# Sayorn **Chin**

**Colorado State University**
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## Education _____

**Colorado State University**                                      *Fort Collins, CO, USA*
DOCTOR OF PHILOSOPHY IN ECONOMETRICS AND QUANTITATIVE ECONOMICS       *Anticipated 2023*
    Dissertation Title: Three Essays in Health and Welfare Economics

MASTER OF ARTS IN ECONOMICS                                            *Dec. 2019*

**Colorado College**                                             *Colorado Springs, CO, USA*
BACHELOR OF ARTS IN MATHEMATICAL ECONOMICS                              *May 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 | *Online* |
| *2022* | ECON 202: Principles of Microeconomics | *Online* |
| *2021* | ECON 306: Intermediate Microeconomics | *Online* |
| *2021* | ECON 460: Economic Development | *Online* |
| *2020* | ECON 304: Intermediate Macroeconomics | *In-Person* |
| *2020* | ECON 202: Principles of Microeconomics | *Online* |

GRADUATE TEACHING ASSISTANT                                        *Aug. 2017 — May 2020*

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|---|---|---|
| *2020* | ECON 204: Principles of Macroeconomics | *In-Person* |
| *2019* | ECON 202: Principles of Microeconomics | *In-Person* |
| *2019* | ECON 204: Principles Macroeconomics | *In-Person* |
| *2018* | ECON 204: Principles Macroeconomics | *In-Person* |
| *2017* | ECON 202: Principles of Microeconomics | *In-Person* |

## 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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|---|---|
| *2022* | Competition Committee Member, The AFIT–AFEE $17^{th}$ Annual Student Scholars Award Competition |
| *2021* | Winner of $300 Prize, The AFIT–AFEE $16^{th}$ 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 |
| *2008* | Winner of $386,114 Prize, Five–Year UWCSEA Cambodian Student Scholarship Competition |

## Conference Presentations

*2021*    The Western Social Science Association 's 63rd Annual Conference    *Virtual*

## Professional Affiliations

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

## Data Science Employment Experience

**Mountain Data Group**    *Fort Collins, CO, USA*

Data Scientist    *Jan. 2022 — PRESENT*

Data Science Intern    *May 2021 — Dec. 2021*

## Other Employment Experience

**Colorado College Finance & Administration**    *Colorado Springs, CO, USA*

Finance Assistant    *Feb. 2016 — Jan. 2017*

**Colorado College Quantitative Reasoning Center**

Research Analyst Intern    *Jan. 2016 — May 2016*

## Skills

**Software Proficiency**
Python Programming
R Programming
MySQL
Tableau
LaTeX

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

## References

**Sammy Zahran, Ph.D.**
Professor of Demography and Epidemiology
Department of Economics
Colorado State University
Department of Epidemiology
Colorado School of Public Health
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**David Mushinski, Ph.D.**
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**Ray Miller, Ph.D.**
Assistant Professor of Economics
Department of Economics
Colorado State University
Assistant Professor
Colorado School of Public Health
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**Chris Slootmaker, Ph.D.**
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Mountain Data Group
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