</sup> Western Economic Association International, 89<sup>th</sup> Annual Conference, June 27-July1, 2014, Grand Hyatt Denver.

**70.** McDermott, G.V., B.P. Horn, S. Silwal, and A.K. Bohara, "The Private Shipping Industry Response Piracy: Theory and Evidence from the Somali Region" Department of Economics Seminar, Washington State University, Pullman, WA, October 2014.

**69.** McDermott, Glen, Brady P. Horn, Shikha Basnet, and Alok K. Bohara, "The Private Response of the Private Shipping Industry to Piracy: Theory and Evidence, the Somali Region," 89<sup>th</sup> Western Economic Association International, 89<sup>th</sup> Annual Conference, June 27-July1, 2014, Grand Hyatt Denver.

**68.** Karki, Menuka, Alok K. Bohara, and Jennifer Thacher, "Using Choice Experiment to Estimate People's Willingness to Pay for Improved Solid Waste Management System in Kathmandu, Nepal," Southern Economics Association conference, Nov 22-24, 2014, Georgia, Atlanta.

**67.** Piorkowski, Kristina, Alok K. Bohara, Jennifer Thacher, Biraj Karmacharya, and Sachita Shrestha, "Determinants of Gender Differences in Self-Health Ratings: A Case Study from Nepal," Western Social Science Association Annual Conference, Albuquerque, NM, April 2014.

**66.** Bucheli, R. Jose, and Alok K. Bohara, "Multidimensional Poverty Index and Small-Area Estimation for Nepal," Western Social Science Association Annual Conference, Albuquerque, NM, April 2014.

**65.** Bucheli, R. Jose, Matias Fontenla, and Alok K. Bohara, "The Effects of International Remittances on Child Schooling in Ecuador," Western Social Science Association Annual Conference, Albuquerque, NM, April 2014.

**64.** Bucheli, R. Jose, Wenmei Gao, and Alok K. Bohara, "The Effects of Social Networks and Remittances on Child Schooling in Nepal," Western Social Science Association Annual Conference, Albuquerque, NM, April 2014.

**63.** Dealy, B.C., B.P. Horn, A. Bohara, Robert P. Berrens, and A.D. Bryan, "Information and the perceived cost of sexually transmitted infections: a stated preference study of justice-involved youth," Western Social Science Association Annual Conference, Albuquerque, NM, April 2014.

**62.** Archambault, S., K. Grimsrud, and A.K. Bohara, "Food security: a Dynamic optimization model," Accepted for presentation at Global Land Project conference, March 2014 (Berlin, Germany).

61. Koirala, Bishwa and Alok K. Bohara, "Farm Productivity and Efficiency in Rural Nepal: the Role of Community Managed Micro-hydro," accepted for presentation at the 2014 Midwest Economics Association Annual Meeting. Session 1G: Agricultural Resources, scheduled on Friday, March 21, 2014, at 8:00 a.m.-9:45 A.M.
60. Bohara, Alok K., "Field Experiments in Global Health in Rural Nepal," December 6<sup>th</sup>, 2013, School of Pharmacy, University of New Mexico.
59. Bohara, Alok K., "The Economist as Integrator in Climate Change and Global Health Field Research," Agriculture and Applied Economics Department, Texas Tech University, Lubbock, October 23<sup>rd</sup>, 2013.
58. Bohara, Alok K. et al., Organized NSC-UNM sponsored 8<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 42<sup>nd</sup> preconference venue (October 17<sup>th</sup> 2013). It was attended by scholars from various countries. Also, moderated a session.
57. Bohara, Alok K. et al. Organized NSC-UNM sponsored 7<sup>th</sup> Annual Himalayan Policy Research Conference at University of Wisconsin's South Asia 41<sup>st</sup> preconference venue (October 11<sup>th</sup> 2012). It was attended by scholars from various countries.
56. Karki, Menuka and Alok K. Bohara, "The wage discrimination: the cost of being Dalit in Nepal", The 7<sup>th</sup> Himalayan Policy Research Conference (HPRC), University of Wisconsin's 41<sup>st</sup> South Asian Conference venue, Madison, October 11, 2012.
55. Nepal, N., A.K. Bohara, E. Steltzer, and K.G. Cullen, "Public Values on Offshore Wind Farm," W2133, Albuquerque, February 2011.
54. Katuwal, Hari, Alok K. Bohara, and Jenn Thacher, "Benefit Estimation for Water Quality Improvement in the Bagmati River Choice Experiment," W133- Conference, Tucson, Arizona; February 2010.
53. Nepal, Naresh, Alok K. Bohara, Jennifer Thacher, Martin Bray, Aaron Poe, Grant Harris, Thomas McDonough, "Mountain Goat Habitat Modeling for the Kenai Peninsula, Alaska," Alaska Department of Fish and Wildlife; February 2010.
52. Katuwal, Hari, Alok K. Bohara, and Jenn Thacher, "Benefit Estimation for Water Quality Improvement in the Bagmati River Choice Experiment," The Fourth Annual Himalayan Policy Research Conference (38th South Asian Conference at the U. of Wisconsin), Nepal Study Center, University of New Mexico Madison, October 22, 2009.
51. Koirala, Bishwa, Alok K. Bohara, and Robert Berrens, "Estimation of Maximum Willingness to Pay for Improved Quality of trekking in Manang, Nepal by International Trekkers," The Third Annual Himalayan Policy Research Conference (37th South Asian Conference at the U. of Wisconsin), Nepal Study Center, University of New Mexico Madison, October 19, 2008.
50. Milligan, Michael and Alok K. Bohara, "The Effect of remittance on Child Education and Child Welfare in Nepal," the Second Annual Himalayan Policy Research Conference (36th South Asian Conference at the U. of Wisconsin), Nepal Study Center, University of New Mexico Madison, October 11, 2007.

- 49.** Bohara, Alok K., Coordinator the Second Annual Himalayan Policy Research Conference (36th South Asian Conference at the U. of Wisconsin), Nepal Study Center, University of New Mexico Madison, October 11, 2007.
- 48.** Nepal, Mani and Alok K. Bohara “Can Households Insure Their Consumption Properly in Low Income Countries during Violent Conflict? Evidences from Nepal under Maoist Insurgency,” Southwestern International Studies Association 2007 Conference, Albuquerque, March 15, 2007.
- 47.** Bohara, Alok K., Helped coordinate (advisory role) the First e-Seminar No 1 2007 on The Role of Private Sector Development in New Nepal, Nepal Study Center, The University of New Mexico. February 15-28, 2007.
- 46.** Bohara, Alok K., Coordinated and helped organize the First Annual Himalayan Policy Research Conference (35th South Asian Conference at the U. of Wisconsin), Nepal Study Center, University of New Mexico Madison, October 19, 2006.
- 45.** Bohara, Alok K. et al. Jointly organized with the National Democratic Institute (DC); one of the coordinators and moderator of the Workshop on Opportunities and Challenges for Nepali Political Parties, Washington, D.C., 20-23, October 2005. Proceedings from the Workshop is published.
- 44.** Mozumder, P., A. Bohara, R. Berrens, and N., Halim\*, “Private Transfers to Cope with Natural Disasters Evidence from Bangladesh,” University of Colorado Environmental Economics Conference, Vail CO, September, 2005. (Presented by Mujumdar\*).
- 43.** Mozumder, P., A. Bohara, R. Berrens, and N., Halim\*. “Private Transfers to Cope with Natural Disasters: Evidence from Bangladesh,” University of Colorado Environmental Economics Conference, Vail CO, September, 2005. (Presented by Mozumder\*)
- 42.** Bohara, Alok K., Attended the NRNs Doha Convention (January 18-23; 2005) to promote Nepal Study Center.
- 41.** Bohara, Alok K., Attended two conventions to promote Nepal Study Center. Phoenix (July 2004); and Atlanta (September 2004).
- 40.** Mitchell, Neil and Alok K. Bohara, “An Opportunity Theory of State Violence: An Analysis of Conflict in Nepal 1996-2002,” International Studies Association, Montreal, March 21-25, 2004.
- 39.** Moffett, Maurice, and Alok K. Bohara, “Hospital Quality Oversight by the Joint Commission on the Accreditation of Healthcare Organizations,” Maurice Moffett (Baylor College of Medicine) and Alok K. Bohara (Department of economics, U. of New Mexico), Health care Invited Symposium Papers Invited by the Eastern Economic Journal (EEJ) for Publication, Washington DC, February 20-22, 2004.
- 38.** American Association for Policy Analysis and Management (APPAM), annual conference, Washington DC, November 2003.
- 37.** Bohara, Alok K., Invited Conference participant on Nepal and its Insurgency Problems, June 16, 2003, New York, sponsored by Asia Society and Woodrow Wilson International Center.
- 36.** Bohara, Alok K., Invited, “Socio-economic Factors and Violence: A Hierarchical Bayesian



Model,” U of Tennessee and the Business Research Center, Nashville, July 2, 2003.

**35.** University of Colorado Environmental Economics Conference, Boulder, CO July 16-18, 2003.

**34.** Bohara, Alok K, Neil Mitchell, and Mani Nepal, “Correlates of Political Violence in Nepal (1996-2002) A Hierarchical Model,” Midwest Economics Association 67th Annual Meeting, St. Louis, Missouri, March 28-30, 2003.

**33.** List, J.R., R. Berrens, A. Bohara, and J. Kerkvliet, “Incentive Compatibility of Hypothetical referenda and the Role of Social Isolation on Stated Preferences,” University of Colorado Environmental Economics Conference, Boulder CO, July 2002.

**32.** Berrens, R. A. Bohara, H. Jenkins-Smith, C. Silva, and David Weimer, “Information and Effort in Contingent Valuation Surveys Application to Global warming Using National Internet Samples,” Invited Seminar, Department of Agriculture and Resource Economics, Colorado State University, Fort Collins, CO, 2002.

**31.** Berrens, R., A. Bohara, H. Jenkins-Smith, C. Silva, and D. Weimer, “Information and Effort in Contingent Valuation Surveys Application to Global Warming using National Internet Samples,” University of Colorado Environmental Economics Workshop, Breckenridge, CO, July 2001.

**30.** Cavlovic, Therese, R. Berrens, A. K. Bohara, and W.D. Shaw, “Testing the Validity of Contingent Behavior Trip Responses,” Presented at the USDAs Western Regional Research Project W-133 Benefits and Costs Transfer in Natural Resource Planning. Annual Conference, Miami FL, February 2001.

**29.** Berrens, R., A. Bohara, H. Jenkins-Smith, C. Silva, and D. Weimer, “Internet versus Telephone in Contingent Valuation Application to the Kyoto Protocol,” Annual Conference, International Institute of Fisheries Economics and Trade, Oregon State University, Corvallis, OR, July 2000.

**28.** Cavlovic, T., R. Berrens, A. Bohara, P. Jakus, and W.D. Shaw, “Valuing the Loss of Access to Rock Climbing in Wilderness Areas A National-level random Utility Model,” Boulder Workshop on Environmental Economics, U. of Colorado, Boulder, July 2000.

**27.** Bohara, A., Kishore Gawande, and Pablo Sanguinetti (Di Tella U. Buenos Aires), “The Political Economy of regional Trade Agreements Evidence,” Empirical Issues in International Trade (EIIT) Conference, U. of Colorado, Boulder, Nov. 2000.

**26.** Bohara, Alok K. and others, Invited “A Further Investigation of Voluntary Contribution Contingent Valuation Fair Share, Time of Contribution, and Respondent Uncertainty,” Paper, presentation at GSU Environmental and Econometrics Seminar Series, November 12, 1999.

**25.** Bohara, Alok K. and others “Further Investigation of Voluntary Contribution Contingent Valuation Fair Share, Time of Contribution, and Respondent Uncertainty,” Southern Economic Association, November 21-23, New Orleans, 1999.

**24.** Islas-Camargo, Alajandro, Bohar, Alok K. and Kishore Gawande, “Stochastic Volatility Models of Latin American Stock Markets,” paper presented at De Tella University, Buenos Aires, Argentina, July 13, 1999.

- 23.** Scrogin, David, Robert P. Berrens, and Alok K. Bohara, "Policy Changes and the Demand for Lottery-rationed big-game Hunting Licenses," Session VIII Valuing Changes in Recreational Access (Session C), 199W-133 Annual Meetings, February 23rd, Tucson, Arizona.
- 22.** Bohara, Alok K., Panel Commentator Dimension of Integration in NAFTA and MERCOSUR, The University of New Mexico, Latin American and Iberian Institute, 19-22, November 1998.
- 21.** Baker, Amy, Bob Berrens, Alok Bohara, and Gloria Cruz, "Environmental Equity in the Urban Southwest Case of Albuquerque, New Mexico," presented on April 16, 1998 at the Western Social Science Association Conference in the Urban Studies by Amy Baker.
- 20.** Berrens, Bob, Alok Bohara, Amy Baker, and Ken Baker, "Revealed Preferences of a State Bureau: Case of New Mexico's Underground Storage Tank Program," presented on March 19, 1998 at the Southwestern Social Science Association Conference in the Economics Section by Amy Baker.
- 19.** Berrens, Robert P., Alok K. Bohara, David Brookshire, Philip Ganderton, Hank Jenkins-Smith, Hillard Kaplan, and Michael McKee, "Preference Formation and Elicitation in Valuing Non-Market Goods, Proceedings," Workshop on Valuation of Environmental Policy, National Science Foundation, Arlington, VA, April 1997.
- 18.** Beer, Caroline and Alok K. Bohara, "Ethnicity and Environmental Attitude An Ordered Probit Analysis," Panel 5 Applied Micro Economics Gauging Preferences with Survey Data, Western Social Science Association, 39th Annual Conference, Albuquerque, New Mexico, April 23-26, 1997.
- 17.** Bohara, Alok K., Session Moderator Environmental Economics, Panel 11, Western Social Science Association, 39th Annual Conference, Albuquerque, New Mexico, April 23-26, 1997.
- 16.** Gawande, Kishore, Alok K. Bohara, and Robert Berrens, "Environmental Kuznets Curve for U.S. Hazardous Waste Theory," Panel 11 Environmental Economics, Western Social Science Association, 39<sup>th</sup> Annual Conference, Albuquerque, New Mexico, April 23-26, 1997.
- 15.** Sauer, Christine and Alok K. Bohara, "Exchange Rates Volatility and Exports Regional Differences Between Developing and Industrialized Countries," Panel 16 International Economics Country Studies, Western Social Science Association, 39th Annual Conference, Albuquerque, New Mexico, April 23-26, 1997.
- 14.** Bohara Alok K., Robert P. Berrens et al. "DC vs. OE Comparative Effects of Total Cost and Group-Size Reminder," W-133 Regional Project Conference, Portland, Oregon, March 21-22, 1997.
- 13.** Bohara, Alok K. and Randall Krieg, "An Endogenous Switching Model of Migration and Earnings, Session Empirical Evidence on Employment, Earnings, and Business Cycles," Monday 12:30-2:15pm, Southern Economic Association, New Orleans, November 18-20, 1995.
- 12.** Bohara, Alok K. and Randall Krieg, "A Poisson Hurdle Model of Migration Frequency," 64th Annual Conference of the Southern Economic Association, Orlando, Nov 20-22, 1994.
- 11.** Sauer, Christine and Alok Bohara, "Monetary Policy and Inflation Uncertainty in the United States and Germany," Midwest Economic Association, 56th annual meeting, Chicago, IL, March 26-28, 1992.

10. Bohara, Alok K. and Christine Sauer, "Monetary Policy Responses to Inflation Uncertainty in the United States and Germany," Faculty Seminar Series, Department of Economics, UNM, November 8, 1991.
9. Bohara, Alok K. and Alberto Davila, "English Proficiency and Earnings Among Hispanic and Non-Hispanic Ethnic Groups," Faculty Seminar Series, Department of Economics, UNM, April 8, 1991.
8. Bohara, Alok K. and William H. Kaempfer, "Retaliation in Trade Policy Between Canada and the United States," North American Economics and Finance Association, Fifth International Congress, July 21-24, University of Colorado, Boulder February 1991, Vol. II, p. 546.
7. Bohara, Alok K. and William H. Kaempfer, "The Dynamics of Tariff Retaliation Between the United States and Canada," Sixth Annual Conference of the Southern Economic Association, New Orleans, LA, November 18-20, 1990.
6. Bohara, Alok K. and Alberto Davila and Robert H. Hicks, "The Role of Productivity in Mincer-Type Earnings Functions," Faculty Seminar Series, Department of Economics, UNM, October 1, 1990.
5. Bohara, Alok K. and Christine Sauer, "Competing Macro-Hypotheses in the United States A Kalman Filtering Approach," Western Economic Association International Conference 1990, San Diego, CA, June 29-July 3, 1990.
4. Bohara, Alok K. and Christine Sauer, "A VARMA Analysis of German Money and Income Data Fixed versus Flexible Exchange Rates," Midwest Economic Association, Fifty-Fourth Annual Meeting, Chicago, IL, March 29-31, 1990.
3. Bohara, Alok K. and Christine Sauer, "Competing Macro-Hypotheses in the United States A Kalman Filtering Approach," Midwest Economic Association, Fifty-Fourth Annual Meeting, Chicago, IL, March 29-31, 1990.
2. Bohara, Alok K. and Christine Sauer, "A VARMA Analysis of German Money and Income Data Fixed vs. Flexible Exchange Rates," Faculty Seminar Series, Department of Economics, UNM, October 1989.
1. Bohara, Alok K. and William H. Kaempfer, "Retaliation in Trade Policy Between Canada and the United States," Second World Banking and Finance Symposium, The Economics Institute, and The Fifth International Congress of The North American Economics and Finance Association, University of Colorado, Boulder, July 21-24, 1989.

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## **RESEARCH MENTORING AND TEACHING**

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### **TEACHING ACTIVITIES**

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#### **Courses Taught**

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Introductory Statistics and Econometrics (undergraduate); Mathematical Statistics and Econometrics I (Graduate); Econometrics II; (PhD); Econometrics III (PhD); Intermediate Econometrics

(Undergraduate); Time Series Analysis and Forecasting (Upper Division Undergraduate). Development Analytics (PhD) –two different topics; Problem-Based Learning using Data Analytics (Upper Division Undergraduate), Study Abroad Course: Himalayan Study Abroad; Principle of Macro; Intermediate Macro; Mathematical Economics (Graduate and Undergraduate).

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### Curricular Development

- Developed ECON 369\* Problem-based Learning using Data Analytics (2018)
- Prepared a student handbook on basic statistics, linear algebra, and calculus, (Spring 1993).
- Worked on field curriculum, (Spring 1993).
- Helped redesign graduate core curriculum, (Fall 1992).
- Prepared an econometrics laboratory, Research Assistant, Teena Archuleta, (Summer 1991).
- Worked on the revision of the econometrics sequence and created a three-course sequence in econometrics program, UNM, (Fall 1987 to Fall 1988).
- Developed a Time Series Forecasting course, (Econ 408, 3 credits, Department of Economics, UNM, December 1988).

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### Graduate Student teaching Mentoring

- Student Teaching Mentor, (Fall 2019, Fall 2018, Fall 2012, Fall 2005, Fall 2002, Fall 2001, Fall 2000, Fall 1999).

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## DOCTORA RESEARCH AND MENTORING

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### PhD Dissertation in Progress as Chair or Co-Chair

4. Pufan Qi (Co-chair, Feb 2024 -)
3. Tausifa Tajalli (Chair, Summer 2022- )

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### PhD Dissertation Completed as Chair or Co-Chair

38. Ganvir, Nikhil, *Essays Analyzing the Economic Consequences of Caste Dynamics in India*, (Chair, January 2018 – Spring 2024).
37. Paneru, Thaneshwar, *Protecting Natural Forest and Biodiversity under Urbanization*, (Chair, January 2020 – Spring 2024)
36. Khatiwada, Niraj, *Understanding the health impacts of air pollution and the public preferences for air quality improvement: A case study from Siddharthanagar municipality of Nepal*, (Chair, Summer 2022, **Distinction**).
35. Joshi, Aakrit, *Three Essays in Risky Health Behavior and Racial Discrimination*, (Co-Chair, Summer 2022).

34. Shahid, Muhammad A., *Essays on Cancer Patients, Quality of Life, and Social Capital*. (Chair, 2022).
33. Soumyajit Chakraborty, *Essays on Human Capital*, (Chair, 2021)
32. Rahman, Mohammad Mashiur, *Assessment of knowledge, behavior, and participation towards a solid waste management system in the context of developing countries*, (Chair, 2021)
31. Liu, Mandy, *Stronger Transition: Coping Strategies with Natural Disasters and Health-economic Investment for Adolescents in Developing Countries.*, (Co-Chair, 2021, **Distinction**).
30. Biswakarma, Rajan, *Climate and its Impact on Child Welfare*, (Co-Chair, completed Summer 2020).
29. Shende, Disha, *Essays on Health, Health Care Access, & Disparities*, (Chair, January 2017 – Spring 2020 Completed)
28. Yilmaz, Siobhan, *Adolescent Mental Health in the Developing World: Three Economic Analyses on Stressors, Coping, and Support*, (Chair, January 2018- defended March 2020)
27. Bucheli, Jose, *Migration, Return migration, and Economic Development in Latin America*, (Co-Chair January 2015 – March 2019) **Award:** LAII Fellowship. **Employment:** Post-doc/Visiting Research Fellow, University of California, San Diego, 2018-2019 Center for U.S.-Mexican Studies, School for Global Policy and Strategy. **Currently:** Assistant Professor New Mexico State University.
26. Rayamajhee, Veeshan, *Climate Resiliency* (Chair, January 2017 – Spring 2019), **Award:** Graduate Research Scholarship Award, Office of Graduate Studies, University of New Mexico, April 2019. Adam Smith Fellowship Fall 2017, Spring 2018. **Employment:** North Dakota State University, Department of Agribusiness and Applied Economics (Assistant Professor).
25. Kunwar, Samrat, *Three Essays on Urban Pollution, Sanitation, and the Climate Change and the Environment*, (Chair, January 2016 – Defended January 2019, **Distinction**); **Award:** Provost's Fellowship. **Employment:** Formerly Visiting Assistant Professor, Department of Economics, Binghamton University; **Currently:** Assistant Professor, College of Saint Benedict and Saint John's University;
24. Choudhury, Soumi Roy, *Socio-economic Consequences of Cancer in Nepal*, (Chair, January 2016 – May 2018, **Distinction**); **Employment:** Economist, National Council of Applied Economic Research, India; **Award:** Winner of Graduate Dean's Dissertation Fellowship Award, April, 2017.
23. Piorkowski, Kristina Nicole, *Obesity and Tax Policy on Soda*, (Chair: Fall 2015 –May 2018, **Distinction**), **Employment:** Analytics Associate IV Presbyterian, Albuquerque; **Award:** RWJ Fellow.
22. McDermott, Glen V, *Dynamic Model of Financial Stress and Health Outcome*, (Chair: Spring 2015 – May 2018); **Employment:** Advanced Analytics Consultant, Anthem, Inc. Richmond, Virginia Area. [GLENMCDERMOTT1969@GMAIL.COM](mailto:GLENMCDERMOTT1969@GMAIL.COM)
21. Guemmegne, Juliette Tayou, *Investigating Strategies to Improve Healthcare Labor Market, Health Outcomes, Healthcare Quality, and to Reduce Emergency Department Utilization and Costs: A Study of*

*the Effectiveness of Family Friendly Policies, Patient-Centered Communication, and Enhanced Access to Care*, (Co-Chair, December 2013 –Summer, 2017); **Award:** RWJ Fellowship.

20. Gua, Wenmei, *Food security, climate change and health effects: evidence from rural Nepal*, (Chair, 2012 – May 2016); **Employment:** Senior Pricing Analyst, EZ BOO, Chicago [wenmeiguo1@gmail.com](mailto:wenmeiguo1@gmail.com)

19. Karki, Menuka, *Towards Reaching Sustainable Urban Development Urban Development in the Kathmandu Valley of Nepal: An Economic Analysis of Solid Waste Management, Recycling, and the Health Impacts of Air Pollution*, (Co-Chair, 2011 – March 7, 2016); **Employment:** Adjunct Faculty, Kathmandu University, Nepal; Economist at Northa (INGO) [hirabina@gmail.com](mailto:hirabina@gmail.com)

18. Hendrickson, Gerald, *National Laboratories, Knowledge and the International Collaboration Interface*, (Chair, Fall 2001 – Defended December 2014); **Employment:** Sandia National Laboratory, Albuquerque, New Mexico [gahendr@mac.com](mailto:gahendr@mac.com)

17. Fonner, Robert, *Examining the Influence of Landscape on Natural Resource Management in the American West: A Geospatial Approach*, (Chair, 2011 – June, 2014, *Distinction*); **Employment:** Economist, Conservation Biology Division, Northwest Fisheries Science Center, NOAA Fisheries. [robby.fonner@noaa.gov](mailto:robby.fonner@noaa.gov)

16. Hwang, Jee Woong, *The Value of Wildlife Watching Recreation and Techniques for Addressing Nonresponse in Nonmarket Valuation Surveys*, (Chair, June 2012 – June 2014); **Employment:** Economist Supervisor, Human Services Department (Income Support Division), New Mexico State Government, [hwang.jee@gmail.com](mailto:hwang.jee@gmail.com)

15. Nepal, Naresh, *A Geospatial Approach to Wildlife and Wilderness Management*, (Chair, 2010 - June, 2014, *Distinction*); **Employment:** previously as Post-doc, Health Sciences Center, UNM, 2017. [nnepal@unm.edu](mailto:nnepal@unm.edu)

14. Tevie, Justin, *Evolving Biological Nuisances in Health Economics*, (Co-Chair, March 2012- May 2013). [teviej@yahoo.com](mailto:teviej@yahoo.com)

13. Katuwal, Hari, *Demand for Environmental Quality: An Empirical Evidence from Knowledge Attitude, Behavior, and Choice Experiment Survey* (Co-Chair; completed Summer 2012); **Employment:** Assistant Professor, Tarleton State University, [katuwal@tarleton.edu](mailto:katuwal@tarleton.edu)

12. Archambault, Steve, *Food Security in Developing Countries: Understanding the Relationships Between Dynamically Changing Social Systems and Natural Resource and Environmental Conditions*, (Chair ; Completed Summer 2012, *Distinction*); **Employment:** Assistant Professor, Don B. Huntley College of Agriculture, Cal-Poly Pomona. Claremont, California [sarchambault@cpp.edu](mailto:sarchambault@cpp.edu)

11. Price, James, *Responding to Natural Hazards: The Effects of Disaster on Residential Location Decisions and Health Outcomes*, (Chair; Completed Spring 2012, *Distinction*); **Employment:** Postdoctoral Research Fellow, EPA. [jamesprice672@gmail.com](mailto:jamesprice672@gmail.com)

10. Chary, Swaroop, *A New Approach to State Corporate Taxation*, (Chair; Completed Fall 2011); **Employment:** Senior Economist, N.M. Taxation and Revenue Department [Chary.Swaroop@state.nm.us](mailto:Chary.Swaroop@state.nm.us)

9. Koirala, Bishwa, *An analysis of energy efficiency regulations, climate amenity values and environmental Kuznets curve*; (Co-Chair ; Completed Spring 2010); **Employment:** Associate Professor:

Department of Economics, Finance and Decision Science, School of Business, University of North Carolina at Pembroke [bskoirala@gmail.com](mailto:bskoirala@gmail.com)

8. Milligan, Michael, *The Welfare Effects of International Remittance Income* (Chair ; Fall 2007- Spring 2009, *Distinction*); **Employment:** Economic Affairs Officer, United Nations Economic Commission for Europe [Michael.Milligan@unece.org](mailto:Michael.Milligan@unece.org)
7. Nepal, Mani, *Poverty, Inequality, Violent Conflict, and Welfare Loss: Micro-level evidence from Nepal*, (Chair ; Fall 2005 Spring 2007, *Distinction*); **Employment:** Research Program Manager, Sr. Environmental Economist, South Asian Network for Development and Environmental Economics (SANDEE), ICIMOD, Nepal [Mani.Nepal@bus.illinois.edu](mailto:Mani.Nepal@bus.illinois.edu)
6. Vasquez, William, *Assessing Development Strategies to Achieve the Millennium Development Goals in Guatemala*, (Co-Chair ; Fall 2005 Spring 2007); **Employment:** Professor, Economics Department, Fairfield University, Fairfield, CT [wvasquez@fairfield.edu](mailto:wvasquez@fairfield.edu)
5. Mozumder, Pallab, *Coping with a Natural Disaster: Understanding Household and Social Response*, (Co-Chair; Fall 2003 - Fall 2005); **Employment:** Professor, Department of Economics, Steven J. Green School of International & Public Affairs, Florida International University. [mozumder@fiu.edu](mailto:mozumder@fiu.edu)
4. Li, Hui, *Investigating households' willingness-to-pay for the Kyoto Protocol*, (Co-Chair ; January 2001 - October 2003); **Employment:** Senior Lecturer in Statistics and Econometrics, School of Mathematics, University of Birmingham, [h.li.4@bham.ac.uk](mailto:h.li.4@bham.ac.uk)
3. Moffett, Maurice, *Testing Principal Agent Hypotheses using the Hospital Quality Data*, (Co-Chair ; Spring 2001 - May 2002); **Employment:** Senior Economist, Actuarial & Economic Services, National Council for Compensation Insurance [Mark.Moffett@ncci.com](mailto:Mark.Moffett@ncci.com)
2. Islas-Camargo, Alejandro, *On the Measurement of Stock Market C-movement The Case of Latin America and the United States*, (Chair; Spring 1998 -March 2000); **Employment:** Professor, ITAM University, Mexico [aislas@itam.mx](mailto:aislas@itam.mx)
1. Groepler, Reinhold, *The New Mexico Economy, Econometric Modeling, Policy Analysis, and Forecast Decomposition*, (Chair; Spring 1992 - Spring 1995); **Employment:** Regional Economist, State of Washington [rgroepler@esd.wa.gov](mailto:rgroepler@esd.wa.gov)

## **PhD Dissertation as Committee Member**

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### Completed

28. Michael Hensley (Defended Spring 2020) | 27. Elmira Kalhor (Fall 2017- Spring 2019) | 26. Yingzhe Cheng (Fall 2014 - 2017) | 25. Chris Irwin (Fall 2014 - 2018) | 24. Bern C. Dealy (Fall 2012 - 2017) | 23. Mike Morrison (Fall 2011 - Spring 2013). | 22. Gwen Aldrich (Defended 2009) | 21. Tyler Prante (Defended 2010) | 20. Joe Little (Defended, Spring 2005) | 19. Luis Arregoces (Defended, Fall 2005) | 18. Emanuel Venezuela (Defended, Fall 2004) | 17. Teena Archuleta, (Completed July 2004) | 16. Kristin Hutchens, (June 1999- July 2004). | 15. Meghan Starbuck, (2001 - 2003). | 14. Mick Jones, (2002 - 2003). | 13. Pao Her, (1994 - December 2003). | 12. William Taylor, (1999- January 2002). | 11. Amy Watts, (1997 - 2001). | 10. Calvin Blackwell, (1999- Summer 2000). | 9. Therese Cavlovic, (1998 - Spring 2000). | 8. David Scrogin, (1997- Spring 1999). | 7. Ed Bloomdhal, (1994-Spring 1996). | 6. Mohamad Issa, (1994-Spring 1996). | 5. Awni Mufleh, (1992 - Spring 1995). | 4. Caribert Irazi, (1992 -

Fall 1994). | **3.** Thomas Brill, (1999- Spring 1993). | **2.** Carlos Ulibarri, (1998- 1992) | **1.** Abdullah Al-Azemi, (1997 - November 1991).

External Ph.D. Committee Member and Mentoring

**4.** Prakash Adhikari, Political Science UNM, (2011), **3.** Jeff Drope, Political Science, UNM, (2004) **2.** Eric Wibbels, Department of Political Science, UNM, (1999- 2000). **1.** Richard Birkey, College of Education, UNM (1991 – March 1994)

**PhD. Committee on Studies (COS): research paper requirement supervision as Chair or Committee Member**

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COS Chair

- 27.** Constanza Mier y Teran Ruesga (Wildfire Smoke and Vehicle Accidents) (Jan, 2024- )
- 26.** Nikhil Ganvir, “Women’s empowerment, Husband’s perception towards gender roles and Family planning in India.” (Defended in Fall, 2021).
- 25.** Thaneshwar Paneru, “Association between Water Source and Child Diarrhea: Evidence from Nepal,” (Defended Spring 2021)
- 24.** Niraj Khatiwada, "Understanding Household Preferences for Time and Monetary Contributions for Environmental Restoration: A Study from Danda River Basin in Nepal” (Defended September, 2019)
- 22.** Disha Shende, “Do Women with Genital Infections Face Higher Intimate Partner Violence? Study from Nepal,” (Defended May 2019)
- 21.** Mohammad Mashiur Rahman, “Health Status and Environmental attribute: Explaining self-reported and Actual Health Outcome in case of Coliform Contamination in Water by Escherichia Coli.” (Spring 2017 – March 2018).
- 20.** Muhammad Adnan Shahid (Spring 2016- ) “Microfinance Programs and its Impact on Women’s Welfare: A case study of Bahunipati Village, Nepal,” (Defended Fall 2018).
- 19.** Veeshan Rayamajhi\*, “Do voluntary associations reduce hunger? An empirical exploration of the social capital - food security nexus among food impoverished households in western Nepal,” (Spring 2015 – Fall 2017).
- 18.** Jamal Mamkhezri, “Air Pollution and Daily Count Death in Mexico City,” (Spring 2016 – Spring 2017).
- 17.** Samrat Kunwar\*, “Assessing the Impact of Climate on Farm Values in Nepal: A Ricardian Approach,” (Fall 2015 - Fall 2017).
- 16.** Kristina Piorkowski\*, “Passing the “Torches of Freedom”: An Investigation into Smoking Behaviors of Women in Nepal,” (Chair: Defended Fall 2015).
- 15.** Soumi R. Chowdhury\*, “Balance of Power, Domestic violence and Health Injuries: Evidence from Demographic and Health Survey of Nepal,” (Chair: Defended Fall 2015).



14. Jose Bucheli\*, “The Impact of a Rural Road Development Project on Multidimensional Poverty in Nepal,” (Chair Defended, Fall 2015).
  13. Naresh Nepal\*, “Public Values on Offshore Wind Farm,” (Chair; November 2012).
  12. Robert Fonner, “A RUM Approach to Internal Rural Migration Decisions during a Civil Conflict: The case of Nepal,” (Chair; November 2012).
  11. Menuka Karki\*, “Ethnic wage differential in Nepal: The cost of being Dalit,” (Chair; November 2012).
  10. Hari Katuwal\*, “Coping with Poor Water Supplies: Empirical Evidence from Kathmandu, Nepal,” (April 2012) (COS Chair, Dr. Thacher).
  9. Michael Milligan\*, “Assessing Willingness to Pay for Cancer Prevention,” (Chair; 2010).
  8. Bishwa Koirala\*, “Willingness to pay for improved quality of trekking in Manang, Nepal,” (Chair; 2010).
  7. Mani Nepal\*, “Investigating the Impact of Social Networks on Household Forest Conservation in Rural Nepal,” (Chair; 2009).
  6. Tylor Prante\*, “What Determines Homeland Security Spending? An Econometric Analysis of the Homeland Security Grant Program,” (July 2007, COS Chair, Dr. Berrens).
  5. Swaroop Chary\*, “Carbon Emissions, Energy Consumption, and Income in SAARC countries,” (Chair; December, 2008).
  4. William F. Vasquez\*, “Household Shocks, Child Labor, and Child Schooling: Evidence from Guatemala,” (Chair; 2009).
  3. Michael Hands, “Do Parties Matter? Economics, Politics, and Pollution,” (2008, COS Chair, Dr. Binder).
  2. John Talberth\*, “Economic Openness and Green GDP,” (Chair; 2007).
  1. Pallab Mozumder\*, “Is There an Environmental Kuznets Curve (EKC) for Biodiversity Loss?” (Chair; January, 2006).
- (\*: Joint publication in peer-reviewed journals.)

#### COS Member

8. Md. Atiqur Rahman (2019 – expected defense Spring, 2020) 7. Organ, Jake (January 2018 –January 2019) 6. Kalhor, Elmira (2017 - 2019) 5. Yilmaz, Siobhan (January 2017 - 2018) 4. Erwin, Christopher (Concludes Spring 2017) 3. He, Xuanhao (January 2017 – 2018) 2. McDermott, Glen (Concluded Spring 2017) 1. Joshi, Janak (Concluded Spring 2017).

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## **MASTERS THESIS AND MENTORING**

### **M.A. Thesis as Chair or Co-Chair**

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7. Brandon DeFlon, ““Using DAG structure to explain the factor causing waterborne illness in Siddharthanagar, Nepal.” (C0-Chair, Fall 2019 and Spring 2020). Department of Statistics.
6. Apsara Nepal, *Determinants of Healthcare Expenditure: A Case Study of Nepal*, (Chair, Fall 2007- Spring 2010).
5. Joe Church, *Forecasting New Mexico Income Tax Revenue Utilizing ARIMA, VAR, and Simultaneous Equation Models A Comparison*, (Chair, Spring 2007-Fall 2007).
4. Nafis Halim, *Maternal Education, Health Inputs and Child Health in Nepal*, (Chair, 2005-Fall 2007).
3. Henry Bruner, *Migration and the Environmental Kuznets Curve for U.S. Hazardous Waste Sites: A Micro Level Migration Model*, (Chair, Spring 199- July 1999).
2. Roger Bowden, *The Reduction of Estimation Risk in Modern Portfolio Models Time Series Modeling and Winsorization Techniques with Application to Japanese Yen Denominated Currency Portfolios*, (Chair, 1989- Fall 1992).
1. Catherine Leboulleux, (French exchange student), *Inflation Volatilities in the United States and in Germany: Use of the ARCH Models*, Thesis Defended in France, (Chair, 1991 - Spring 1992),

### **M.A. Thesis as Committee Member**

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5. Ryan Helton (July 2005) 4. Dolores Garcia, (Fall 2001-Fall 2003). 3. Sara Saulcy; (Spring 2000-Fall 2000). 2. Henry Brunner, *The Effect of Spatial Autocorrelation in Cross Sectional Models The Case of Immigration and Manufacturing Wage Inequality*, Geography, (Spring 1999- July 1999). 1. Joseph Malm, (Fall 1993).

### **Independent Study Supervision, Teaching, and Research Mentoring**

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#### Graduate Level Departmental Independent Studies

Kurt Shephard (Summer 2004); Hui Li, Gerald Hendrickson (Spring 2001); Alejandro Islas-Camargo, Geng Li, and Henry Brunner (Spring 1999); Melissa Lynch (Spring 1998); Therese Cavlovic (Spring 1998); Len Malczynski (Summer 1997); 7 graduate students (Spring 1992, Fall 1992, Fall 1991, Spring 1991, Fall 1990, Summer and Fall 1988); Advisement for 4 graduate students (1987).

#### Inter-departmental

Nafisa Halim, Sociology (Spring 2005), Preston Roberts, Graduate Student, Department of Statistics UNM, Independent Study Measuring Changes in Healthcare Outcome for Rural Women of Nepal using the Health and Demography Surveys 1996 versus 2001 (Spring 2004)

#### Graduate Fellowship Mentoring

- Institute for Public Policy Fellowships (IPPF), David Scrogin, (Spring 1998).
- IPPF, Amy Baker, (Spring 1998).
- IPPF, Len Malczynski, (Spring 1998).
- IPPF, Caroline Beer, Dept. of Political Science, (Spring 1997).

## **UNDERGRADUATE RESEARCH AND MENTORING**

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### **B.A. Honors Thesis as Chair**

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7. Spencer McBee (Completed Spring 2022 – Effectiveness of Covid Training Program)
6. Hannah Fritsch “Time of day air pollution pattern analysis from purple air sensor data, Siddharthanagar, Nepal” (Honors Thesis, Fall 2019, Spring 2020, Fall 2020, Completed 2021)
5. Daniel Rose “Understanding spatial variation of pollution patterns through geo-spatial mapping of data collected from purple air, Siddharthanagar, Nepal” ( Honors Thesis, Spring 2020, Fall 2020, Completed 2021)
4. Dennis Miller *Panel Data Analysis of US State Housing Demand: Effect of Google Search Sentiment (completed, 2015Fall)*.
3. Kristina Piorkowski (Fall 2012 – Spring 2013) *Approaches to Rural Health in Nepal*.
2. Patrick C. Ortiz, *Analysis of Guatemala Household Survey and Consumption Pattern*. (Chair, Spring 05, Summer 06).
1. Carl Mittendorf, *Economics of Corruption Detecting Multiple Equilibria*, (Chair, September 2001, Completed May 2002). (Resulted in a peer-reviewed publication.)

### **Undergraduate Independent Research Projects**

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4. Independent Study Group Project: Danda Ecological Monitoring Program (DEMP), Development of Environmental Dashboard (Spring 2019) showcase environmental monitoring data coming out of the citizen science monitoring sensors in Nepal: Hannah Fritsch, Geoffrey Scott Lawrence, Thomas Gerard Henderson, & Brian Olivas
3. Jesus Vasquez, 2017-2018, *Waste and Health Impact*.
2. Aaron Montano, 2017-2018 *Air Pollution and Health Impact*.
1. DeShawn Vaughan, 2017-2018 *Developing Sampling Weight for the 2016 Water Quality Survey, Siddharthanagar, Nepal*.

### **Research Opportunity Program (ROP) for undergraduate minority students**

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- High School Senior student mentoring, James Escobedo, (Spring 2014).
- ROP, Kenneth Tapia, (Summer 1999).
- ROP, Mat Garcia, (Summer 1999).

- ROP, Nancy N. Yanes-Shuster, (Summer 1998).
- ROP, Carmen J. Prado, (Summer 1995).

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## SERVICE

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### PROFESSIONAL

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#### Manuscript Review

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Managing online journal *Development Journal of the South*; Land Economics (2007); Policy Study Journal (March 2006 Special edition on Nafta, reviewed four papers); Land Economics (2006, 2005); Public Finance Review (2005); Empirical Economics (2004); Policy Studies Journal (2004); J of Agriculture and Resource Economics (2004); Land Economics (2004, 2003, 2002, 2001); EARE (2003, 2002); Quarterly Journal of Business and Economics (1987); Journal of Environmental Economics and Management (1999, 1987); Journal of Environmental Economics and Management, (1987, 1988, 1988, 1989, 1989); Southern Economic Journal (1996, 1995, 1992, 1991, 1990, 1989); Journal of International Economics (1990, 1991), North American Review of Economics and Finance (1990); Energy Journal (1991); Energy Systems and Policy (1992, 1991); American Economic Review (1997, 1992, 1991); ASEAN Economic Bulletin (1992); Applied Economics (1993) Journal of Economics (1993, 1992); Review of International Economics (1999, 1998, 1994); Economic Inquiry (2002, 2001, 1994); Contemporary Economic Policy (1996); Social Science Quarterly (1998, 1997); Regional Science Perspectives (1997); JARE (2000, 1998); JMCB (1999); J. of Comparative Economics (2000); Int. Reg. Science Rev (2000);

#### Book Manuscript review

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- Reviewed an econometrics book manuscript written by James H. Stock and Mark W. Watson Introduction to Econometrics, (2002).
- Reviewed 5 chapters of an econometrics manuscript, Econometrics Theory and Applications, by Sukesh Ghosh, Prentice Hall, (February 1989).
- Reviewed Learning and Practicing Econometrics, book prospectus by W.E. Griffiths, R.C. Hill, and G.G. Judge, for Prentice Hall, (November 1988).

#### External Reviewer for Tenure Packet

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- Dr. Nur-tegin, Political Science and Chair of Social Sciences and Humanities Wilkes Honors College of Florida Atlantic University (2012).
- Dr. Joel Heinen, Florida International University, (2008).
- Hamid Baghastani, Economic Institute, U. of Colorado, Boulder, (1994).

### DEPARTMENTAL

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#### Examination Committees

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Ph.D. and M.A. Econometrics Examination Committees, (Chair 2019 - ; Chair PhD until 2017; 2018

member) (2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005; Chair PhD MA 2004; Chair PhD MA 2003, Chair PhD MA 2002, Chair PhD MA 2001, Chair PhD MA 2000, Chair PhD 1999; Chair PhD 1998, Chair MA PhD 1997, Chair MA PhD 1996, Chair MA PhD 1995, Chair MA & PhD 1994, Chair PhD 1993, Chair MA 1990, Co-Chair MA Spring 1988). Comprehensive Examination Committee, (1990).

### **Standing Committees**

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- Salary Committee (2019 -).
- Personnel Committee (2017,2018).
- Graduate Studies Committee member (Fall 2012).
- Seminar Chair (Fall 2005, Spring 2006).
- Seminar committee (Fall 2004, Spring 2005).
- Salary Committee, (2008, 2007, 2006, 2004, 2003).
- Graduate Studies Committee, (2006, 2005, 2004, 2003, 1995, 1994, Drafted the first new version of the graduate handbook 1993, 1992, 1991).
- Personnel Committee, (Spring 2003, 2002, 2001).
- Undergraduate Committee, (2000, 1999, 1989, Chair 1991).

### **Ad-hoc Committees**

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- Graduate Review Committee, (Initiated and supported numerous changes in our graduate program as per the graduate program review 2000-2004, 2000, 1999, 1998, 1997, 1993).
- Hiring Committee, (2011; 2004/2005; 2002, 1996, 1994, 1993, 1992, 1990).
- Hiring Strategy, (Gave important inputs on our hiring strategies 1993).
- Undergraduate Recruitment Effort, (Took part twice in 2000 at the undergraduate fairs and a few times before that.).
- **Drafting of the Rules of Governance, (Co-Chaired and created the new Rules of Governance as per the graduate program review 2001, Coordinated and drafted the first Rules of Governance 1993).**
- Committee Tenure and Promotion Document, (Co-Chaired and took a leadership role in drafting the first T&P document 1999).
- Graduate and Undergraduate Major Catalogue Revision, (Chaired and revamped the whole catalogue 1994).
- Information Committee, (2000, Chair 1999, Homepage Sub-committee Chair 1998, 1997).
- Peer Review of Teaching Committee, (Chair 1998, 1997).
- Undergraduate Catalogue Committee, (1990).
- Planning Committee, (1990).
- Special Project Committee, (1991).
- Seminar Coordinator, (1999, 1990).
- Research Committee, (1993).
- Effective Undergraduate Organization, (Co-Chair 1989, 1990).
- ICES Committee, (1997, 1996).

## **COLLEGE AND UNIVERSITY-WIDE SERVICES**

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### **University-wide**

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- International initiative: As director of Nepal Study Center, helped UNM sign two MOUs (with

Kathmandu University and ICIMOD; UNM is an associate member of the 8-country Himalayan University Consortium; organized a Provost delegation to Nepal in 2009).

- Committee on UNM Geospatial Resources (Spring 2006 - 2007).
- Submitted two proposal (cluster idea Nepal Study Center and Conflict, Development, and Human Rights.) (Fall 2004).
- Internationalizing UNM Theme initiative (participated heavily; 2003- 2004).
- Sustainable Development Curriculum Initiative (Volunteered to take part and gave inputs and engaged in a long brainstorming session Jan 2004).
- Study Abroad Task Force, (Regular monthly meetings; 2004, 2003).
- International Studies Task Force, (2001).
- Deans Search Committee, (2002, 2001).
- Academic Freedom and Tenure Committee, (Co-chaired a case in 2000, 1999).
- University Faculty Senate, (Gave important inputs on the university-wide post tenure review process, and it was later adopted in the faculty handbook 1998, 1997, 1996, Fall 1994).
- Strategic Brainstorming Session, Provosts Office, (Invited to give inputs on the international initiatives 2000).
- Workshop on Graduate Education, Associate Provosts Initiative, (Volunteered to represent the department 2000).
- Recruitment Effort on behalf of UNM, Vice President for Students Affairs Initiative, (Gave lectures, showed video, and interacted with Campus Chiefs, students, and Deans in Nepal, Summer 2002).

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### College-wide

- Promotion and Tenure Committee, College of Arts and Sciences (Spring 2006-Spring 2008).
- Dean Reed and Vice Provost for Student Affairs recruitment initiative (from India), Task Force Member (November 2004).
- College of Arts and Sciences Junior Promotion and Tenure Committees, (2000, 1999, Fall 1995).
- Hiring Committee, (Department of Political Science 2000).

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## COMMUNITY

Board Member Women2Be (working to improve the lives of women of the developing countries to improve gender hygiene –menstruation), (2016 - ).

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## GLOBAL INITIATIVE

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### NEPAL STUDY CENTER

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Dr. Bohara was one of the first faculty participants at UNM to get involved in the international initiative of the University (Provost Brian Foster's call). In response to that call, he collaborated with various scholars (UNM and elsewhere) to establish a research center at UNM in 2005 –Nepal Study Center. It has gone global with various initiatives –research and graduate recruitment; annual conferences, international partnerships, and electronic portal. The latest initiative is to develop citizen science initiative in Siddharthanagar to promote global learning, research, public policy and awareness. Details are on the website: <http://nepalstudycenter.unm.edu/objectives.htm>

## Some Notable Accomplishments

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- Sustainable Development Action Lab: research analysis the classroom, and developing solutions for implementation on the ground (Citizen Science Initiative: tracking air pollution, water quality, river depth, weather, groundwater level etc.).
  - <http://nepalstudycenter.unm.edu/SustainableResearchLab/StudyAbroad.html>
- Development of an e-portal/dashboard to share citizen science sensor data for research, teaching, policy, and public awareness (in progress).
- Development of a STEM-based problem-based learning class [ECON 369].
- Formation of an interdisciplinary UNM Himalayan Climate Change Impact Initiative (Summer 2013) and NSF-funded travel trip (1915) to Nepal to help start an international research hub in Siddharthanagar, Nepal.
- Launched an initiative to start a peer-reviewed e-journal *Development Journal of the South* (Summer 2014) (Role: Chief Editor in collaboration with several scholars from various universities).
- NSC-sponsored HPRC Annual conferences at the University of Wisconsin's South Asia venue; 8th annual conference concluded in 2013.  
[http://nepalstudycenter.unm.edu/SeminarsWorkshopsConferences/HPRC\\_Conferences/HPRC\\_ConferencesMainHomePage.html](http://nepalstudycenter.unm.edu/SeminarsWorkshopsConferences/HPRC_Conferences/HPRC_ConferencesMainHomePage.html)
- Notable research output <http://nepalstudycenter.unm.edu/ResearchCapacity.htm>
- High level visits from both sides –UNM, Kathmandu University, and ICIMOD (International Center for Integrated Mountain Development).
- **NSC coordinated a visit to Nepal led by the UNM Provost to sign the two MOUs. (Kathmandu University and ICIMOD).**
- **UNM is an Associate member of the 8-country Himalayan University Consortium (HUC).**
- UNM's School of Medicine has a vibrant interactive program with the Kathmandu University's medical school (global health teaching and research initiative).
- Himalayan Study Abroad Program:  
<http://nepalstudycenter.unm.edu/SustainableResearchLab/StudyAbroad.html>
- NSC-UNM's branch office at Kathmandu University.

## Sustainable Development Action Lab

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The Sustainable Development Action Lab (SDAL) builds upon the field research track record of the Nepal Study Center (NSC), a South Asia focused research center at UNM, and its various doctoral research activities over the last several years. This is an interdisciplinary approach to research, learning and problem solving by bringing together the three disciplines: Natural Sciences, Social Sciences and Humanities. The lab trisects the whole learning process in three ways. First, using UNM's access to research platforms in Nepal –Lumbini Center for Sustainability, NSC's global research program gathers real world data (e.g., water and air quality data, geomatics maps of urban built-environment and ecosystems, household surveys, feasibility studies, health and sanitation, randomized control trial experiments). Second, an interdisciplinary graduate-undergraduate mentorship classroom lab at UNM (special topic course: Econ 369\* Problem-based Learning using Data Analytics) analyzes the baseline data rigorously and tries to come up with practical solutions that are implementable on the ground in Nepal (e.g., long-term scientific data monitoring programs; sustainable technologies; evidence-based policies; educational and awareness platforms including riparian bio-gallery, visual arts, Apps & e-portals; citizen science program; urban eco-systems and conservation; urban wildlife refuge). Third, the Himalayan Study Abroad Program and its community engaged research component provide students an opportunity to travel to Nepal to implement some of their solutions. This STEM project-based integrative

environment and linkages are strengthened every year as a cutting-edge learning platform for UNM and its Himalayan-based collaborators.

### **South-South Initiative**

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- Himalayan Research Paper Archive electronic portal to promote South-South interactions. A co-editorial board consists of scholars from the three continents –Asia, Africa, and the Americas. Bohara serves as an Editor. <http://nepalstudycenter.unm.edu/NSCWorkingPaperSeries.htm>
- The Seventh Annual Himalayan Policy Research Conference initiated a special session on South-South Development and Cooperation.
- In March 2012, Bohara was invited to e-coordinate and moderate a workshop organized by the ICIMOD. He also gave a keynote speech to the workshop participants via video-conferencing. Strengthening Research Capacity of the Hindu Kush Himalayan (HKH) universities and research institutions for promoting inclusive and innovative development in the HKH region. The workshop was sponsored by ICIMOD and IDRC and was attended by several well-known scholars from the region.