

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: 3.83	<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

Burnham Campbell Scholarship <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

<i>Workshop on the Economics of Risky Behavior</i>	2022
<i>University of Hawai'i at Manoa Applied Microeconomics Workshop</i>	2018, 2019, 2021, 2022
<i>Hawaii Economic Association</i>	2021
<i>Special Parent Information Network Conference (Keynote Speaker)</i>	2017

COMPUTER SKILLS

Operating Systems	<i>Microsoft Windows OS, Mac OS</i>
Programming	<i>STATA, R, SQL, Python(some)</i>
Media/Design	<i>LaTeX, Adobe Illustrator</i>

BACKGROUND

Citizenship	<i>USA</i>
Languages	<i>English (Native), Japanese (Intermediate)</i>

REFERENCES

Prof. Timothy Halliday Department of Economics University of Hawai'i Saunders Hall 533 2424 Maile Way Honolulu, HI 96822 USA 1-808-956-8615 halliday@hawaii.edu	Prof. Victoria Fan Center of Aging University of Hawai'i Biomed C105 1960 East-West Road Honolulu, HI 96822 USA 1-808-956-5596 vfan@hawaii.edu	Prof. Sang Hyop Lee Department of Economics University of Hawai'i Saunders Hall 512 2424 Maile Way Honolulu, HI 96822 USA 1-808-956-7041 leesang@hawaii.edu
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