Sayorn Chin

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Last updated: December 15, 2021

Education

Ph.D. Econometrics and Quantitative Economics, Colorado State University, Expected Spring 2023

Dissertation Title: Three Essays in Health and Welfare Economics

M.A. Economics, Colorado State University, 2019

B.A. Econometrics and Quantitative Economics, Colorado College, 2017

Certificates

Postgraduate Program in Data Science from Purdue University, 2022

IBM Data Science Professional Certificate, 2022

Research Fields

Applied Microeconomics, Health, Public, Welfare, Development, and Population Economics

Topics of Interest

Health Policy, Health and Social Inequality, Longitudinal Data Analysis, Applied Machine Learning

Employment Experience

Data Scientist, Mountain Data Group, Jan 2022 – Present

Data Science Intern, Mountain Data Group, May 2021 – Dec 2021

Graduate Teaching Instructor, Colorado State University, July 2020 – present

Graduate Teaching Assistant, Colorado State University, Aug 2017 – May 2020

Teaching Experience

Graduate Teaching Instructor

Economic Development
Intermediate Microeconomics
Principle of Microeconomics

Graduate Teaching Assistant

Principle of Macroeconomics
Introduction to Econometrics
Principle of Microeconomics

Research

Working Papers

Miller, R., Chin, S., & Sedai, A.K. The Welfare Cost of Late–life Depression. **PDF**

Manuscripts in preparation

Chin, S., & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans

Chin, S., Zahran, S., & Mushinski, D. Physician Behavior, Tort Reform and Defensive Medicine Revisited: An Investigation of Cesarean Deliveries

Chin, S., Zahran, S., & Mushinski, D. Daylight Saving Time Transitions and Expressed Sentiment: Evidence from Twitter

Work in Progress

Mudenda, L.D., Perry, T., & Chin, S. Household Financial Insecurity and Parental Time Investments: Empirical Evidence from the Gendered and Racial Analysis in the United States

Sedai, A.K., & Chin, S. Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India

Honors, Awards, and Fellowships

Competition committee member for the Association for Institutional Thought and the Association for Evolutionary Economics 17th Annual Student Scholars Award Competition, 2022. More info available **here**

Winner of the Association for Institutional Economics and Association for Evolutionary Economics 16th Annual Student Scholars Award, 2021. More info available **here**

Awarded a full financial aid [USD 312,320] to attend Colorado College based on academic merit

Awarded USD 80,000 from the Davis United World College Scholars to attend Colorado College. More info available **here**

Participated and won a five-years scholarship to attend the United World College of Southeast Asia. More info available **here**

Conference Presentations

The Western Social Science Association (WSSA)'s 63rd Annual Virtual Conference, 2021

Professional Affiliations

Member of: American Economic Association, American Society of Health Economists

Software Proficiency

Python Programming, R Programming, MySQL, Tableau, LaTeX

References

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