

# Sayorn Chin

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Updated: March 9, 2024

**Current Position** July 2023 – present: Assistant Professor, Department of Economics, Lafayette College

**Other Appointments** June 2023 – present: Data Science Fellow Affiliate, Mountain Data Group, Fort Collins, CO

**Previous Appointments** May 2021 – May 2023: Data Scientist, Mountain Data Group, Fort Collins, CO

July 2020 – May 2023: Graduate Teaching Instructor, Department of Economics, Colorado State University, Fort Collins, CO

August 2017 – May 2020: Graduate Teaching Assistant, Department of Economics, Colorado State University, Fort Collins, CO

February 2016 – January 2017: Finance Assistant, Department of Finance and Administration, Colorado College, Colorado Springs, CO

January 2016 – May 2016: Data Research Analyst, Quantitative Reasoning Center, Colorado College, Colorado Springs, CO

**Research Fields** Applied Microeconomics, Health and Social Inequality, Economics of Aging, Applied Machine Learning

**Teaching Fields** Microeconomics, Health Economics, Political Economy of Health Disparities, Welfare and Public Economics, Economic Development, Econometrics, Predictive and Causal Machine Learning in Economics

**Education** 2023: Ph.D., Economics, Department of Economics, Colorado State University

2019: M.A., Economics, Department of Economics, Colorado State University

2017: B.A., Mathematical Economics, Colorado College

**Research Output** **Articles in Refereed Journals**

The Welfare Cost of Late-life Depression, with Ray Miller and Ashish Kumar Sedai. *Journal of Economic Behavior & Organization*, 204 (2022), 15–36. [A\* Rating in ABDC Journal Quality List].

### Articles in Under Review

Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans, with Ray Miller. Under Review at *Demography*. [A Rating in [ABDC Journal Quality List](#)].

### Working Papers

- [1] Growing Old in Rural America: Measuring Late-life Health and Economic Well-being, with Yuulin An and Ray Miller. In preparation for a submission to *The Journal of the Economics of Ageing* (Special Issue on Social Exclusion and Poverty in Older Age). [B Rating in [ABDC Journal Quality List](#)].
- [2] Breath of Crime: The Relationship between Air Pollution and Criminal Activity in the United Kingdom, with Salvador Lurbe, Jesse Burkhardt, and Sammy Zahran.
- [3] The Compensation of Conscience: Evidence from the U.S. Labor Market, with Anders Fremstad, Ray Miller, and Sammy Zahran. In preparation for a submission to *European Economic Review* (Special Issue of the European Economic Review in memory of Nora Szech). [A\* Rating in [ABDC Journal Quality List](#)].

### Work in Progress

- [1] Emotional Shocks and Complications in the Workplace, with Yuulin An and Sammy Zahran.
- [2] The Morning Advantage: Differential Returns to Sunlight Exposure on Well-being, with Ray Miller and Sammy Zahran.
- [3] Blue Laws and Economic Activities, with Prasiddha Shakya and Sammy Zahran.
- [4] Information and Nonprofit Organization Survival, with Gregory Miller and Sammy Zahran.

### Teaching Experience

#### Assistant Professor, Lafayette College

Fall 2024: Intermediate Microeconomics (2 sections), Economic Development

Spring 2024: Intermediate Microeconomics (2 sections)

Fall 2023: Intermediate Microeconomics (2 sections)

#### Graduate Teaching Instructor, Colorado State University

Spring 2023: Principles of Microeconomics (2 sections)

Fall 2022: Principles of Microeconomics (2 sections)

Spring 2022: Principles of Microeconomics, Intermediate Microeconomics

Fall 2021: Intermediate Microeconomics, Economic Development

Spring 2021: Intermediate Macroeconomics (2 sections)

Fall 2020: Principles of Macroeconomics (2 sections)

Summer 2020: Principles of Microeconomics

**Graduate Teaching Assistant, Colorado State University**

Spring 2020: Principles of Macroeconomics (2 sections)

Fall 2019: Principles of Microeconomics (2 sections)

Summer 2019: Introductory to Econometrics

Spring 2019: Principles of Macroeconomics (2 sections)

Fall 2018: Principles of Macroeconomics (2 sections)

Spring 2018: Principles of Macroeconomics (2 sections)

Fall 2017: Principles of Microeconomics (2 sections)

**Grants, Honors,  
and Awards**

2024: Research Fellow, Mountain Data Group, Fort Collins, CO

2022: Graduate Research Assistantship Award, Department of Economics, Colorado State University

2022: Competition Committee Member, AFIT–AFEE 17th Annual Student Scholars Award

2021: Best Paper Award, AFIT–AFEE 16th Annual Student Scholars Award

2017 – 2023: Graduate Teaching Assistantship Award, Department of Economics, Colorado State University

2013 – 2017: Colorado College Financial Aid Award

2013 – 2017: Davis United World College Scholars Scholarship Award

2008 – 2013: United World College of Southeast Asia Scholarship Award

**Conference  
Presentations**

2024: Southeastern Micro Labor Workshop Organized by the Federal Reserve Bank of Atlanta

2023: North American Regional Science Council Conference

2021: The Western Social Science Association Conference

**Invited Talks**

2024: The Hanson Center for Inclusive STEM Education at Lafayette College

2023: University of Wyoming, Knox College, University of New Hampshire

**Programming,  
Software, and  
Certifications**

**Programming/Software**

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

## **Certifications**

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

## **Professional Affiliations**

American Economic Association, American Society of Health Economists, North American Regional Science Council, Econometric Society

## **Professional Service**

Referee for: *World Development*

## **References**

Available upon request