

Sayorn Chin

Ph.D. Candidate
Data Scientist

C306 Clark Building
Department of Economics
Colorado State University
1771 Campus Delivery
Fort Collins, CO 80523-1771

 (970) 690-3209
 Sayorn.Chin@ColoState.edu
 [schinlfc](#)
 [sayorn-chin](#)
 [schinlfc.github.io](#)

Last updated: January 18, 2022

Education

Colorado State University

Doctor of Philosophy in Econometrics and Quantitative 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 • Development Economics

Topics of Interest

Health Policy • Health and Social Inequality • Longitudinal Data Analysis • Applied Machine Learning

Teaching Experience

Department of Economics, Colorado State University

Graduate Teaching Instructor

July 2020 — Present

2022	OL	ECON306: Intermediate Microeconomics
2022	OL	ECON202: Principles of Microeconomics
2021	OL	ECON460: Economic Development
2021	OL	ECON306: Intermediate Microeconomics
2020	RI	ECON304: Intermediate Macroeconomics
2020	OL	ECON202: Principles of Microeconomics

2020	RI	ECON204: Principles of Macroeconomics
2019	RI	ECON202: Principles of Microeconomics
2019	RI	ECON204: Principles of Macroeconomics
2018	RI	ECON204: Principles of Macroeconomics
2017	RI	ECON202: Principles of Microeconomics

Research

Working Papers

Miller, R., **Chin, S.**, & Sedai, A.K. The Welfare Cost of Late-life Depression 

Work in Progress

Chin, S., & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans

Chin, S. Physician Behavior, Tort Reform and Defensive Medicine Revisited: An Investigation of Cesarean Deliveries

Chin, S. Daylight Saving Time Transitions and Expressed Sentiment: Evidence from Twitter

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

Honors & Awards

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

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 Employment Experience

Mountain Data Group

Data Scientist

Jan. 2022 — Present

Data Science Intern

May 2021 — Dec. 2021

Other Employment Experience

Colorado College Finance & Administration

Finance Assistant

Feb. 2016 — Jan. 2017

Colorado College Quantitative Reasoning Center

Research Analyst Intern

Jan. 2016 — May 2016

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

Software Proficiency

Python Programming • R Programming • MySQL • L^AT_EX

References

Sammy Zahran, Ph.D.

Professor of Demography

Professor of Epidemiology

Department of Economics

Colorado State University

Department of Epidemiology

Colorado School of Public Health

Sammy.Zahran@ColoState.edu

David Mushinski, Ph.D.

Professor of Economics

Department of Economics

Colorado State University

David.Mushinski@ColoState.edu

Ray Miller, Ph.D.

Assistant Professor of Economics

Department of Economics

Colorado State University

Assistant Professor

Colorado School of Public Health

Ray.Miller@ColoState.edu

Chris Sloodmaker, Ph.D.

Lead Data Scientist

Mountain Data Group

Chris.Sloodmaker@MountainDataGroup.com

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