

# WEI-LIN CHEN

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## CONTACT INFORMATION

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## EMPLOYMENT

New Zealand Policy Research Institute 2023-  
Postdoctoral Research Fellow

## EDUCATION

Ph.D., Economics, 2023 University of California - San Diego  
Committee: Julie Cullen (co-chair), Paul Niehaus (co-chair), Samuel Bazzi,  
Gordon Dahl, Jeffrey Clemens, Craig McIntosh  
M.A., Economics, 2017 National Taiwan University  
Visiting Student, 2017 University of California - Berkeley  
B.A., Economics, 2013 National Taiwan University

## FIELDS OF INTERESTS

Public Economics, Development Economics, Political Economy

## HONORS AND AWARDS

TA Excellence Award. 2019, 2021. University of California - San Diego.  
Government Scholarship to Study Abroad. 2021. The Ministry of Education, Taiwan

## WORKING PAPER

### **The Impact of Partisan Politics on Policing Practices: Evidence from North Carolina's Sheriffs' Offices**

Abstract: I study the impact of partisan leaders on traffic stop policing practices in North Carolina. Using a difference-in-differences design that exploits sheriff turnovers, I find that offices with a Democrat-to-Republican sheriff turnover rather than a Democrat-to-Democrat sheriff transition have an increase of black drivers' share in traffic stops by 3.8 percentage points, a 15.7% increase compared to baseline. Decomposing the changes in black driver's share along two dimensions: stop purposes and officers, I find that the increase is driven by changes *within* safety stops instead of investigation stops, and driven by changes in incumbent officers' tendency to stop black drivers. The increase in racial disparities is not accompanied by an increase in unconditional hit rates. Overall, the results suggest that partisan leadership, a crucial feature of the US criminal justice system, plays an important role in shaping racial disparities in frontline policing.

## PUBLICATIONS

### **Curriculum and National Identity: Evidence from the 1997 Curriculum Reform in Taiwan**

Joint with Ming-Jen Lin and Tzu-Ting Yang — *Journal of Development Economics*, 2023

**Abstract:** This paper examines the causal effects of textbook content on individuals' national identity by exploiting a curriculum reform that introduced a new perspective on Taiwan's history for students entering junior high school after September 1997. Using a repeated nationally representative survey and a regression discontinuity design, we show that students exposed to the new textbooks were more likely to hold exclusive Taiwanese identity rather than dual identity (i.e., Taiwanese and Chinese). The effect was greater for academic track students and those living in neighborhoods where fewer people identify as Taiwanese. In addition, our results suggest that the new curriculum had little impact on people's political preferences related to Taiwan's independence. Finally, we find that the probability of reporting as Taiwanese among old textbook readers converges with that of people reading new textbooks in the long run since the perspectives of old textbooks are in conflict with the recent social trends.

## WORK IN PROGRESS

### **The Impact of Partisan Politics on Personnel Composition: Evidence from North Carolina's Sheriffs' Offices**

Joint with Samuel Krumholz

**Abstract:** We study the impact of partisan leaders on the political composition of law enforcement agencies in the United States using elected sheriffs in North Carolina as a case study. Using a difference-in-differences design, we find that offices shifting from a Democrat to Republican sheriff experience a 9 percentage point (27%) decrease in the Democratic share of Sheriff deputies relative to counties experiencing a Democrat to Democrat turnover. This change is driven both by existing Democratic deputies disproportionately changing their party registration and an increase in the share of Republican deputies among the entrants. Overall, we provide new evidence that leaders can shape the personnel's political composition not just by hiring but by inducing party switches.

### **Disparate Impact of Social Safety Net Inclusion on Internal Migrants in Indonesia**

**Abstract:** Discussion of targeting the poor mostly focuses on the performance of specific methods on the *general* population, while the performance *across groups* are rarely examined. This project examines the performance of the proxy-means-testing (PMT) algorithms across internal migrants and locals in Indonesia. Using the same household expenditure sample and household characteristic variables, I reproduce the PMT algorithm adopted by Indonesian central government. I find that conditional on the same true household expenditure level, the PMT algorithm over-predicts internal migrants expenditure comparing to locals. Zooming in to the poor households the central government aims to target, whose expenditure lies in the bottom 25% of the population, the PMT algorithm's over-prediction results in an 8 percentage points increase of exclusion error for migrants than locals. Preliminary analysis indicates that among the PMT variables, household head education and occupation, and residential neighborhood characteristics contribute the most to the over-prediction bias. Future work will examine if the introduction of the PMT algorithm induces a larger disparate impact on internal migrants in the whole social welfare *system*.

### **Electoral Cycles of Informal Taxation and Welfare Benefit Provision: Evidence from Indonesia Villages**

**Abstract:** This paper studies the impact of electoral incentives on frontline public finance arrangements. I examine in Indonesian villages electoral cycles of informal tax collection and rice subsidy provision. In the election year, lower-expenditure households pay less informal taxes, and average households receive more subsidized rice. As a result, village heads make the informal tax system more progressive and reduce overall leakage in the subsidy program right before the village head elections. The results suggest that electoral incentives faced by local agents are important in shaping the local public finance system.

**Does Better Targeting the Poor Increase Long-term Education Attainment? Evidence from Indonesia's Unified Targeting System**

Joint with Sudarno Sumarto and Achmad Tohari

**Decentralizing Development: Structural Transformation Effects of Indonesia's Village Fund**

Joint with Holt Dwyer

**The Impact of Algorithmic Tools on Sentencing: Evidence from New Zealand****The Impact of Algorithmic Tools on Accident Injury Categorization: Evidence from New Zealand****PROFESSIONAL ACTIVITIES****Presentations**

2024 Victoria University of Wellington

2023 Taiwan Economics Research workshop, WEAI Economics of Crime Workshop; Southeast Asia Research Group (SEAREG) winter conference

2021 Economics Graduate Student Conference (EGSC), Washington University in St. Louis

**Referee Service***Journal of Development Economics, Economic Journal, Economic Inquiry, Pacific Economic Review, Economic Modelling***RELEVANT WORKING EXPERIENCE**

August-November 2019 Research Assistant for Professor Michael Callen.

Help prepare the "State Effectiveness" evidence paper for International Growth Centre. Synthesize papers from the political economy literature to produce a literature review on Political Selection and Bureaucrat Selection.

**TEACHING EXPERIENCE****As teacher assistant at UC San Diego**

Middle East Economics	Spring 2019; Winter, Spring, Fall 2020; Winter 2022 (Prof. James E. Rauch)
Economics of Education	Fall 2018 (Prof. Julien Robert Betts)
Principles of Macroeconomics	Winter 2019, Winter 2023 (Prof. Valerie A. Ramey)
Public Economics: Expenditure II	Winter 2021 (Prof. Itzik Fadlon)
Cities, Inequality, Innovation	Spring 2021 (Prof. Fabian Eckert)
Economics of the Environment	Fall 2021 (Prof. Mark R. Jackobsen)
Long Run Macroeconomics	Spring 2022 (Prof. Giacomo Rondina)

**OTHER INFORMATION**

Citizenship: Taiwan

Languages: Mandarin (Native), Taiwanese Hokkien (Native), English (Proficient)

Technical Skills: Stata, Python (basic), Matlab (basic),  $\text{\LaTeX}$