

# Sayorn Chin

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## Education

Ph.D. Econometrics and Quantitative Economics, Colorado State University, Expected Spring 2023

*Dissertation Title:* Three Essays in Health and Welfare Economics

M.A. Economics, Colorado State University, 2019

B.A. Econometrics and Quantitative Economics, Colorado College, 2017

## Certificates

Postgraduate Program in Data Science from Purdue University, 2022

IBM Data Science Professional Certificate, 2022

## Research Fields

Applied Microeconomics, Health, Public, Welfare, Development, and Population Economics

## Topics of Interest

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

## Employment Experience

Data Scientist, Mountain Data Group, Jan 2022 – Present

Data Science Intern, Mountain Data Group, May 2021 – Dec 2021

Graduate Teaching Instructor, Colorado State University, July 2020 – present

Graduate Teaching Assistant, Colorado State University, Aug 2017 – May 2020

## Teaching Experience

### Graduate Teaching Instructor

Economic Development  
Intermediate Microeconomics  
Principle of Microeconomics

### Graduate Teaching Assistant

Principle of Macroeconomics  
Introduction to Econometrics  
Principle of Microeconomics

## Research

### Working Papers

Miller, R., Chin, S., & Sedai, A.K. The Welfare Cost of Late-life Depression. [PDF](#)

### Manuscripts in Preparation

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

### Work in Progress

Mudenda, L.D., Perry, T., & Chin, S. Household Financial Insecurity and Parental Time Investments: Empirical Evidence from the Gendered and Racial Analysis in the United States  
Sedai, A.K., & Chin, S. Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India

## Honors, Awards, and Fellowships

Competition committee member for the Association for Institutional Thought and the Association for Evolutionary Economics 17th Annual Student Scholars Award Competition, 2022. More info available [here](#)

Winner of the Association for Institutional Economics and Association for Evolutionary Economics 16<sup>th</sup> Annual Student Scholars Award, 2021. More info available [here](#)

Awarded a full financial aid [USD 312,320] to attend Colorado College based on academic merit

Awarded USD 80,000 from the Davis United World College Scholars to attend Colorado College. More info available [here](#)

Participated and won a five-years scholarship to attend the United World College of Southeast Asia. More info available [here](#)

## Conference Presentations

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

## Professional Affiliations

*Member of:* American Economic Association, American Society of Health Economists

## Software Proficiency

Python Programming, R Programming, MySQL, Tableau, L<sup>A</sup>T<sub>E</sub>X

## References

**Sammy Zahran**, Ph.D.

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**Ray Miller**, Ph.D.

Assistant Professor of Economics

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Adjunct Assistant Professor

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