

BENJAMIN C. CHU

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RESEARCH INTERESTS

Health Economics, Public Health, Applied Econometrics

EDUCATION

University of Hawai'i at Mānoa <i>PhD, Candidate</i> Overall GPA: 3.82	<i>Expected May 2023</i>
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University of Hawai'i at Mānoa <i>MA, Economics</i>	<i>May 2019</i>
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University of Hawai'i at Mānoa <i>BS, Family and Consumer Resources</i>	<i>May 2015</i>
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JOB MARKET PAPER

Title: "Who Did the ACA Medicaid Expansion Impact? Using Linear Discriminant Analysis to Estimate the Probability of Being a Complier"

Abstract: What is the likelihood that the ACA Medicaid expansion impacted certain individuals? Using linear discriminant analysis (LDA), I estimate how characteristics relating to race/ethnicity and socioeconomic status affect the likelihood that an individual will be a complier, defined as those induced by the expansion to obtain Medicaid coverage. Across multiple specifications, part-time and full-time workers were more likely than non-workers to be compliers. This result is more prominent for Black individuals compared to other racial/ethnic groups. This paper not only serves to identify the types of individuals who were directly affected by the expansion, but it also introduces a new approach that combines complier analysis with techniques from machine learning.

WORKS IN PROGRESS

1. "Laying Down the Welcome Mat: Measuring the Impacts of the Medicaid Expansion for Children Previously Eligible for Medicaid"
2. Assessing the Effectiveness of Risk Adjustment Systems in Recognizing Dual Diagnosis and Co-occurring Conditions for Mental Health and Substance Use Disorders

PROFESSIONAL EXPERIENCE

University of Hawai‘i at Mānoa, Office of Public Health <i>Graduate Research Assistant</i>	September 2019 - Present
Hawaii Literacy Foundation <i>Intern</i>	June 2014 - August 2014
Wesley United Methodist Church <i>Summer Fun Leader</i>	June 2006 - August 2019

TEACHING

University of Hawai‘i at Mānoa, Department of Economics <i>Instructor, Econ 256 Data Analysis and Visualization</i>	May 2022 - July 2022
University of Hawai‘i at Mānoa, Department of Economics <i>Instructor, Econ 131 Principles of Macroeconomics</i>	July 2021- August 2021
University of Hawai‘i at Mānoa, Department of Economics <i>Instructor, Econ 130 Principles of Microeconomics</i>	January 2019 - Present
University of Hawai‘i at Mānoa, Department of Economics <i>Instructor, Econ 300 Intermediate Macroeconomics</i>	July 2019 - August 2020
University of Hawai‘i at Mānoa, Department of Economics <i>Teaching Assistant, Econ 130 Principles of Microeconomics</i>	August 2016 - May 2018

AWARDS AND ACHIEVEMENTS

Bernie Campbell Fellowship <i>University of Hawai‘i at Mānoa, Department of Economics</i>	2022
Graduate Assistantship <i>University of Hawai‘i at Mānoa, Department of Economics</i>	2016 - 2019
Frances Davis Teaching Nomination <i>University of Hawai‘i at Mānoa, Department of Economics</i>	2016 - 2019
Phi Upsilon Omicron Officer <i>University of Hawai‘i at Mānoa, College of Tropical and Agricultural Resources</i>	2012 - 2015
Golden Key Member <i>University of Hawai‘i at Mānoa, College of Tropical and Agricultural Resources</i>	2012 - 2015
University of Hawai‘i at Manoa Band Scholarship <i>University of Hawai‘i at Mānoa, Department of Music</i>	2010 - 2016

PRESENTATIONS and CONFERENCES

University of Hawai'i at Manoa Applied Microeconomics Workshop 2018, 2019, 2021,2022

Hawaii Economic Association 2021

Special Parent Information Network Conference (Keynote Speaker) 2017

COMPUTER SKILLS

Operating Systems *Microsoft Windows OS, Mac OS*

Programming *STATA, R, SQL, Python(some)*

Media/Design *LaTeX, Adobe Illustrator*

BACKGROUND

Citizenship *USA*

Languages *English (Native), Japanese (Intermediate)*

REFERENCES

Prof. Timothy Halliday
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University of Hawai'i
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Prof. Victoria Fan
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Prof. Sang Hyop Lee
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