SIRIG GURUNG

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EDUCATION

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

GPA: **4.30/4.00**
Coursework: Applied Matrix Theory, Graduate Econometrics III (Causal Inference)

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

GPA: **3.93/4.00**, Major GPA: **3.95/4.00**

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 in 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 operations.

- 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 and report on real-time data quality through high-frequency reporting, enabling prompt adjustments when the survey is 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   Summer 2020
INCITE, Columbia University   *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   2018 – 2021
Amherst College   *Amherst, MA*

- Assisted in teaching and grading for courses including 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   2018 – 2019
Amherst College   *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	LaTeX, SurveyCTO
Languages	English (Native), Nepali (Native), Hindi (Proficient), Spanish (Proficient)