

# Sayorn Chin

Ph.D. Candidate

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

 (970) 690-3209  
 [Sayorn.Chin@ColoState.edu](mailto: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

## 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 17<sup>th</sup> Annual Student Scholars Award Competition, 2022

Winner of \$300 Prize, The AFIT-AFEE 16<sup>th</sup> 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

## 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

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

## Conference Presentations

2021     The Western Social Science Association's 63<sup>rd</sup> 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<sup>A</sup>T<sub>E</sub>X

## 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](mailto:Sammy.Zahran@ColoState.edu)

**David Mushinski**, Ph.D.  
Professor of Economics  
Department of Economics  
Colorado State University  
[David.Mushinski@ColoState.edu](mailto: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](mailto:Ray.Miller@ColoState.edu)

**Chris Sloodmaker**, Ph.D.  
Lead Data Scientist  
Mountain Data Group  
[Chris.Sloodmaker@MountainDataGroup.com](mailto:Chris.Sloodmaker@MountainDataGroup.com)

---

\*For more information about my credentials, please visit: [www.credly.com/users/sayorn-chin](http://www.credly.com/users/sayorn-chin).