

# JAKE SCHILD

Department of Economics ◊ Wylie Hall Rm. 105 ◊ 100 South Woodlawn ◊ Bloomington, IN 47405  
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## EDUCATION

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### Indiana University, Bloomington

*Spring 2019 (expected)*

Ph.D. Economics

Thesis: *Unintended Consequences of the Sharing Economy: An Analysis of Airbnb*

Committee: James Walker (*co-chair*), Filomena Garcia (*co-chair*), Stefan Weiergraeber, and Daniela Puzzello

### Indiana University, Bloomington

*December 2015*

M.A. Economics

### Wabash College, Crawfordsville

*May 2013*

B.A. Economics & Mathematics

*Summa Cum Laude, Phi Beta Kappa*

## FIELDS OF SPECIALIZATION

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Industrial Organization, Networks, Experimental Economics

## REFERENCES

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### James Walker (*co-chair*)

Professor of Economics  
Indiana University  
(812) 855-2760 (office)  
walkerj@indiana.edu

### Filomena Garcia (*co-chair*)

Associate Professor of Economics  
Indiana University  
(812) 855-3736 (office)  
figarcia@indiana.edu

### Stefan Weiergraeber

Assistant Professor of Economics  
Indiana University  
(812) 855-2146 (office)  
sweiergr@indiana.edu

### Daniela Puzzello

Professor of Economics  
Indiana University  
(812) 856-5419 (office)  
dpuzzell@indiana.edu

### Paul Graf (Teaching Reference)

Senior Lecturer, Economics  
Indiana University  
(812) 855-2543 (office)  
paulgraf@indiana.edu

## TEACHING EXPERIENCE

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### Associate Instructor

Indiana University

- Principles of Macroeconomics
- Intermediate Microeconomics
- Principles of Microeconomics
- Statistical Analysis for Business & Economics

*Fall 2018*

*Summer 2017*

*Fall 2015, Spring/Fall 2016*

*Summer 2015*

### Teaching Assistant

Indiana University

- Intermediate Microeconomics
- Principles of Macroeconomics
- Principles of Microeconomics

*Summer 2014/2016, Spring 2017*

*Spring 2015*

*Fall 2014*

## TECHNICAL SKILLS

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Stata, MATLAB, Fortran, R, Python, Ztree

## SEMINAR AND CONFERENCE PRESENTATIONS

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Midwest Economics Association Annual Conference	2018
Jordan-Wabash Conference on Experimental and Behavioral Economics, <i>Indiana University</i>	2017
12th Annual Economics Graduate Students Conference, <i>Washington University St. Louis</i>	2017
12th Annual Jordan River Economics Conference, <i>Indiana University</i>	2016
Microeconomics Departmental Workshop, <i>Indiana University</i>	2016

## HONORS AND AWARDS

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Susan C. Thrasher Dissertation Fellowship, <i>Indiana University</i>	Fall 2017 - Spring 2018
Graduate and Professional Student Government Travel Award, <i>Indiana University</i>	Fall 2017
Graduate Assistantship, <i>Indiana University</i>	Fall 2014 - Spring 2017
College of Arts and Sciences Fellowship, <i>Indiana University</i>	Fall 2013 - Spring 2014

## WORKING PAPERS

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### **Airbnb's Role in Tourism Gentrification** (Job Market Paper)

Since its founding in 2008 Airbnb has spread to over 190 countries and has a total number of listings greater than the top five major hotel brands combined. In this study I document how the proliferation of Airbnb redistributes tourists within cities, and analyze how the redistribution affects the development of firms in the service and entertainment sectors. This is the first study to document the effects of Airbnb on firms outside of the hospitality and housing sectors. First a model of intra-city trade is developed from which two conjectures are drawn. These conjectures are then empirically tested using a novel dataset that combines data on Airbnb from Inside Airbnb with U.S. Census data. The results of the analysis show an increase in Airbnb usage leads to an increase in the number of entertainment sector firms within the area; however, no statistically significant effect is found for the number of firms in the service sector.

### **Peer-to-peer Accommodations and Congestion Externalities**

Increasing interest by tourist for a more authentic experience outside of the typical tourist district has allowed peer-to-peer (P2P) accommodations, like Airbnb, to emerge as viable alternatives to traditional hotel services. P2P accommodations are not subject to the same zoning regulations as traditional tourist accommodations. As a result tourists are able to stay in areas that were previously inaccessible and are unaccustomed to servicing tourists. Little research has been done on the effects of redistributing tourists into these areas. Using a Hotelling model with bundling and a congestion externality, this paper explores the redistributive effects of P2P accommodation services on firm pricing decisions and consumer welfare. The results of the model show firms increase their prices in response to an increase in tourism, which, in conjunction with the congestion externality, leads to a decline in the welfare of residents in the area.

### **Inequality Aversion vs Altruism: Experimental Evidence**

The literature on dictator games has long debated whether inequality aversion or altruism is the motivation behind giving, but generally assumes the two preferences are mutually exclusive. This paper proposes an alternative theory suggesting subjects can express both altruism and inequality aversion. To test this theory a novel version of a three-player dictator game is introduced. The dictator chooses how to distribute a fixed endowment between two recipients, and is able to earn a private return based on the amount of inequality resulting from the allocation decision. To ensure inequality averse preferences can be separately identified from self-regarding behavior the domain of decision environments is restricted to those in which the dictator receives the highest payout. Results show there exists a subset of subjects that express behavior inline with both altruism and inequality aversion. Furthermore, the results suggest the social preferences displayed can be influenced by the order of decision environments. The implications of these findings stress the importance of accounting for interactions between social preferences as well as a counterbalanced experimental design.