

# Sayorn Chin

Colorado State University

Department of Economics

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## Education

### Colorado State University

Fort Collins, CO, USA

PH.D., ECONOMETRICS AND QUANTITATIVE ECONOMICS

Anticipated 2023

M.A., ECONOMICS

2019

### Colorado College

Colorado Springs, CO, USA

B.A., MATHEMATICAL ECONOMICS

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

## Teaching Experience

### Department of Economics, Colorado State University

Fort Collins, CO, USA

#### GRADUATE TEACHING INSTRUCTOR

Jul. 2020 — PRESENT

2022 ECON 306: Intermediate Microeconomics  
2022 ECON 202: Principles of Microeconomics  
2021 ECON 306: Intermediate Microeconomics  
2021 ECON 460: Economic Development  
2020 ECON 304: Intermediate Macroeconomics  
2020 ECON 202: Principles of Microeconomics

Online

Online

Online

Online

Online

#### GRADUATE TEACHING ASSISTANT

Aug. 2017 — May 2020

2020 ECON 204: Principles of Macroeconomics  
2019 ECON 202: Principles of Microeconomics  
2019 ECON 204: Principles Macroeconomics  
2018 ECON 204: Principles Macroeconomics  
2017 ECON 202: Principles of Microeconomics

## Research

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

**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 and Awards

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| 2021 | Winner of \$300 Prize, The AFIT-AFEE 16th Annual Student Scholars Award Competition                |
| 2013 | 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 UWCSEA Cambodian Student Scholarship Competition              |

## Conference Presentations

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| 2021 | The Western Social Science Association 's 63rd Annual Conference | Virtual |
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## Professional Affiliations

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American Economic Association, American Society of Health Economists, Association for Institutional Thought

## Data Science Employment Experience

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### Mountain Data Group

DATA SCIENTIST  
DATA SCIENCE INTERN

Fort Collins, CO, USA  
Jan. 2022 — PRESENT  
May 2021 — Dec. 2021

## Other Employment Experience

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### Colorado College Finance & Administration

FINANCE ASSISTANT

Colorado Springs, CO, USA  
Feb. 2016 — Jan. 2017

### Colorado College Quantitative Reasoning Center

RESEARCH ANALYST INTERN

Jan. 2016 — May 2016

## Skills

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### Software Proficiency

Python Programming  
R Programming  
MySQL  
Tableau  
LaTeX

### Certifications

Postgraduate Program in Data Science from Purdue University  
IBM Data Science Professional Certificate

## References

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- Sammy Zahran, Ph.D.** Professor of Demography and 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)**