

## AINA KATSIKAS

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Ph.D. Candidate

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Placement Director: Katherine Lacy

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## Education

Ph.D. Candidate in Economics	University of Nevada, Reno	Expected 2024
M.S. in Economics	University of Nevada, Reno	2019-2021
B.S. in Economics	University of Nevada, Reno	2015-2019

## Experience

### *Graduate Research Assistant*

*University of Nevada, Reno*

June 2019 - current

- Modeled economic impact analyses in IMPLAN software.
- Conducted cost-benefit and feasibility analyses for public and private entities.
- Programmed in STATA, R, LaTeX, Python, GAMS.
- Addressed research objectives using quantitative analyses.
- Implemented econometric and statistical analyses to identify causal inference.
- Collaborated with colleagues to address shared research objectives.
- Developed Stochastic models to evaluate public policy implications (linear regression, logistic regression, Difference in Difference with staggered treatment, Double Hurdle.)
- Developed econometric and financial models to address applied microeconomic research objectives using public data sources.
- Focused on research in healthcare finance, health economics, public policy, Medicare, Medicaid and healthcare delivery systems.

### *Graduate Teaching Assistant*

*University of Nevada, Reno*

July 2021 - current

- Taught Undergraduate economics and statistics courses.
- Developed course plans for classes of 60+ students.
- Delivered remote lectures via Zoom.

### *Undergraduate Researcher*

*University of Nevada, Reno*

August 2018 - May 2019

- Collected and prepared data to analyze two research objectives. (Objective 1: To evaluate the financial equity of Washoe County's property tax allocations. Objective 2: To evaluate the financial equity of Washoe County Jail)

- Collaborated with Financial Sustainability Team, City Manager, County Comptroller, County Planning Manager.
- Implemented linear regression analysis in STATA to answer research objectives.
- Presented final results to Washoe County Comptroller and UNR Office of Undergraduate Research.

## Skills

**Programming** STATA, R, LaTeX, Python, GAMS, SQL, C++

**Quantitative Analysis** Econometric Modeling, Regression and Statistical Analysis, Causal Inference

## Presentations

2022 Food and Agriculture Policy Research Institute Baseline Review, Attendee

2022 American Society of Health Economists, Poster Presentation, Discussant

2021 Southern Economic Association, Presenter, Session Chair

## Highlighted Projects

*The Effect of the American Rescue Plan Act on Racial Equity in Health Insurance Coverage* with Sankar Mukhopadhyay.

August 2021 - December 2022

- Prepared Household Pulse Survey data for quantitative analysis.
- Implemented Linear Probability Model using Difference in Difference framework in STATA.
- Collaborated on written report to present final results.

*The Effect of Managed Long Term Services and Supports on Home Health Provider Quality*

March 2022 - current

- Developed research objective.
- Identified, collected and prepared data for analysis in Python.
- Developed analytical framework to answer research questions.
- Implemented Callaway Sant'Anna Difference in Difference method in STATA.
- Produced report to present final results.

*Social Circumstances and Behavioral Patterns: Impacts on Health and Initiatives to Mitigate These Impacts*

January 2021 - June 2021

- Produced written chapter on health economics and telehealth applications in contribution to *Health Psychology Applications in the Military Veteran Settings: Innovations for the future* edited by Larry James (PhD Psychology), Jeanne Wendel (PhD Economics) and William O'Donohue (PhD Psychology).