

# Mauricio Olivares

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## EDUCATION

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### University of Illinois at Urbana-Champaign (UIUC)

PhD. in Economics

2021 (expected)

### Instituto Tecnológico Autónomo de México (ITAM)

Ms. in Economic Theory

May 2014

B.A. in Economics

2012

## RESEARCH INTERESTS

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Econometric Theory, Applied Econometrics

## PAPERS

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Permutation Test for Heterogeneous Treatment Effects with a Nuisance Parameter

Joint with EunYi Chung, Forthcoming in the *Journal of Econometrics* [\[PDF\]](#)

## WORKING PAPERS

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1. Robust Permutation Test for Equality of Distributions under Covariate-Adaptive Randomization  
**Job Market Paper** [\[PDF\]](#)
2. Can Variation in Subgroups's Average Treatment Effects Explain Treatment Effect Heterogeneity?  
Evidence from a Social Experiment: A Comment  
Joint with EunYi Chung [\[PDF\]](#)

## WORK IN PROGRESS

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Spectral Based Randomization Test for White Noise

Permutation Test for Finite Variances (with Minchul Shin)

## RESEARCH EXPERIENCE

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### Department of Economics, UIUC.

Research Assistant to EunYi Chung

Jan 2016–Dec 2016, Aug 2017–Dec 2017

In charge of the Econometrics Lab

May 2018–

### Banco de México.

Visiting Researcher, Directorate General of Economic Research

June - Aug 2019

### Center for Economic Research (CIE), ITAM.

Research Assistant to Ignacio Lobato

Aug 2013 - Jul 2014

Research Assistant to Joyce Sadka

Jun 2012 - Jul 2013

### Law School, ITAM.

Research Assistant to Jorge Luis Silva Méndez

Jul 2010 - May 2012

## TEACHING EXPERIENCE

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### Department of Economics, UIUC

Teaching Assistant

*Econometric Analysis II (Graduate, Prof. EunYi Chung)*

Spring 2017, 2018

*Economic Statistics (Undergraduate)*

Fall 2015, 2016, 2017

*Principles of Macroeconomics (Undergraduate)*

Spring 2016

**Department of Statistics, ITAM**  
Lecturer - *Econometrics (Undergraduate)*

*Summer 2015*

**Department of Economics, ITAM**  
Teaching Assistant - *Introductory Econometrics (Undergraduate)*

*Jan 2010 - May 2014*

## HONORS AND AWARDS

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List of Teachers Ranked as Excellent - Econometric Analysis II (Graduate)	<i>2017, 2018</i>
Excellence in Graduate Teaching Assistantship [Ph.D.] (EGSA, UIUC)	<i>2018</i>
Top 10, World Championship of Econometrics (VSAE Econometric Game), Amsterdam	<i>2017</i>
Summer Research Fellowship, University of Illinois	<i>2016,2017,2019</i>
Departmental Fellowship, University of Illinois	<i>2014-2015</i>
Excellence Scholarship for Graduate Degree, ITAM	<i>2013-2014</i>

## PROFESSIONAL ACTIVITIES

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### Referee Activities

Journal of Economic Education

### Seminars and Presentations

**2018:** AEA CTREE (San Antonio), ITAM **2019:** Banco de México **2020:** ITAM, Graduate Student Seminars at UIUC and Boston University.

## SOFTWARE

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### R packages:

RATest: A collection of randomization tests. *2017*  
*Joint with Ignacio Sarmiento Barbieri. Available on [CRAN](#)*

### Programming Languages

R, Stata, Unix System Administration, Matlab, SQL, Eviews

## OTHER EMPLOYMENT

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### World Bank

Research Analyst *Dec 2013- Jun 2014*

## REFERENCES

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Prof. EunYi Chung  
Department of Economics  
UIUC  
✉ [eunyi@illinois.edu](mailto:eunyi@illinois.edu)

Prof. Roger Koenker  
Department of Economics  
University College London  
✉ [rkoenker@uic.edu](mailto:rkoenker@uic.edu)

Prof. Dan Bernhardt  
Department of Economics  
UIUC  
✉ [danber@illinois.edu](mailto:danber@illinois.edu)