

Prasiddha (Sid) Shakya

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Education

PhD in Economics (Terminal Master Awarded 2022) <i>Colorado State University (CSU), CO</i>	Aug 2020 – May 2025
B.S., Major in Mathematics, Minor in Economics and Computer Science <i>Ramapo College of New Jersey (RCNJ), NJ</i> <i>Full-Tuition Presidential Scholarship Recipient</i>	May 2020
Semester Abroad <i>The American College of Greece (ACG), Athens</i>	Fall 2018

Skills

Programming/Scripting Language: C++, Python, SQL, R
Other Software: EViews, STATA, SAS

Working Papers

What Happens When We Pay Our Teachers More? Evidence from New Jersey Public Schools
Bridging the Gap to Access? Impact of Pre-Collegiate Summer Program on College Outcomes
How Much Did COVID Impact College Outcomes for High-Schoolers Studying Remote?

Work Experience

Summer Researcher Summer 2024
Colorado State University Extension, Fort Collins, CO

- Developed an Input-Output Model from scratch to evaluate the economic impact of the Ute Theatre in Garfield County, CO.

Graduate Researcher Fall 2021 – Current
Institute for Research in Social Sciences (IRISS), Colorado State University, Fort Collins, CO

- Provide quantitative support (data analysis) for different projects undertaken by IRISS on an ad-hoc basis.
- Most common projects included Social Network Analysis (SNA), designing surveys, and causal-inference. Software used: R, STATA.

Summer Instructor Summer 2023 – Current
TRIO Access Center, Colorado State University, Fort Collins, CO

- Developed and taught a six-week curriculum on Theoretical Physics for CSU's Upward Bound high school students. Topics included general relativity, Hawking's radiation, quantum physics phenomena, etc., while minimizing the math required to approach these topics (Summer 2023).

- Developed and taught a six-week curriculum on Probability in Card Games for CSU's Upward Bound high school students. Topics included conditional probability, permutations, combinations, and strategies used in different versions of poker like games.(Summer 2024).

Summer Associate (Operations Team)

Summer 2019

Teach for America (TFA) NYC Institute, Manhattan, NY

- Analyzed teaching effectiveness and conducted surveys each week to assess the effectiveness of corps members, School Operations Directors, and Mentor Teachers.
- Managed logistical operations pertaining for the residential part of the Summer program

Data Analysis Intern

Fall 2018

Student Academic Support and Services (SASS), The American College of Greece, Athens, Greece

- Created weekly reports for the SASS department at ACG using Python, R-Shiny and Excel.
- Analyzed courses and subjects with the highest appointment traffic and monitored tutor effectiveness. Presented an end of semester case study reporting tutor effectiveness and most demanded courses to help SASS plan future course offerings

Full-Time Teaching Assistant/Counselor

Summer 2017, 2018

Upward Bound Program, Mahwah, NJ

- Assisted in teaching Calculus, App Development (C++), Geometry, and Number Sense classes.
- Enforced program policies while also leading and conducting different residential activities to foster bonding and student development.

UN Global Health Fellow

Fall 2017

UN Foundations (UNA-USA), DC

- Wrote policy briefs to present to local state governance in New Jersey.
- Completed eight webinar sessions on the impact of non-profit grassroots organizations on global health issues as part of the 2017 Global Health Fellowship Program. .

Courses Taught (College Level)

Taught as a Primary Instructor:

Intermediate Macroeconomics (ECON 304), Colorado State University

six times- 2 sections each semester: Fall 2023, Spring 2023, and Fall 2024)

Working with Data (ECON 235)

Colorado State University (two times- one section each summer: Summer 2023 and Summer 2024)

Economics PhD Math Camp, Colorado State University

9-hour crash course for incoming PhD students in Economics and Agricultural and Resource Economics department. Summer taughts: Summer 2022, Summer 2023, Summer 2024

Taught as a recitation lead/teaching assistant:

Teaching Assistant

Fall, Spring 2022 – 2023

Intermediate Macroeconomics (ECON 304), 4 sections

Teaching Assistant and Recitation Instructor

Fall, Spring 2020 – 2022

Principles of Macroeconomics (two sections) and Microeconomics (two sections)

Policy Relevant Paper

Shakya, P., & Gonpu, G. P. (2021). Impact of Remittances on Economic Growth in Nepal. *Nepal Public Policy Review*, 1, 31–47.

<https://doi.org/10.3126/nppr.v1i1.43419>

Research Project for Environmental Defense Fund:

Luxton, I., Ellis, E., Arnold, P., Shakya, P., Lee, J., Ravetta, E., Toombs, T., Mook, A., & Cross, J. (2023, September). Agricultural conservation networks in Iowa. *Mountain Scholar*.

<https://hdl.handle.net/10217/237523>