Sayorn Chin

Ph.D. Candidate
Department of Economics
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Education

Colorado State University

Doctor of Philosophy in Economics	*Anticipated 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, Labor Economics

Topics of Interest

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

Research

Publications

Miller, R., **Chin, S**., & Sedai, A.K. (Forthcoming). The Welfare Cost of Late–life Depression. *Journal of Economic Behavior and Organization* 🔗

Working Papers

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

Chin, S. Neighborhood Violence and Infant Health: The Causal Effect of Crime on Infant Birth Outcomes

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

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

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

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	HY	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.

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

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

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

References

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