

# Andrés Felipe Mira

Website: [andresmira.net](http://andresmira.net)  
Email: [andres.mira@uky.edu](mailto:andres.mira@uky.edu)  
Citizenship: USA, Colombia

## EDUCATION

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### University of Kentucky

Ph.D. in Economics

Lexington, KY

2017–Current

- Dissertation: “Essays on Immigration Policy”
- Advisors: Christopher Bollinger and Aaron Yelowitz

### North Carolina State University

Master of Economics

Raleigh, NC

2015–2017

### University of Central Florida

B.A. in Economics

Orlando, FL

2012–2015

## RESEARCH FIELDS

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Economics of Immigration, Labor Economics, Applied Econometrics

## WORKING PAPERS

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### *“Estimating the Average Treatment-on-the-Treated Effects of the DACA Program”* – Job Market Paper

**Abstract:** I examine the labor market response of undocumented youth that participated in the Deferred Action for Childhood Arrivals (DACA). DACA provides temporary work authorization and deferral from deportation to eligible undocumented youth. I use data from the U.S. Citizenship and Immigration Services to construct a probabilistic measure for the unobserved DACA participation. Using ACS data, I estimate a two-sample model of the effect of participating in the DACA program. I also estimate the spillover effects of DACA on eligible but non-participating undocumented youth. I find that DACA significantly improved labor market outcomes of DACA recipients, with magnitude of the treatment-on-the-treated effects at least twice as large as the intent-to-treat estimates obtained from using only the observed eligibility indicator. I also find an increase in school attendance among DACA recipients. Evidence of a negative spillover effect on eligible non-participants is documented with a decrease in labor force participation and school attendance.

### *“Credible Interval Estimates of the Size and Legal Composition of the US Foreign-Born Population”* (w/ Christopher Bollinger)

**Abstract:** Government agencies and academic researchers typically report the size and legal composition of the foreign-born population as point estimates. As these estimates are generally produced using survey data, they are impacted by both sampling and nonsampling error. This paper considers nonsampling error due to item nonresponse in the estimates of the size and legal composition of the foreign-born produced using the American Community Survey. The standard practice to deal with item nonresponse is to impute values under the assumption that nonresponse is conditionally random. I follow a procedure that allows me to form credible interval estimates that make no assumptions about the values of missing data by taking into account all uncertainty due to

item nonresponse. Without any assumptions on the distribution of citizenship status among non-respondents, the size of the foreign-born population in the US falls somewhere between 40.4 and 59.4 million as of 2019 compared to the Census estimate of 44.9 million. When taking into account item nonresponse from all questions used in the imputation procedure to assign legal status, the size of the undocumented population fall between 7.3 and 18.3 million compared to the widely accepted estimate of 11 million undocumented immigrants.

## WORK IN PROGRESS

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*“Imputing Treatment: Misclassification Bias in the Effects of DACA”*

*“The Effectiveness of Employment-Based Tax Credits Under Labor Market Frictions”* (w/ Hyein Kang)

*“Immigrant’s Legal Status and English Skill Acquisition”*

## RESEARCH EXPERIENCE

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**Research Assistant** at University of Kentucky 2020–2021  
– Supervisor: Professor David Agrawal

## TEACHING EXPERIENCE

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**Primary Instructor** at University of Kentucky

ECO 201 - Principles of Microeconomics	Fall 2018, Fall 2021 (Online)
ECO 370 - The Global Economy (Online)	Summer 2021
ECO 202 - Principles of Macroeconomics (Online)	Summer 2018

**Lab Instructor** at University of Kentucky

ECO 391 - Economics and Business Statistics	Fall 2019
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**Teaching Assistant** at University of Kentucky

ECO 370 - The Global Economy	Fall 2018
ECO 499 - Seminar in International Trade and Globalization	Spring 2018
ECO 202 - Principles of Macroeconomics	Fall 2017, Spring 2018
ECO 201 - Intermediate Macroeconomic Theory	Fall 2017

**Grading Assistant** at University of Central Florida

ECO 4713 - International Macroeconomics	Spring 2014, Spring 2015
ECO 3203 - Intermediate Macroeconomics	Fall 2014
ECO 2023 - Principles of Macroeconomics (Honors)	Fall 2014

## CONFERENCE AND SEMINAR PRESENTATIONS

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2022	APPAM Fall Research Conference	March 29
2021	Southern Economic Association Annual Meeting	November 21
	Centre College	October 29
	Kentucky Economic Association Annual Conference	October 22

## HONORS AND AWARDS

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### Conferences

Mark Berger Best Paper Award – <b>Kentucky Economic Association Annual Conference</b>	2021
– Paper: “Estimating the Average Treatment-on-the-Treated Effects of the DACA Program”	

### University of Kentucky

Luckett Fellowship	2021–2022
Gatton Doctoral Fellowship	2020–2021
ISFE Independent Research Award	Summer 2020
Gatton Doctoral Fellowship	2018–2019
Lyman T. Johnson Fellowship	2017–2020
Max Steckler Fellowship	2017–2018

### University of Central Florida

Honors-in-the-Major Scholarship	Fall 2014
Bright Future Scholarship	2012–2015

## SKILLS

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**Languages:** English, Spanish

**Programming:** L<sup>A</sup>T<sub>E</sub>X, Stata, MATLAB, JMP, EViews

## REFERENCES

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**Christopher Bollinger (Co-Chair)**

Department of Economics  
University of Kentucky  
[crboll@uky.edu](mailto:crboll@uky.edu)

**Aaron Yelowitz (Co-Chair)**

Department of Economics  
University of Kentucky  
[aaron.yelowitz@uky.edu](mailto:aaron.yelowitz@uky.edu)

**David Agrawal**

Martin School of Public Policy  
and Department of Economics  
University of Kentucky  
[dragrawal@uky.edu](mailto:dragrawal@uky.edu)

**Alejandro Dellachiesa (Teaching)**

Department of Economics  
University of Kentucky  
[adellachiesa@uky.edu](mailto:adellachiesa@uky.edu)

Last updated: December 18, 2021