

Sayorn Chin

PH.D. CANDIDATE · DATA SCIENTIST

Colorado State University

Department of Economics

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Education

Colorado State University

PH.D., ECONOMETRICS AND QUANTITATIVE ECONOMICS

Fort Collins, CO, USA

Expected 2023

Dissertation

Three Essays in Health and Welfare Economics

Committee

David Mushinski (advisor), Sammy Zahran (co-advisor), Ray Miller, Jude Bayham

M.A., ECONOMICS

2019

Colorado College

B.A., ECONOMETRICS AND QUANTITATIVE ECONOMICS

Colorado Springs, CO, USA

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

Data Science Experience

Mountain Data Group

DATA SCIENTIST

Fort Collins, CO, USA

Jan. 2022 — PRESENT

DATA SCIENCE INTERN

May 2021 — Dec. 2021

Teaching Experience

Colorado State University

GRADUATE TEACHING INSTRUCTOR

Fort Collins, CO, USA

Jul. 2020 — PRESENT

2022 ECON306: Intermediate Microeconomics (Online)

2022 ECON202: Principles of Microeconomics (Online)

2021 ECON460: Economic Development (Online)

2021 ECON306: Intermediate Microeconomics

2020 ECON304: Intermediate Macroeconomics

2020 ECON202: Principles of Microeconomics (Online)

GRADUATE TEACHING ASSISTANT

Aug. 2017 — May 2020

2020 ECON204: Principles of Macroeconomics

2019 ECON202: Principles of Microeconomics

2019 ECON204: Principles of Macroeconomics

2018 ECON204: Principles of Macroeconomics

2017 ECON202: Principles of Microeconomics

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., 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

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

Honors & Awards

2021 **Winner (\$300 Prize)**, The AFIT-AFEE 16th Annual Student Scholars Award Competition

2017 **Awarded \$312,320 in Financial Aid Based on Academic Merit**, Colorado College

2017 **Awarded \$80,000 in Financial Aid Based on Academic Merit**, The Davis United World College Scholars

2008 **Winner (\$386,114 Prize)**, Five-Year United World College of South East Asia Student Scholarship Competition

Conference Presentations

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

Virtual

PRESENTER FOR <CONSPICUOUS CONSUMPTION: ECONOMIC IMPACTS AND EXPENDITURE TAX>

2021

Professional Affiliations

AMERICAN ECONOMIC ASSOCIATION, AMERICAN SOCIETY OF HEALTH ECONOMISTS, ASSOCIATION FOR INSTITUTIONAL

THOUGHT, ASSOCIATION FOR EVOLUTIONARY ECONOMICS

Skills

Software Proficiency

Python Programming, R Programming, MySQL, Tableau, LaTeX

Certifications

Postgraduate Program in Data Science from Purdue University, IBM Data Science Professional Certificate

Languages

English, Khmer

References

Sammy Zahran, Ph.D.

Professor of Demography

Professor of 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

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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 Slotmaker, Ph.D.

Lead Data Scientist

Mountain Data Group

Chris.Slotmaker@MountainDataGroup.com