

Sayorn Chin

Doctoral Student
Department of Economics
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Education

Colorado State University

Doctor of Philosophy in Economics

Anticipated Summer 2023

Master of Arts in Economics

Dec. 2019

Colorado College

Bachelor of Arts in Mathematical Economics

May 2017

Research Interests

Research Fields

Applied Microeconomics, Health Economics, Public Economics

Topics of Interest

Health Policy, 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. Revise and Resubmit at *Journal of Economic Behavior and Organization* 📄

Chin, S., & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans. Submitted to *Review of Economic Dynamics*

Works in Progress

Zahran, S., & **Chin, S.** Quantifying the Labour Market Price of Distress: 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 Switching

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

July 2020 — Present

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, Graduate Research Assistantship Award, Department of Economics, Colorado State University, 2022

Competition Committee Member, The AFIT-AFEE 17th Annual Student Scholars Award Competition, 2022

Winner of \$300 Prize, The AFIT-AFEE 16th Annual Student Scholars Award Competition, 2021

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

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

Winner of \$386,114 Prize, Five-Year United World College of South East Asia Cambodian Student Scholarship Competition, 2008

*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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[†]For more information about my credentials, please visit: www.credly.com/users/sayorn-chin