Sayorn **Chin**

Ph.D. Candidate · Data Scientist

Colorado State University
Department of Economics
1771 Campus Delivery
Fort Collins, CO 80523

(970) 690-3209 | Sayorn.Chin@ColoState.edu | schinlfc.github.io | schinlfc | sayorn-chin | @ChinSayorn

Education

Colorado State University	*Fort Collins, CO, USA*
Ph.D., Econometrics and Quantitative Economics	*Expected 2023*
M.A., Economics	*2019*
Colorado College	*Colorado Springs, CO, USA*
B.A., Mathematical Economics	*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

Data Science Experience

Mountain Data Group	*Fort Collins, CO, USA*
Data Scientist	*Jan. 2022 — PRESENT*
Data Science Intern	*May 2021 — Dec. 2021*

Teaching Experience

Colorado State University	*Fort Collins, CO, USA*
Graduate Teaching Instructor	*Jul. 2020 — PRESENT*

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

Graduate Teaching Assistant	*Aug. 2017 — May 2020*

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. **PDF**

Work in Progress

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

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

Chin, S., Zahran, S., & Mushinski, D. 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

2021	**Winner ($300 Prize),** The AFIT–AFEE 16th Annual Student Scholars Award Competition
2017	**Awarded $312,320 in Financial Aid Based on Academic Merit,** Colorado College
2017	**Awarded $80,000 in Financial Aid Based on Academic Merit,** The Davis United World College Scholars
2008	**Winner ($386,114 Prize),** Five–Year United World College of South East Asia Student Scholarship Competition

Conference Presentations

The Western Social Science Association   *Virtual*

Presenter for <Conspicuous Consumption: Economic Impacts and Expenditure Tax>   *2021*

Professional Affiliations

American Economic Association, American Society of Health Economists

Skills

Software Proficiency   Python Programming, R Programming, MySQL, Tableau, LaTeX

Certifications   Postgraduate Program in Data Science from Purdue University, IBM Data Science Professional Certificate

Languages   English, Khmer

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 Slootmaker, Ph.D.
Lead Data Scientist
Mountain Data Group
Chris.Slootmaker@MountainDataGroup.com