

# Sayorn Chin

Ph.D. Candidate  
Department of Economics  
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## Education

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### Colorado State University

Doctor of Philosophy in Economics

*Anticipated 2023*

Master of Arts in Economics

*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, Labor Economics


### Topics of Interest

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


## Research

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### Publications

Miller, R., **Chin, S.**, & Sedai, A.K. (Forthcoming). The Welfare Cost of Late-life Depression. *Journal of Economic Behavior and Organization* 

### Working Papers

**Chin, S.**, & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans. In Preparation for a Submission to the *Review of Economic Dynamics* 

### Works in Progress

Zahran, S., & **Chin, S.** Quantifying the Labor Market Price of Moral Values: Evidence from Occupational Switching

**Chin, S.**, & Zahran, S. Daylight Saving Time and Population Well-Being

**Chin, S.**, & Miller, R. The Effect of Unemployment Insurance on the Depression Impact of Unemployment

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	HY	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.

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

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.

## 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 Related Certifications<sup>†</sup> \_\_\_\_\_

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

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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).

## References

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**Sammy Zahran**, Ph.D. (Dissertation Advisor)  
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Department of Economics  
Colorado State University  
Professor of Epidemiology  
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