

Sayorn Chin

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Department of Economics
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Education

Colorado State University

Doctor of Philosophy in Economics
Master of Arts in Economics

Anticipated 2023
Dec. 2019

Colorado College

Bachelor of Arts in Mathematical Economics

May 2017

Research Interests

Research Fields

Applied Microeconomics, Health Economics, Public Economics, Labor Economics

Topics of Interest

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

Teaching Experience

Colorado State University*

Graduate Teaching Instructor

Jul. 2020 — Present

2022	RI	ECON 202: Principles of Microeconomics (2 Sections)
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	HY	ECON 304: Intermediate Macroeconomics (2 Sections)
2020	OL	ECON 202: Principles of Microeconomics

Graduate Teaching Assistant


Aug. 2017 — May 2020

2020	RI	ECON 204: Principles of Macroeconomics (3 Sections)
2019	RI	ECON 202: Principles of Microeconomics (3 Sections)
2019	RI	ECON 204: Principles of Macroeconomics (3 Sections)
2018	RI	ECON 204: Principles of Macroeconomics (3 Sections)
2017	RI	ECON 202: Principles of Microeconomics (3 Sections)


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

Research

Publications

“The Welfare Cost of Late-life Depression” coauthored with Ray Miller and Ashish Kumar Sedai (Forthcoming, *Journal of Economic Behavior and Organization*) 

Working Papers

“Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans” coauthored with Ray Miller (In Preparation for a Submission to the *Review of Economic Dynamics*) 

Works in Progress

“Neighborhood Violence and Infant Health: The Causal Effect of Crime on Infant Birth Outcomes”

“Quantifying the Labor Market Price of Moral Values: Evidence from Occupational Switching” coauthored with Sammy Zahran

“Daylight Saving Time and Population Well-Being” coauthored with Sammy Zahran

“The Effect of Unemployment Insurance on the Depression Impact of Unemployment” coauthored with Ray Miller

“Measuring Bias in the Difference-in-Differences Estimator due to Changing Marginal Distributions of Unobserved Variables” coauthored with David Mushinski

“Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India” coauthored with Ashish Kumar Sedai

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.

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

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

References

Sammy Zahran, Ph.D. (Dissertation Advisor)
Professor of Demography
Department of Economics
Colorado State University
Professor of Epidemiology
Department of Epidemiology
Colorado School of Public Health
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Anders Fremstad, Ph.D. (Teaching Reference)
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