

BIBEK ACHARYA

Albuquerque, NM

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Professional Profile

Quantitative public policy researcher and Ph.D. candidate in Political Science with interdisciplinary training in economics, econometrics, and business. Experienced in program evaluation, causal inference, quasi-experimental research, administrative data analysis, survey research, and mixed-methods evaluation. Research focuses on workforce development, early childhood policy, international development, political accountability, and the allocation and effectiveness of public programs.

Education

The University of New Mexico <i>Ph.D. Candidate, Political Science</i>	Aug. 2020 – Present <i>Albuquerque, NM</i>
Concentrations: Comparative Politics and International Relations; research emphasis in public policy, international development, and quantitative methods.	
The University of New Mexico <i>M.A., Political Science</i>	2022 <i>Albuquerque, NM</i>
Concentration: Methods.	
The University of New Mexico <i>M.A., Economics</i>	2020 <i>Albuquerque, NM</i>
Concentrations: Development Economics and Econometrics.	
The University of Louisiana at Monroe <i>Master of Business Administration</i>	2017 <i>Monroe, LA</i>
Kathmandu University <i>Bachelor of Business Administration, Finance</i>	2013 <i>Lalitpur, Nepal</i>

Research & Quantitative Skills

Methods: Causal inference, quasi-experimental design, difference-in-differences, matching, regression analysis, interaction models, longitudinal analysis, program evaluation, survey methodology, mixed-methods research, time-series analysis
Statistical Programming: Stata, R, Python, SQL
Research Software: Qualtrics, NVivo, MAXQDA, Remark OMR
Data & Reporting: Excel, Tableau, L^AT_EX, Word, PowerPoint
Languages: English, Nepali, Hindi

Research & Policy Experience

Cradle to Career Policy Institute (CCPI), University of New Mexico <i>Research Assistant – Public Policy</i>	Oct. 2020 – Present <i>Albuquerque, NM</i>
- Conduct quantitative and mixed-methods research on early childhood, child care, workforce development, and social policy in New Mexico. - Apply econometric and quasi-experimental methods to evaluate public programs and estimate policy effects using administrative, longitudinal, and survey data. - Analyze child care provider participation, retention, entry, exit, licensed capacity, geographic patterns, and changes in provider characteristics over time. - Support evaluation of workforce-development programs using unemployment insurance, employment, and quarterly wage records. - Contribute to research designs using treatment-comparison frameworks, matching, difference-in-differences, regression analysis, and longitudinal approaches. - Develop survey and interview protocols; conduct and code interviews and focus groups with families, providers, and other stakeholders. - Prepare statistical tables, visualizations, policy summaries, research reports, and manuscripts for academic, government, and policy audiences. - Collaborate with interdisciplinary research teams and government partners on externally funded program evaluations.	
U.N.M. Department of Political Science <i>Graduate Research Assistant / Graduate Teaching Assistant</i>	Aug. 2020 – Present <i>Albuquerque, NM</i>
- Conduct quantitative research, survey design, data management, and statistical analysis for faculty-led projects. - Supported analysis of election administration and voting data in New Mexico and Florida. - Assisted with research on Bhutanese and Rohingya refugee resettlement, including public assistance, housing, employment, education, health, language, and civic engagement.	

- Designed and managed surveys using Qualtrics, digitized paper survey data, cleaned datasets, and contributed to collaborative reporting.
- Teaching experience includes Introduction to Political Analysis, National and Global Security, and Advanced Statistics for Social Research.

Graduate and Professional Student Association (GPSA)

Aug. 2020 – Dec. 2020

Student Support and Advocacy Chair

Albuquerque, NM

- Advocated for graduate and professional students and connected students with university and community resources.
- Created a Graduate Student Resource Guide and supported student navigation of funding and campus services.

Nepal Study Abroad Program, University of New Mexico

Dec. 2018 – Jan. 2019

Graduate Travel Assistant

Siddharthanagar, Nepal

- Supported undergraduate research projects on air quality, river water quality, groundwater monitoring, recycling, and community health.
- Assisted with environmental sensor installation, field data collection, and community outreach activities.

The University of Louisiana at Monroe

Aug. 2015 – May 2017

Teaching Assistant

Monroe, LA

- Supported instruction in computer literacy and economics courses and assisted faculty with applied research.

Selected Policy Evaluation Projects

New Mexico RESEA Evaluation | *Workforce Development / Unemployment Insurance*

2026

- Analyze claimant-level administrative and quarterly wage data to assess effects of the Eastern Area RESEA co-enrollment model on UI duration, employment, and earnings.
- Develop treatment and comparison groups, clean and merge multi-source datasets, and conduct descriptive, balance, and quasi-experimental analyses.

ECECD Wage and Career Ladder Evaluation | *Early Childhood Workforce Policy*

2026

- Contribute to the design of a quasi-experimental evaluation of a statewide wage-support initiative for home visitors and early intervention professionals.
- Assess comparison-group strategies and longitudinal methods including difference-in-differences and multilevel approaches.

New Mexico Child Care Supply and Provider Analysis | *Administrative Data*

2024–2026

- Analyze longitudinal provider records to measure participation, retention, capacity, entry, exit, and geographic change in New Mexico's child care system.

Dissertation & Thesis Research

Dissertation | *Department of Political Science, University of New Mexico*

In Progress

- **Title:** "Initiation and Impact of Multilateral Project: Evidence from the Rural Village Water Resources Management Project of Nepal."
- Examines political determinants and consequences of development-project allocation, with attention to political competition, local accountability, ethnic fractionalization, and distributive politics.

M.A. Thesis, Political Science | *University of New Mexico*

2023

- **Title:** "The Role of Social Capital in Civic Engagement: The Case of Resettled Refugees."

M.A. Thesis, Economics | *University of New Mexico*

2020

- **Title:** "Impact of Political Action Committee on Government Contracts."

Peer-Reviewed Publications

Early Childhood Research Quarterly

2025

- "Child care use, preferences and access constraints among Native American, immigrant, refugee and Spanish-speaking families in New Mexico." Co-author. *Early Childhood Research Quarterly*, 70, 393–403.

Children and Youth Services Review

2025

- "Why don't families apply for child care subsidies? Results from a survey of subsidy users and non-users in New Mexico." Co-author. *Children and Youth Services Review*, 108647.

Journal of Family and Economic Issues

2025

- "Family Perspectives on Childcare Subsidy Recertification in New Mexico: Barriers, Facilitators, and Implications for Family Stability." Co-author. *Journal of Family and Economic Issues*, 46(3), 935–953.

Journal of Health Care for the Poor and Underserved

2025

- "Social Interactions and Self-Reported Health Among Resettled Refugees." Co-author. *Journal of Health Care for the Poor and Underserved*, 36(3), 875–899.

Submitted Manuscripts

BMJ Open

Submitted 2026

- “Estimating Impacts of Home Visiting in New Mexico: The First Born and More Quasi-Experimental Study Protocol.” Co-author. Submitted to *BMJ Open*.

Conference Presentations

APPAM Fall Research Conference

2024

- “Family Perspectives on Child Care Subsidy Recertification in New Mexico.” Co-author.

APPAM Fall Research Conference

2023

- “Child Care Needs, Preferences and Barriers to Access for Families in Diverse Communities.” Co-author.

Selected Reports & Research Products

- *2022 Election Administration, Security, and Election Reform Selected Frequency Report.*
- *Examining the Impact of National and State Policy on Economically Vulnerable Children and Children of Color: A Study of New Mexico Child Care Expansion Policies.*
- *OPRE Quantitative Analysis: WIC Survey.*
- Research on child care access, family stability, subsidy recertification, and home-based child care in New Mexico.

Honors & Awards

2024: Zancada Graduate Fellowship, University of New Mexico

2022: NSSP/CTSP/CSHS National Security Summer Research Analysis Paper Award

2022–2023: Balch-Lindsay Memorial Graduate Scholarship

2022: Issa Sakaki Merrill Scholarship

2018–2020: Amigo Scholarship, University of New Mexico

Research Interests

Public policy; program evaluation; causal inference; international development; political accountability; distributive politics; workforce development; early childhood policy; comparative politics; survey methodology.