

Adrian Amaya

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Citizenship: USA

Date available to begin work: June 2025

SUMMARY STATEMENTS

- Ph.D. candidate in Economics at the University of Hawai'i at Mānoa.
- Over four years of specialized experience in advanced data analysis, causal modeling, and general econometric techniques.
- Proficient in Stata, R, LaTeX, and capable of high-level academic writing for peer-reviewed journals.
- Enjoys distilling unique and complex datasets into data-driven insights for causal inference and decision-making.

INDEPENDENT RESEARCH EXPERIENCE

PhD Student

University of Hawai'i at Mānoa (Honolulu, HI)

8/2021 - 5/2025

Duties, Accomplishments and Related Skills:

- Conducted progressively complex economic research and analyses on a wide range of topics.
- Applied econometric principles to reach data-driven conclusions about causal mechanisms.
- Skilled in using statistical packages (i.e., R and Stata) for data manipulation, analysis, and statistical modeling
- Experience working with complex datasets (i.e., cross-sectional and panel household survey microdata, spatial data [raster and vector formats], satellite and remote sensing data, and modeled machine learning outputs).
- Presented research findings through both written reports and oral presentations.

WORK EXPERIENCE

Research Assistant

University of Hawai'i at Mānoa (Honolulu, HI)

5/2022 - 5/2025

Duties, Accomplishments and Related Skills:

- Applied econometric methods for data analysis, statistical inference, and causal modeling using R and Stata.
- Contributed to reports for the University of Hawai'i Economic Research Organization (UHERO) and projects funded by research grants under the guidance of senior researchers.
- Performed comprehensive literature reviews to support research objectives.
- Prepared and delivered research findings through both written reports and oral presentations.

Summer Lecturer

University of Hawai'i at Mānoa (Honolulu, HI)

5/2021 - 5/2025

Duties, Accomplishments and Related Skills:

- Instructor on record for *Principles of Microeconomics* and *The Economy of Hawai'i*.
- Facilitated inclusive and individualized learning experiences tailored to a diverse student population.
- Designed and taught the course The Economy of Hawai'i to support a community college pipeline program focused on improving student transfer and retention rates.
- Integrated service-learning experiences with Indigenous organizations, providing students with practical experience in resource management and community engagement.

Teaching Assistant

8/2019 - 5/2025

University of Hawai'i at Mānoa (Honolulu, HI)

Duties, Accomplishments and Related Skills:

- Facilitated student engagement through breakout discussion sessions, provided individualized academic support, and collaborated with faculty to enhance course delivery and assessment.
- Provided instructional support for large introductory courses (100+ students) and smaller, intermediate courses (10+ students) in Economics.
- Delivered academic assistance to a diverse student body relating to Microeconomics, Macroeconomics, Statistics, and Econometrics.

EDUCATION

Doctorate Degree, Expected: May 2025

University of Hawai'i at Mānoa

Honolulu, HI, USA

Major: Economics **Concentrations:** Environmental, Behavioral, Development

Master's Degree, May 2021

University of Hawai'i at Mānoa

Honolulu, HI, USA

Major: Economics

Bachelor's Degree, May 2018

Georgia State University

Atlanta, GA, USA

Major: Economics **Minor:** Mathematics

SKILLS

Regression Analysis, Data Management, Statistical Modeling, Research Design, Academic Writing, Quantitative Analysis, Written and Oral Communication, Econometrics.

Programming Languages and Software:

- Proficient in Sata, R, and LaTeX.
- Proficient in Microsoft Excel, Microsoft PowerPoint, and Microsoft Word.

AWARDS

Seiji Naya Outstanding Third-Year Research Paper Award

University of Hawai'i at Mānoa, 2023

VOLUNTEER EXPERIENCE / COMMUNITY SERVICE

Paepae o He'eia, May 2024

Kaneohe, HI

Kāko'o 'Ōiwi, June 2024

Kaneohe, HI

Papahana Kualoa, July 2024

Kaneohe, HI

Ho'oulu 'Āina, October 2024

Honolulu, HI

- I regularly participate in hands-on, culture-based, and educational community workdays. These are hosted by Indigenous Hawaiian organizations dedicated to natural and cultural restoration.

MauiWES Conference and Collection Event, December 2024

Lahaina, HI

- Volunteer at the Maui Wildfire Exposure Study (MauiWES) conference and collection event in Lahaina. The conference invited researchers from around the country as well as local organizations and community members to share their expertise and experience with disaster management and recovery. Collection events consisted of aiding MauiWES staff in collecting valuable health samples from impacted community members.