

# Sayorn Chin

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## Contact Information

Ph.D. Candidate  
Department of Economics  
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## Education

<b>Colorado State University</b>	Fort Collins, CO
<i>Doctor of Philosophy in Economics (ABD)</i>	Expected 2023
Dissertation Title: “Three Essays on Health and Inequality”	
Committee: Professors Sammy Zahran, David Mushinski, and Ray Miller	
<i>Master of Arts in Economics</i>	Dec. 2019
<b>Colorado College</b>	Colorado Springs, CO
<i>Bachelor of Arts in Mathematical Economics</i>	May 2017

## Research Interests

Applied Microeconomics, Health Economics, Public Economics, Labor Economics

## Teaching Interests

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

## 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*

## Working Papers

Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans  
(Joint with Ray Miller)  
In preparation for a submission to the *Review of Economic Dynamics*

The Compensation of Conscience: Evidence from Occupational Switching  
(Joint with Sammy Zahran)

## Works in Progress

Machine Learning and Natural Language Processing in Population Well-Being: An Application to Daylight Saving Time  
(Joint with Sammy Zahran)

Neighborhood Violence and Infant Health: The Causal Effect of Crime on Infant Birth Outcomes

The Effect of Unemployment Insurance on the Depression Impact of Job Loss  
(Joint with Ray Miller)

Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender  
and Caste in India  
(Joint with Ashish Kumar Sedai)

## Teaching Experience

<b>Colorado State University</b>	Fort Collins, CO
<i>Graduate Teaching Instructor</i>	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
 <i>Graduate Teaching Assistant</i>	 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

## Other Work Experience

<b>Mountain Data Group</b>	Fort Collins, CO
<i>Data Scientist</i>	Jan. 2022 – Present
<i>Data Science Intern</i>	May 2021 – Dec. 2021
 <b>Colorado College Quantitative Reasoning Center</b>	 Colorado Springs, CO
<i>Research Analyst Intern</i>	Jan. 2016 – May 2016

## Honors and Awards

Graduate Research Assistantship Award, Department of Economics, Colorado State University	2022
Served as a Competition Committee Member for the AFIT–AFEE 17 <sup>th</sup> Annual Student Scholars Award Competition	2022
Best Paper Award, AFIT–AFEE 16 <sup>th</sup> Annual Student Scholars Award Competition	2021
Davis United World College Scholars Scholarship Award	2013 – 2017
United World College of Southeast Asia Scholarship Award	2008 – 2013

Conference Presentations	The Western Social Science Association's 63 <sup>rd</sup> Annual Virtual Conference	2021
Programming	Proficient in: Python, R, MySQL, Git, GitHub	
Software	Familiar with: Stata, ArcGIS	
Languages	English (proficient), Khmer (native), French (elementary)	
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	
References	<p><b>Dr. Sammy Zahran</b> (Advisor) Professor and Associate Chair Department of Economics Colorado State University Department of Epidemiology Colorado School of Public Health (970) 491-1877 (Office) <a href="mailto:Sammy.Zahran@ColoState.edu">Sammy.Zahran@ColoState.edu</a></p> <p><b>Dr. Ray Miller</b> Assistant Professor Department of Economics Colorado State University Department of Health Systems, Management &amp; Policy Colorado School of Public Health (970) 491-3970 (Office) <a href="mailto:Ray.Miller@ColoState.edu">Ray.Miller@ColoState.edu</a></p> <p><b>Dr. Anders Fremstad</b> (Teaching Reference) Associate Professor Department of Economics Colorado State University (970) 820-8281 (Office) <a href="mailto:Anders.Fremstad@ColoState.edu">Anders.Fremstad@ColoState.edu</a></p>	