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**HARVARD UNIVERSITY****Harvard Kennedy School**

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**Doctoral Studies**

Harvard University, 2016 to present  
Ph.D. Candidate in Public Policy (Economics Track)  
Thesis Title: "Essays on Applied Microeconomics"  
Expected Completion Date: May 2023

**References**

Professor Will Dobbie 617-495-0405, <a href="mailto:will_dobbie@hks.harvard.edu">will_dobbie@hks.harvard.edu</a>	Professor Michela Carlana 617-495-1614, <a href="mailto:michela_carlana@hks.harvard.edu">michela_carlana@hks.harvard.edu</a>
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**Previous Studies**

MS, Applied Economics and Management, Cornell University, 2016  
BA, Mathematical Economic Analysis, Rice University, 2013

**Research Fields**

Applied Microeconomics, Labor economics, Political Economy, Development Economics

**Teaching Experience**

Spring 2019,	Empirical Methods II (Master's), Harvard University, Teaching Fellow for
2020	Professors Desmond Ang and Anders Jensen
Fall 2018	Introduction to Econometrics (Undergraduate), Harvard University, Teaching Fellow for Professor Jim Stock

**Research Grants**

2020	Weiss Fund
2020	Professional Development Fund
2019	Weiss Fund
2017	Vicki Norberg-Bohm Fellowship

**Academic Affiliations**

PhD student affiliate, Evidence for Policy Design (EPoD)  
PhD student affiliate, Center for International Development (CID)

## **Presentations**

Economic and Social Policy Seminar at Harvard University, October 2022

The North East Universities Development Consortium (NEUDC) at Yale University, November 2022

## **Research Papers**

“When Women Run: Double-Edged Effects of Political Representation” (*Job Market Paper*)

**Abstract:** This paper examines how candidates and donors adjust their political stance to their opponent’s gender identity. Using a regression discontinuity design that exploits close primary races, I estimate the impact of women running for the U.S. House of Representatives’ office between 1980–2014 on the policy stances of, and donations to, the competing candidates. I find that Republican candidates receive more support from socially conservative groups when they run against Democratic women versus men. This impact lasts beyond the election and the legislators continue to vote more conservatively on reproductive rights in Congress. Democratic candidates show no change in campaign finances but vote more liberally on women’s issues after running against Republican women versus men. These results suggest that the presence of women on the ballot may lead to backlash against the very policy issues they stand for. Running but failing to win office may be costly for women, making the effort toward political representation a double-edged endeavor.

“Negative Behavioral Transmission” *with Reshmaan Hussam*

**Abstract:** Behavior change programs often assume positive transmission of behavior across contexts and therefore evaluate effects only at the site of intervening. We randomize an edutainment program in Bangladeshi schools to trace school-to-home transmission of handwashing and find that children are induced to wash more at school but less at home. This negative transmission impacts non-school days and other household members, yielding a net negative effect of the program. We replicate the conceptual experiment by randomizing the proportion of students receiving handwashing resources at home and tracking home-to-school transmission. Children induced to wash more at home likewise wash less at school.

“Big Decisions, Labor Structure and Female Employment: Evidence from New Exporters” *with Raffi E. García*

**Abstract:** New entrants in export markets tend to increase productivity in anticipation of entry. One particularly understudied channel is entrants’ labor related decisions. Using an extensive database of Chilean manufacturing plants, this paper examines how the entry affects labor structure, gender composition, and productivity of the new exporters. We adopt a difference-in-differences design with heterogeneous treatment effects to find discrepancies in the long-run (exporter premia) and the short-run decision paths of the entrants. Our results show that while exporters tend to employ a higher percentage of females in permanent blue-collar positions and a lower percentage of females in executive and white-collar positions relative to non-exporters, new exporters do not immediately adopt these behaviors around the period of entry, supporting learning through experience under the existence of sunk costs to exporting.

## **Personal**

Korean Citizenship; Authorized to work in the U.S. as holder of Employment Authorization Document (EAD); Currently undergoing Green Card application process