Sayorn Chin

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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, 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

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

Sammy Zahran, Ph.D.
Professor of Demography
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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Ray Miller, Ph.D.
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[†]*Notes:* More information about my credentials, please visit: **www.credly.com/users/sayorn-chin**.