# Sayorn Chin

**Contact Information**

Department of Economics
Colorado State University
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**Education**

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| **Colorado State University** | Fort Collins, CO |
| *Doctor of Philosophy in Economics (ABD)* | Expected 2023 |

Dissertation Title: "Three Essays on Health and Inequality"
Committee: Professors Sammy Zahran, David Mushinski, and Ray Miller

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| *Master of Arts in Economics* | Dec. 2019 |
| **Colorado College** | Colorado Springs, CO |
| *Bachelor of Arts in Mathematical Economics* | May 2017 |

**Research Interests**

Applied Microeconomics, Applied Macroeconomics,
Health Economics, Public Economics

**Teaching Interests**

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

**Teaching Experience**

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| **Colorado State University** | Fort Collins, CO |
| *Graduate Teaching Instructor* | Jul. 2020 – Present |
| ECON 202: Principles of Microeconomics (2 Sections) | Fall 2022 |
| ECON 306: Intermediate Microeconomics | Spring 2022 |
| ECON 202: Principles of Microeconomics | Spring 2022 |
| ECON 460: Economic Development | Fall 2021 |
| ECON 306: Intermediate Microeconomics | Fall 2021 |
| ECON 304: Intermediate Microeconomics (2 Sections) | Spring 2021 |
| ECON 202: Principles of Macroeconomics (2 Sections) | Fall 2020 |
| ECON 202: Principles of Microeconomics | Summer 2020 |
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| *Graduate Teaching Assistant* | Aug. 2017 – May 2020 |
| ECON 204: Principles of Macroeconomics (3 Sections) | Spring 2020 |
| ECON 204: Principles of Microeconomics (3 Sections) | Fall 2019 |
| ECON 202: Principles of Macroeconomics (3 Sections) | Spring 2019 |
| ECON 204: Principles of Macroeconomics (3 Sections) | Fall 2018 |
| ECON 204: Principles of Macroeconomics (3 Sections) | Spring 2018 |
| ECON 202: Principles of Microeconomics (3 Sections) | Fall 2017 |

**Publications**

The Welfare Cost of Late-life Depression
(Joint with Ray Miller and Ashish Kumar Sedai)
Forthcoming in the *Journal of Economic Behavior and Organization*

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| **Working Papers** | Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans<br>(Joint with Ray Miller)<br>In preparation for a submission to the *Review of Economic Dynamics* |
| **Works in Progress** | Neighborhood Violence and Infant Health: The Causal Effect of Crime on Infant Birth Outcomes |
| | Machine Learning and Natural Language Processing in Population Well-Being: An Application to Daylight Saving Time<br>(Joint with Sammy Zahran) |
| | Quantifying the Labor Market Price of Moral Values: Evidence from Occupational Switching<br>(Joint with Sammy Zahran) |
| | The Effect of Unemployment Insurance on the Depression Impact of Job Loss<br>(Joint with Ray Miller) |
| | Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India<br>(Joint with Ashish Kumar Sedai) |

**Other Work Experience**

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| **Mountain Data Group** | | Fort Collins, CO |
| *Data Scientist* | | Jan. 2022 – Present |
| *Data Science Intern* | | May 2021 – Dec. 2021 |
| **Colorado College Quantitative Reasoning Center** | | Colorado Springs, CO |
| *Research Analysis Intern* | | Jan. 2016 – May 2016 |

**Honors and 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 $17^{th}$ Annual Student Scholars Award Competition | 2022 |
| Winner of $300 prize for best paper award from the AFIT–AFEE $16^{th}$ Annual Student Scholars Award Competition | 2021 |

**Conference Presentations**

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| The Western Social Science Association's $63^{rd}$ Annual Virtual Conference | 2021 |

**Programming**

Proficient in: Python, R, MySQL, Git, GitHub

**Certifications**

Tools for Data Science, Python for Data Science, Python for Data Science and AI, Data Science Methodology, Database and SQL for Data Science, Data Analysis with Python, Machine Learning with Python, Data Visualization with Python, Python Project for Data Science

**Professional Memberships**

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