

Sayorn Chin

Doctoral Candidate
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Education

Colorado State University

Doctor of Philosophy in Economics
Master of Arts in Economics

Anticipated Summer 2023
Dec. 2019

Colorado College

Bachelor of Arts in Mathematical Economics

May 2017

Research Interests

Research Fields

Applied Microeconomics, Health Economics, Public Economics, Labour Economics

Topics of Interest

Health and Social Inequality, Longitudinal Data Analysis, Applied Machine Learning

Research

Working Papers

Miller, R., **Chin, S.**, & Sedai, A.K. The Welfare Cost of Late-life Depression. Invited to Revise and Resubmit at the *Journal of Economic Behavior and Organization* 📄

Chin, S., & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans. In Preparation for a Submission to the *Review of Economic Dynamics*

Works in Progress

Zahran, S., & **Chin, S.** Quantifying the Labour Market Price of Moral Values: Evidence from Occupational Switching

Chin, S., & Miller, R. The Effect of Unemployment Insurance on the Depression Impact of Unemployment

Chin, S., & Zahran, S. Daylight Saving Time and Population Well-Being

Mushinski, D., & **Chin, S.** Measuring Bias in the Difference-in-Differences Estimator due to Changing Marginal Distributions of Unobserved Variables

Sedai, A.K., & **Chin, S.** Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India

Teaching Experience

Colorado State University*

Graduate Teaching Instructor

Jul. 2020 — Present

2022	RI	ECON 202: Principles of Microeconomics
2022	OL	ECON 306: Intermediate Microeconomics
2022	OL	ECON 202: Principles of Microeconomics
2021	OL	ECON 460: Economic Development
2021	OL	ECON 306: Intermediate Microeconomics
2020	RI	ECON 304: Intermediate Macroeconomics
2020	OL	ECON 202: Principles of Microeconomics

Graduate Teaching Assistant

Aug. 2017 — May 2020

2020	RI	ECON 204: Principles of Macroeconomics
2019	RI	ECON 202: Principles of Microeconomics
2019	RI	ECON 204: Principles of Macroeconomics
2018	RI	ECON 204: Principles of Macroeconomics
2017	RI	ECON 202: Principles of Microeconomics

Other Employment Experience

Mountain Data Group

Data Scientist

Jan. 2022 — Present

Data Science Intern

May 2021 — Dec. 2021

Colorado College Quantitative Reasoning Center

Research Analyst Intern

Jan. 2016 — May 2016

Honors & Awards

Winner of \$5,500 Prize for the Graduate Research Assistantship Award from the Department of Economics at Colorado State University, 2022.

Served as a Competition Committee Member for the AFIT-AFEE 17th Annual Student Scholars Award Competition, 2022.

Winner of \$300 Prize for Best Paper Award from the AFIT-AFEE 16th Annual Student Scholars Award Competition, 2021.

Awarded \$312,320 in Financial Aid based on Academic Merit from Colorado College, 2013.

Awarded \$80,000 in Financial Aid based on Academic Merit from the Davis United World College Scholars, 2013.

Winner of \$386,114 Prize by Being the First Candidate to Win a Five-Years United World College of South East Asia Cambodian Student Scholarship Competition, 2008.

*Notes: OL = Online, RI = In Resident.

Conference Presentations

2021 The Western Social Science Association's 63rd Annual Virtual Conference

Professional Affiliations

American Economic Association, American Society of Health Economists

Data Science Related Certifications[†]

Tools for Data Science • Data Science Methodology • Statistics Essential for Data Science • Programming Fundamental • R Programming for Data Science • Python for Data Science • Python for Data Science, AI Development • Python Project for Data Science • Databases and SQL for Data Science with Python • Data Visualization with Python • Data Analysis with Python • Machine Learning with Python

Programming & Version Control

Python • R • Stata • MySQL • Git • GitHub

References

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Professor of Demography
Department of Economics
Colorado State University
Professor of Epidemiology
Department of Epidemiology
Colorado School of Public Health
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Ray Miller, Ph.D.
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[†]Notes: More information about my credentials, please visit: www.credly.com/users/sayorn-chin.