# **Sayorn Chin**

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Last Update: February 18, 2025

| CURRENT POSITIONS     | <b>Assistant Professor</b> , Department of Economics, Lafayette College, Easton, PA <b>Data Science Fellow Affiliate</b> , Mountain Data Group, Fort Collins, CO   | Jul. 2023–Present<br>Jun. 2023–Present   |
|-----------------------|--|--|
| PREVIOUS<br>POSITIONS | Data Scientist, Mountain Data Group, Fort Collins, CO<br>Graduate Teaching Instructor, Colorado State University, Fort Collins, CO<br>Graduate Teaching Assistant, Colorado State University, Fort Collins, CO<br>Finance Assistant, Colorado College, Colorado Springs, CO<br>Data Research Analyst, Colorado College, Colorado Springs, CO | May 2021–May 2023<br>Jul. 2020–May 2023<br>Aug. 2017–May 2020<br>Feb. 2016–Jan. 2017<br>Jan. 2016–May 2016 |
| EDUCATION             | Ph.D., Economics, Department of Economics, Colorado State University M.A., Economics, Department of Economics, Colorado State University B.A., Mathematical Economics, Colorado College  | 2023<br>2019<br>2017   |
| RESEARCH              | Articles in Refereed Journals  |  |

## **Articles in Refereed Journals**

OUTPUT

The Welfare Cost of Late-life Depression, with Ray Miller and Ashish Kumar Sedai. Journal of Economic Behavior & Organization, 204 (2022), 15–36.

#### Manuscripts Accepted for Publication (in press), Revise and Resubmit or Under Review

- [1] Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans, with Ray Miller. Revised and Resubmitted at Demography.
- [2] Growing Old in Rural America: Measuring Late-life Health and Economic Well-being, with Yuulin An and Ray Miller. Revised and Resubmitted at The Journal of the Economics of Ageing.
- [3] Kratom Drinks and Consumption Trends: Insights from Reddit, with Teresa Perry. Accepted at Journal of Substance Use.
- [4] The Compensation of Conscience, with Sammy Zahran and Anders Fremstad. Under Review at European Economic Review.
- [5] From Cheating to Learning: AI Integration in Introductory Economics Courses, with Kenese Io, Fatih Kırşanli and Teresa Perry. Under Review at The Journal of Economic Education.

#### **Working Papers**

[1] The Longer Reach of Lead: Early Childhood Lead Exposure and Cognitive Ability Later-in-Life, with Christopher Keyes, Sammy Zahran, and David Mushinski.

### **Selected Work in Progress**

[1] Bringing Introductory Economics to Life: Why Authentic Learning Matters, with Teresa Perry, Fatih Kırşanli, and Kenese Io.

- [2] Tip Credit Effects on Employment, Earnings, and Establishments
- [3] Toxic Hearts, with Sammy Zahran, Christopher Keyes, and Bruce Lanphear.
- [4] Major Choices and Moral Sensibilities with Sammy Zahran and Anders Fremstad
- [5] Breath of Crime: The Relationship between Air Pollution and Criminal Activity in the United Kingdom.
- [6] The Morning Advantage: Differential Returns to Sunlight Exposure on Well-being, with Sammy Zahran and Ray Miller.
- [7] Game Time or Baby Time? The Influence of Sporting Events on Hospital Birth Scheduling, with Yuulin An.
- [8] The Causal Effect of Lead Exposure on Maternal Health and Birth Outcomes, with Yuulin An.
- [9] Excess Emissions and the Incidence of Low Birth Weight, with Susan Averett.

|                        | [9] Excess Emissions and the incidence of Low Birth W   | veight, with Susan Averett.   |  |
|------------------------|---|---|--|
| TEACHING<br>EXPERIENCE | Lafayette College ECON 215: Health Economics ECON 346: Economic Development ECON 251: Intermediate Microeconomics | Fall 2025 Fall 2024, Spring 2025, Fall 2025 Fall 2024, Spring 2024, Spring 2025     |  |
|                        | ECON 231: Intermediate Microeconomics   | Fall 2023, Spring 2024, Fall 2024, Spring 2025                                      |  |
|                        | Colorado State University   |   |  |
|                        | ECON 202: Principles of Microeconomics  | Fall 2017, Fall 2019, Summer 2020, Fall 2021<br>Spring 2022, Fall 2022, Spring 2023 |  |
|                        | ECON 204: Principles of Macroeconomics  | Spring 2018, Fall 2018, Spring 2019<br>Spring 2020, Fall 2020                       |  |
|                        | ECON 306: Intermediate Microeconomics   | Fall 2021, Spring 2022  |  |
|                        | ECON 304: Intermediate Macroeconomics   | Spring 2021   |  |
|                        | ECON 335: Introduction to Econometrics  | Summer 2019   |  |
|                        | ECON 460: Economic Development  | Fall 2021   |  |
|                        |   |   |  |
| RESEARCH               | Independent Study   |   |  |
| Advising               | Isabel Berkeley ('25)   | Spring 2025   |  |
|                        | Xinyuan Liang ('27)   | Spring 2025   |  |
|                        | Yi Luo ('26)  | Spring 2025   |  |
|                        | Justin Fretz ('25)  | Spring 2025   |  |
|                        | EXCEL Scholars/Bergh Fellows  |   |  |
|                        | Daniel Colden ('26)   | Winter 2025   |  |
|                        | Naya Kurdy ('25)  | Fall 2024, Spring 2025  |  |
|                        | Vanika Sok ('26)  | Summer 2024, Fall 2024  |  |
|                        |   |   |  |
| College<br>Service     | International Faculty & Staff Community of Practice Bo  | oard Spring 2025–Present  |  |
| DEPARTMENT<br>SERVICE  | Co-organizer department honors program  | Fall 2024–Present   |  |
| Honors and             | Student Government Superior Teaching Awards Nominee, Lafayette College 2024                                       |   |  |
| AWARDS                 | AWARDS Graduate Research Assistantship, Department of Economics, Colorado State University                        |   |  |
|                        |   |   |  |

Competition Committee Member, AFIT-AFEE 16th Annual Student Scholars Award

Best Paper Award, AFIT-AFEE 16th Annual Student Scholars Award

2022

2021

|                           | Graduate Teaching Assistantship, Department of Economics, Colorado State University<br>Colorado College Financial Aid Award  | 2017–2023<br>2013–2017    |
|---------------------------|--|---------------------------|
|                           | Davis United World College Scholars Scholarship Award  | 2013–2017                 |
|                           | United World College of Southeast Asia Scholarship Award   | 2008–2013                 |
|                           | Officed World College of Southoust Fisher Schlotership Fiward  | 2000 2013                 |
| Conferences               | 7th Annual Southeastern Micro Labor Workshop at the Federal Reserve Bank of Atlanta  | 2025                      |
|                           | Southern Economic Association 94th Annual Meeting  | 2024                      |
|                           | 6th Annual Southeastern Micro Labor Workshop at the Federal Reserve Bank of Atlanta  | 2024                      |
|                           | The 70th North American Meetings of the Regional Science Association International   | 2023                      |
|                           | The Western Social Science Association Conference  | 2021                      |
|                           |  |                           |
| INVITED TALKS             | Asian Cultural Association at Lafayette College  | 2024                      |
|                           | The Hanson Center for Inclusive STEM Education at Lafayette College  | 2024                      |
|                           | University of Wyoming, Knox College, University of New Hampshire   | 2023                      |
|                           |  |                           |
|                           |  |                           |
| SKILLS AND                | Programming/Software   |                           |
| SKILLS AND<br>CREDENTIALS | Programming/Software Proficient in: Python, R, Stata, MySOL, Git/GitHub  |                           |
| SKILLS AND<br>CREDENTIALS | Programming/Software Proficient in: Python, R, Stata, MySQL, Git/GitHub  |                           |
|                           |  |                           |
|                           | Proficient in: Python, R, Stata, MySQL, Git/GitHub   | ence Method-              |
|                           | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications   |                           |
|                           | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science & AI, Data Science   |                           |
|                           | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning   |                           |
| CREDENTIALS               | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning Data Visualization with Python, Python Project for Data Science   | with Python,              |
| CREDENTIALS               | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning   | with Python,              |
| CREDENTIALS               | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning Data Visualization with Python, Python Project for Data Science  American Economic Association, American Society of Health Economists, Southern Economists, South | with Python,              |
| PROFESSIONAL AFFILIATIONS | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning Data Visualization with Python, Python Project for Data Science  American Economic Association, American Society of Health Economists, Southern Economical Action   | with Python, omic Associ- |
| PROFESSIONAL AFFILIATIONS | Proficient in: Python, R, Stata, MySQL, Git/GitHub  Certifications  Tools for Data Science, Python for Data Science, Python for Data Science & AI, Data Science, Data Analysis with Python, Machine Learning Data Visualization with Python, Python Project for Data Science  American Economic Association, American Society of Health Economists, Southern Economists, South | with Python, omic Associ- |

Available upon request

REFERENCES