

# Sayorn Chin

Ph.D. Candidate  
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## Education

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### Colorado State University

Doctor of Philosophy in Economics (ABD) *Expected 2023*  
Dissertation Title: "Three Essays on Health and Inequality"  
Committee: Dr. Sammy Zahran (Advisor), Dr. David Mushinski (Co-Advisor), Dr. Ray Miller  
Master of Arts in Economics *Dec. 2019*

### Colorado College

Bachelor of Arts in Mathematical Economics *May 2017*

## Research and Teaching Interests

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### Research Fields

Applied Microeconomics, Applied Macroeconomics, Health Economics, Public Economics

### Teaching Areas

Microeconomics, Macroeconomics, Economic Development, Health Economics, Econometrics,  
Welfare/Public Economics, Demographics

## Teaching Experience

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### Colorado State University

Graduate Teaching Instructor *Jul. 2020 — Present*

2022	Fall	ECON 202: Principles of Microeconomics (2 Sections)
2022	Spring	ECON 306: Intermediate Microeconomics
2022	Spring	ECON 202: Principles of Microeconomics
2021	Fall	ECON 460: Economic Development
2021	Fall	ECON 306: Intermediate Microeconomics
2021	Spring	ECON 304: Intermediate Microeconomics (2 Sections)
2020	Fall	ECON 202: Principles of Macroeconomics (2 Sections)
2020	Summer	ECON 202: Principles of Microeconomics

## Graduate Teaching Assistant

Aug. 2017 — May 2020

2020	Spring	ECON 204: Principles of Macroeconomics (3 Sections)
2019	Fall	ECON 204: Principles of Microeconomics (3 Sections)
2019	Spring	ECON 202: Principles of Macroeconomics (3 Sections)
2018	Fall	ECON 204: Principles of Macroeconomics (3 Sections)
2018	Spring	ECON 204: Principles of Macroeconomics (3 Sections)
2017	Fall	ECON 202: Principles of Microeconomics (3 Sections)

## Research

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### Publications

“The Welfare Cost of Late-life Depression” (joint with Ray Miller and Ashish Kumar Sedai), *Journal of Economic Behavior and Organization*, forthcoming

### Working Papers

“Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans” (joint with Ray Miller), *Review of Economic Dynamics*, journal target

### Works in Progress

“Neighborhood Violence and Infant Health: The Causal Effect of Crime on Infant Birth Outcomes”

“Quantifying the Labor Market Price of Moral Values: Evidence from Occupational Switching” (joint with Sammy Zahran)

“Machine Learning and Natural Language Processing in Population Well-Being: An Application to Daylight Saving Time” (joint with Sammy Zahran)

“The Effect of Unemployment Insurance on the Depression Impact of Job Loss” (joint with Ray Miller)

“Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India” (joint with Ashish Kumar Sedai)

## 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

## 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

## Programming & Version Control

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Python • R • MySQL • Git/GitHub

## References

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**Sammy Zahran**, Ph.D. (Advisor)  
Professor of Demography  
Department of Economics  
Colorado State University  
Professor of Epidemiology  
Department of Epidemiology  
Colorado School of Public Health  
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**Anders Fremstad**, Ph.D. (Teaching Reference)  
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Colorado State University  
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**Ray Miller**, Ph.D.  
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