

Curriculum Vitae

Julien P. Isnard

University of North Carolina, Chapel Hill

7 Creeks Edge Ct.
Durham, NC 27713

jpisnard@live.unc.edu
(530)574-8444

Education

<i>PhD in Economics</i>	University of North Carolina, Chapel Hill	expected May 2022
<i>BS in Economics</i>	Southern Methodist University	December 2013

Research Positions

Research Assistant	under the supervision of Andrew J. Yates	Spring 2018 – Spring 2019
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Teaching

Visiting Lecturer	<i>University of Richmond</i> 101 (Introduction to Microeconomics) 300 (Industrial Organization) 332 (Public Policy)	Fall 2020 – Spring 2021
Instructor of Record	<i>University of North Carolina, Chapel Hill</i> 101 (Introduction to Economics) 345 (Public Policy Toward Business) 445 (Industrial Organization) 480 (Labor Economics)	Summer 2016 – Spring 2020
Teaching Assistant	<i>University of North Carolina, Chapel Hill</i> 101 (Introduction to Economics) 445 (Industrial Organization)	Fall 2015 – Fall 2017

Leadership Positions

President	Economics Graduate Student Association	Fall 2016 – Spring 2017
Senator	Graduate and Professional Student Association	Fall 2015 – Spring 2016

Conference Presentations

Presenter	CAMP Resources – Asheville, NC	August 2019
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Specialties

Fields <i>Industrial Organization</i> <i>Environmental Economics</i>	Coding <i>STATA, MATLAB,</i> <i>PYTHON, LATEX</i>
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Research

Pricing Distortions from Attribute-Based Emissions Standards: A Study of CAFÉ

This paper follows from the extensive literature on the impact of environmental standards on firms as well as their distributional consequences on the consumer side. After recovering parameter estimates for consumer valuation of vehicle attributes, I explore the impact of shifting from a uniform fleet-specific emission standard to a regressive standard that incorporates a reduction in efficiency requirements for larger vehicles. This shift results in a new dimension for regulatory compliance that shifts incentives for the firm and creates a distortion in the price schedules of multi-product firm offerings. Using the shift in Corporate Average Fuel Efficiency Standards, I estimate the taxation and subsidization effects faced by consumers.

Heterogeneous responses to price: Evidence from residential water consumers

Journal of Environmental Economics and Management – May 2021

with Andrew J. Yates, Brian McManus, Shadi Eskaf and A. Rachid El-Khattabi

Public utilities may respond to demand or supply fluctuations by adjusting prices to ration quantity. This approach's efficacy and distributional impacts depend on households' heterogeneous price sensitivity, which we estimate in a market for residential water usage. Our household-level panel data features a large change in marginal water prices and a novel measure of local hydrological stress. Contrary to prior research, we find that heavy-usage households are more price sensitive than other households, and price elasticity is largely invariant to household wealth. These findings suggest that price-based rationing can be an effective tool to reduce water usage.

Estimation of Price Response with Heterogeneous Price Perception and Nonlinear Price Schedules

with Andrew J. Yates, Brian McManus, Shadi Eskaf and A. Rachid El-Khattabi

The complexity of nonlinear price schedules such as those adopted by utility providers produce elevated information costs that result in multiple potential interpretations for consumers. Using billing data, demographic observables, and weather-focused demand shifters for single-family residential water consumers, we estimate a water demand model that allows for consumer heterogeneity with respect to price perception. The recovered parameters allow for distributional and aggregate usage estimates under alternate or shifted pricing schedules.

Dissertation Committee

Andrew J. Yates (advisor)

ajyates@email.unc.edu

Brian McManus

mcmanusb@email.unc.edu

Jonathan W. Williams

jonwms@email.unc.edu

Gary Biglaiser

gbiglais@email.unc.edu

Kyle Woodward

kyle.woodward@unc.edu