

# Sayorn Chin

Doctoral Candidate  
Department of Economics  
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## Education

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### Colorado State University

Doctor of Philosophy in Economics  
Master of Arts in Economics

*Anticipated Summer 2023*  
*Dec. 2019*

### Colorado College

Bachelor of Arts in Mathematical Economics

*May 2017*

## Research Interests

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### Research Fields

Applied Microeconomics, Health Economics, Public Economics, Labour Economics

### Topics of Interest


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

## Research

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### Working Papers

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

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### 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

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### 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

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

Winner of \$300 Prize for Best Paper Award from the AFIT-AFEE 16<sup>th</sup> 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.

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\*Notes: OL = Online, RI = In Resident.

## Conference Presentations

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2021     The Western Social Science Association's 63<sup>rd</sup> Annual Virtual Conference

## Professional Affiliations

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American Economic Association, American Society of Health Economists

## Data Science Related Certifications<sup>†</sup>

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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

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Python • R • Stata • MySQL • Git • GitHub

## References

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**Sammy Zahran**, Ph.D.  
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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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<sup>†</sup>Notes: More information about my credentials, please visit: [www.credly.com/users/sayorn-chin](https://www.credly.com/users/sayorn-chin).