

# Nicholas Cassol-Pawson

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## EDUCATION

### Undergraduate Student at University of California, Los Angeles (UCLA)

Los Angeles, CA

B.A. in Business Economics and B.S. in Statistics & Data Science

Anticipated June 2025

**Cumulative GPA:** 3.97/4.00 (as of April 2025)

**Relevant Courses:** Regression Analysis; Statistical Models and Data Mining; Optimization; Time Series Forecasting; Econometric Methods; Monte Carlo Simulation; International Trade Theory; Money and Banking; Economic Networks; Game Theory; Market Design; Linear Algebra; Mathematical Statistics

**Awards and Honors:** Dean's Honor List (F21, W22, S22, F22, W23, S23, F23, W24, S24, F24, W25)

### School Without Walls High School

Washington, DC

Summa cum laude (weighted cumulative GPA: 4.39/4.00)

August 2017 - June 2021

**Awards and Honors:** AP Capstone Diploma (2021), AP Scholar with Distinction (2020, 2021)

## PROGRAMMING SKILLS

R (Tidyverse, machine learning, and time series packages), LaTeX, Python (pandas, NumPy), C++, SQL

## EXPERIENCE

### UCLA Department of Epidemiology

Los Angeles, CA

Undergraduate Research Assistant

June 2023 - Present

- Reviewed and patched R and Python scripts of a disease diffusion network simulation to improve efficiency and efficacy
- Accepted for publication as fourth author on "Infectious Disease Control as Network Interventions" by *Discover Social Sciences and Health* (April 2025)

### BruinLife, UCLA lifestyle magazine and yearbook

Los Angeles, CA

Copy Editor

October 2021 - Present

- Collaborated with writers and fellow copy editors to ensure articles met AP style publication standards
- Edited and fact checked article submissions in a timely and effective manner; 90+ published
- Received the "Copy that!" award (June 2022) for outstanding commitment to department

### BruinRunners, UCLA running club

Los Angeles, CA

Member

September 2021 - Present

Vice President

June 2023 - June 2024

- Collaborated with both club presidents to plan, promote, and lead practices, races, and other events
- Liaised with UCLA Club Sports to organize logistics for multiple long-distance travel events
- Built club cohesion by incorporating new members into practices and communicating with members and other officers about upcoming events on a daily basis

### UCLA Department of Economics

Los Angeles, CA

Reader

January 2025 - April 2025

- Graded 80 students' assignments and final exams for the undergraduate behavioral economics class

### Military Health Economics and Policy Research Lab (Uniformed Services University)

Bethesda, MD

Research Assistant (Department of Defense: Pathways Internship Program)

July 2024 - September 2024

- Completed 5 literature reviews of over 75 scientific papers to identify research gaps and methods to support ongoing and future studies
- Aligned variables from over a decade of annual panel surveys and identified indicators of various medical conditions
- Proofread 3 manuscripts to ensure consistency with journal submission guidelines

## ADDITIONAL

**Foreign Languages:** Portuguese (proficient); Spanish (elementary); German (elementary)

**Applications:** Microsoft Excel, Word, PowerPoint; Apple Pages, Numbers, Keynote; RStudio; TeXShop;

Overleaf; Jupyter Notebook; Google Docs, Slides, Sheets; Canva; Xcode; Adobe Acrobat, Photoshop; Tableau