

SIRIG GURUNG

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EDUCATION

Stanford University 2023 – 2025
Non-Matriculated Graduate Student Stanford, CA

GPA: **4.20/4.00**

Coursework: Applied Matrix Theory, Graduate Econometrics III (Causal Inference), Independent Research Seminar

Amherst College 2017 – 2021
B.A. in Economics and Mathematics Amherst, MA
Magna Cum Laude with Distinction

GPA: **3.97/4.00**, Major GPA: **3.99/4.00**

RESEARCH EXPERIENCE

Predoctoral Research Fellow supervised by Prof. Melanie Morten July 2023 – June 2025
SIEPR, King Center on Global Development, Stanford University Stanford, CA

- Assist in the execution of Prof. Morten and Prof. Beatriz Magaloni-Kerpel's RCT in Mexico that randomizes H2-A visas to workers.
- Design and implement surveys for 800 participants and their families using SurveyCTO; ensure high-quality data collection by providing daily reports on data quality; collaborate closely with the field survey team to resolve on-site issues, ensuring smooth data collection.
- Process and analyze survey data in STATA, generating tables, figures and insights for the project's stakeholders and final publication.
- Traveled with the research team to participate in interviews with project partners and farm owners that hire H2-A workers; generated detailed meeting notes for documentation.

Predoctoral Research Fellow supervised by Prof. Jeremy Weinstein July 2023 – June 2025
SIEPR, King Center on Global Development, Stanford University Stanford, CA

- Lead the design and implementation of surveys in SurveyCTO across eight waves, targeting over 3,000 households with multiple participants per household; manage real-time data quality through high-frequency reports, enabling prompt adjustments while the survey was in the field.
- Created robust data pipelines that are replicable across survey waves; analyze complex survey data in R and compiled comprehensive reports presented to the full team of Principal Investigators (PIs) and partners.
- Engage in weekly meetings to refine survey instruments and adapt the analysis plan based on interim findings and field observations.

Research Assistant to Prof. Davin Chor July 2021 – June 2023
Tuck School of Business, Dartmouth College Hanover, NH

- Supported Prof. Davin Chor in International Trade and Political Economy research, contributing to the successful submission of four papers for publication since mid-2021.

- Conducted detailed analysis of firm, patent, and individual survey data using STATA and R; employed Python for web scraping and GIS tools to develop novel datasets on academic citation patterns.
- Synthesized recent advancements in the Trade literature to contextualize and position ongoing research efforts.

Research Assistant

INCITE, Columbia University

Summer 2020

New York City, NY

- Cleaned, analyzed, and visualized survey data from Nepali guest worker migrants in Gulf countries using R.
- Investigated the trade-offs between migrant assimilation and post-migration family life quality, drawing insights from the survey data.
- Conducted comparative analyses of migrant outcomes across other South Asian countries, linking the research to established contexts in the field.

WORK EXPERIENCE

Math Fellow and Grader

Amherst College

2018 – 2021

Amherst, MA

- Assisted in teaching and grading for courses such as Real Analysis, Probability Theory, Network Theory, Cryptography, Linear Algebra and Calculus II.
- Led 4-6 hours of weekly office hours, providing support for problem sets and exam preparation.

Economics Department Teaching Fellow

Amherst College

2018 – 2019

Amherst, MA

- Conducted 4-6 hours of weekly, walk-in office hours for Intro to Economics, Intermediate Microeconomics, Macroeconomics, and Econometrics courses, guiding students through complex concepts and assignments.

RESEARCH

Bernard, A. B., Bøler, E. A., Chor, D., **Gurung, S.**, Lu, W. “The Great Firewall and Knowledge Diffusion” Draft.

Gurung, S. “International Spillovers of Surprise Monetary Policy: India’s Demonetization and the Nepali Economy” Undergraduate Thesis.

AWARDS

2020 Economics Department Junior Class Prize (Amherst College)

2020 Walker Teaching Award (Amherst College)

SKILLS

Programming

Python, R, STATA, HTML, JavaScript

Software

L^AT_EX, SurveyCTO

Languages

English (Native), Nepali (Native), Hindi (Proficient), Spanish (Proficient)