

Sayorn Chin

Colorado State University

Department of Economics

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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
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
In-Person
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

In-Person
In-Person
In-Person
In-Person
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

2022 Competition Committee Member, The AFIT-AFEE 17th Annual Student Scholars Award Competition
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
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

DATA SCIENTIST

DATA SCIENCE INTERN

Fort Collins, CO, USA

Jan. 2022 — PRESENT

May 2021 — Dec. 2021

Other Employment Experience

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

Software Proficiency

Python Programming
R Programming
MySQL
LaTeX

Certifications

What is Data Science
Data Science Methodology
Statistics Essential for Data Science
Programming Fundamental
R Programming for Data Science
Python for Data Science
Python for Data Science, AI & Development
Python Project for Data Science
Databases and SQL for Data Science with Python
Data Visualization with Python
Data Analysis with Python
Machine Learning with Python

References

- 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
- David Mushinski, Ph.D.** Professor of Economics
Department of Economics
Colorado State University
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
- Chris Sloodmaker, Ph.D.** Lead Data Scientist
Mountain Data Group
Chris.Sloodmaker@MountainDataGroup.com