

Placement Directors:	Professor Benjamin Golub	847-491-8230	benjamin.golub@northwestern.edu
	Professor Rob Porter	847-491-3491	r-porter@northwestern.edu
Placement Administrator:	Lola May Ittner	847-491-8200	econjobmarket@northwestern.edu

Contact Information	<p>Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208</p> <p>Mobile: 206-617-4230 johanna.rayl@northwestern.edu jrayl.github.io Citizenship: USA</p>
Fields	<p>Research: Energy and Environmental Economics, Public Economics, Industrial Economics</p> <p>Teaching: Energy and Environmental Economics, Public Economics, Industrial Economics</p>
Education	<p>Ph.D., Economics, Northwestern University, 2026 (Anticipated) Committee: Mar Reguant (Chair), Piotr Dworczak, Chris Udry, Silvia Vannutelli</p> <p>M.A., Economics, University of Chicago, 2019</p> <p>B.A., Environmental Analysis, <i>cum laude</i>, Pomona College, 2016</p>
Fellowships & Awards	<p>Vising Scholar, Federal Reserve Bank of Chicago, Microeconomic and Regional Teams, 2024</p> <p>University Fellowship, Northwestern University, 2022-2023</p> <p>National Science Foundation Graduate Research Fellowship, 2018</p>
Teaching Experience	<p>Teaching Assistant, Northwestern University, 2025 MMSS Senior Seminar (Gastón Illanes)</p> <p>Curriculum Development, University of Chicago, 2016-2017 Global Energy and Climate Challenge (Michael Greenstone and John Deutch)</p>
Research Experience	<p>Research Assistant, Michael Greenstone, Energy Policy Institute of the University of Chicago, 2016-2018</p> <p>Summer Research Intern, Yusuke Kuwayama, Resources for the Future, 2015</p>
Conferences	<p>Group for Research in APplied Economics (GRAPE) Inequality-aware Market Design (IMD) Seminar, 2024</p>
Refereeing	<p>JAERE</p>
Job Market Paper	<p>“Redistribution with Limited Information: Fuel Subsidies and Cash Transfers in Indonesia” with Budy Resosudarmo</p> <p>We study optimal design of cash and in-kind progressive reforms to fuel subsidies in a setting with limited information: cash transfers and fuel subsidies in Indonesia. In 2005, the government shifted spending away from a costly and regressive consumer fossil fuel subsidy and towards a targeted cash transfer program, which was hindered by the government’s limited ability to identify low-income households. In our model, a planner with distributional preferences may prefer in-kind over cash mechanisms if the targeting benefits of self-selection over the in-kind good outweigh the inefficiencies associated with subsidization. We take this model to the data, estimating household preferences for fuel by exploiting large exogenous shocks to fuel prices, and solving for the optimal policy given a limited government information set. Targeted cash transfers outperform optimal fuel subsidies in most cases.</p>

Works in progress	“The Effects and Effectiveness of Emergency Price Controls during Natural Disasters” with Michael Dinerstein, Nadia Lucas, Ishan Nath	
	“Paid Maternity Leave and Childrens’ Outcomes in the Long Run” with Tessa Bonomo Approved US Census Bureau Project	
	“Income Downscaling with Nightlights” with Tamma Carleton, James Rising	
Working papers	“Does the Value of Reliability Capitalize in Water Markets” with Yusuke Kuwayama, Tyler Treakle	
Published papers	“Private Markets and Public Assistance for Natural Disaster Supplies” with Michael Dinerstein, Nadia Lucas, Ishan Nath, <i>AEA Papers and Proceedings</i> , 2025	
Languages	English (fluent), Spanish (limited working proficiency)	
References	Professor Mar Reguant	Professor Piotr Dworczak
	Department of Economics	Department of Economics
	Northwestern University	Northwestern University
	2211 Campus Drive	2211 Campus Drive
	Evanston, IL 60208	Evanston, IL 60208
	847.491.8221	847.491.8203
	mar.reguant@northwestern.edu	piotr.dworczak@northwestern.edu
	Professor Christopher Udry	Professor Silvia Vannutelli
	Department of Economics	Department of Economics
	Northwestern University	Northwestern University
	2211 Campus Drive	2211 Campus Drive
	Evanston, IL 60208	Evanston, IL 60208
		847.491.8234
	christopher.udry@northwestern.edu	silvia.vannutelli@northwestern.edu