

## Juan Estrada, Ph.D.

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CONTACT INFORMATION	Quantitative Theory and Methods Emory University 36 Eagle Row, 5th Floor Atlanta, GA 30322 United States	 : +1 (404) 727 1381  : <a href="mailto:jjestra@emory.edu">jjestra@emory.edu</a>  : <a href="http://www.juanestrada.info/">www.juanestrada.info/</a>  : <a href="https://github.com/jjestra">github.com/jjestra</a>  : <a href="https://www.linkedin.com/in/juan-estrada-610411191/">linkedin.com/in/juan-estrada-610411191/</a>
CITIZENSHIP	Colombia and United States Permanent Resident	
POSITIONS	<ul style="list-style-type: none"><li>• <b>Emory University</b> Atlanta, Georgia, 2022-Present Postdoctoral Fellow Quantitative Theory and Methods (QTM) Department</li></ul>	
EDUCATION	<ul style="list-style-type: none"><li>• <b>Emory University</b>, Atlanta, Georgia. Ph.D. in Economics, 2022 M.Sc. in Economics, 2020</li><li>• <b>Universidad EAFIT</b>, Medellín, Colombia M.Sc. in Economics (Distinction), 2016 B.Sc. in Economics, 2014 Major: Quantitative Economics.</li></ul>	
RESEARCH INTERESTS	Econometrics of Networks, Causal Inference, Applied Microeconomics, American Politics	
PUBLISHED PAPERS	Survival Analysis of Banknote Circulation: Fitness, Network Structure, and Machine Learning, (joint with Kim P. Huynh, David Jacho-Chávez and Diego Rojas) Chapter 9, pp. 235-262, in <i>Advances in Econometrics: The Econometrics of Networks</i> , 2020, edited by Áureo de Paula, Elie Tamer, and Marcel Voia. Emerald Group Publishing.	
UNDER REVIEW	<ol style="list-style-type: none"><li>1. “Estimating Social Effects with Randomized and Observational Network Data,” with TszKim Julian Chan, Kim P. Huynh, David Jacho-Chávez, Chungsang Tom Lam and Leonardo Sánchez-Aragón.</li><li>2. “Social Interactions in Multilayered Observational Networks.”</li><li>3. “netivreg: Estimation of Peer Effects in Endogenous Social Networks,” with Pablo Estrada, Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon (revise and resubmit).</li></ol>	
WORKING PAPERS	<ol style="list-style-type: none"><li>1. “Estimating Network Effects and Their Impact on Congressional Polarization,” with Cliff Carrubba.</li><li>2. “Bayesian Inference of Network Formation Models with Payoff Externalities,” with Cheng Ding and Santiago Montoya-Blandon.</li><li>3. “On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks,” with Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon.</li></ol>	

4. “Legislative Activity Relational Database: A New Open Source Database to Answer Questions about Legislative Politics,” with Brian Crisp, Cliff Carrubba, and Matt Gabel.

WORK IN  
PROGRESS

1. “Telling Half the Story? Using Roll Call Votes to Understand Legislative Behavior,” with Brian Crisp, Cliff Carrubba, and Matt Gabel.
2. “Amending Primary Outcomes: Impact on Clinical Trials Regulatory Approval,” with Cliff Carrubba, Matt Gabel, and Mateo Mejia-Saldarriaga.

RESEARCH  
EXPERIENCE

**Emory University. QTM Department**  
*Postdoctoral Fellow* with Prof. Cliff Carrubba Jun, 2022 to Present

**Emory University. Economics Department**  
*Research Assistant* to Prof. David T. Jacho-Chávez Aug, 2018 to May, 2019

**Universidad EAFIT**  
*Junior Researcher,* Jul, 2016 to Dec, 2016  
*International Development Research Centre (IDRC)*  
*Research Assistant* to Dr. Mónica Ospina Apr, 2015 to Jul, 2016

TEACHING  
EXPERIENCE

**Emory University, Atlanta, Georgia - United States. Main Instructor**

- *Quantitative Theory and Methods Department* Fall 2022  
 QTM-151: Intro. to Stat.Computing II  
 Undergraduate level
- *Department of Economics* Spring 2021  
 Econ 101: Principles Of Microeconomics  
 Undergraduate level

**Emory University, Atlanta, Georgia - United States. Lab Instructor**

- *Institute for Quantitative Theory and Methods* Fall 2020  
 Intro. to Statistical Inference  
 Undergraduate level with Prof. Jin Kim
- *Institute for Quantitative Theory and Methods* Spring 2020  
 Probability and Statistics  
 Undergraduate level with Prof. Zhongjian Lin

**Emory University, Atlanta, Georgia - United States. Teaching Assistant**

- Teaching Assistant, *Department of Economics* Spring 2022  
 Advanced Econometrics  
 Ph.D. level with Prof. David T. Jacho-Chávez
- Teaching Assistant, *Department of Economics* Fall 2021  
 Probab. Theory & Stat. Inference  
 Ph.D. level with Prof. Stefan Hoderlein
- Teaching Assistant, *Department of Economics* Fall 2020  
 Probab. & Stat. for Economists  
 Undergraduate level with Prof. Elena Pesavento
- Teaching Assistant, *Department of Economics* Spring 2019, Spring 2020  
 Advanced Econometrics  
 Ph.D. level with Prof. David T. Jacho-Chávez

- Teaching Assistant, *Department of Economics*  
Empirical Methods & Machine Learning  
Undergraduate level with Prof. David T. Jacho-Chávez

Spring 2020

**Universidad EAFIT**, Medellín - Colombia

Teaching assistant, Advanced Econometrics  
Master level

Aug, 2016 to Sep, 2016

INVITED  
SEMINARS

New York University (September 2023)

CONFERENCE  
PRESENTATIONS

1. “American Political Science Association Annual Meeting & Exhibition,” Los Angeles, California. August 31 – September 3, 2023
2. “40th annual meeting of the Society for Political Methodology,” Stanford University, Palo Alto, California. July 9-11, 2023
3. “81st Annual Midwest Political Science Association Conference,” Chicago, Illinois, USA. April 4-7, 2023
4. “Eighth Annual Conference on Network Science and Economics,” Virginia Tech, Virginia, USA. March 03-05, 2023
5. “European Winter Meetings of The Econometric Society,” Humboldt University, Berlin, Germany. December 16-18, 2022
6. “Midwest Econometrics Group (MEG),” Michigan State University, Michigan, USA. October 28-29, 2022
7. “North America Summer Meetings of The Econometric Society,” University of Miami, Florida, USA. June 16-19, 2022
8. “European Winter Meetings of The Econometric Society,” University of Barcelona, Barcelona, Spain (Online). December 13-15, 2021
9. “16th Economics Graduate Students’ Conference,” Washington University in St. Louis, Missouri, USA. October 23, 2021
10. “LACEA LAMES Annual-Meeting 2021,” Universidad del Rosario, Bogotá, Colombia (Online). October 18-22, 2021
11. “2021 Stata Conference,” (Online). August 5-6, 2021
12. “IAAE 2021 Annual Conference,” Erasmus School of Economics, Rotterdam, The Netherlands (Online). June 22-25, 2021
13. “Young Academics Networks Conference,” University of Cambridge, INET (Online). June 1-3, 2021
14. “Sixth annual conference on Network Science and Economics,” Online. March 26-28, 2021
15. “Microeconometrics: Survey Methodology and Data Science Conference,” Ottawa, Ontario, Canada. September 26-27, 2019
16. “Advances in Econometrics: The econometrics of Networks,” Paltinis, Sibiu, Romania. May 16-17, 2019
17. “Fifth annual conference on Network Science and Economics,” Bloomington, Indiana, United States. April 26-28, 2019

18. "LACEA-LAMES Annual Meeting," Medellín, Colombia. November 10-12, 2016
19. "7 Seminario Internacional de Investigación sobre Calidad de la Educación, Bogotá," Colombia. November 3-4, 2016
20. "Innova-TE 330," Bogotá, Colombia. June 27-30, 2016.
21. "17 Annual Global Development Conference," Lima, Perú. March 17-18, 2016
22. "Construcción de Metodologías comparativas e Indicadores para medir el uso de TIC y sus impactos en el salón de clase," Bogotá, Colombia. March 15-17, 2016

AWARDS	<ul style="list-style-type: none"> <li>• Outstanding Graduate Teaching Associate Award from <a href="#">Laney Graduate School, Emory University</a> 2022</li> <li>• Economics Graduate Student Research Award of Excellence from <a href="#">Emory University Department of Economics</a> 2022</li> <li>• Ph.D. Full Scholarship at <a href="#">Emory University</a> 2017</li> <li>• Graduation with Honors in the M.Sc. in Economics at <a href="#">Universidad EAFIT</a> 2016</li> <li>• Masters Full Scholarship at <a href="#">Universidad EAFIT</a> 2015</li> </ul>
LANGUAGES & OTHER SKILLS	<p><i>Software:</i> Python, R, Stata, Eviews, MatLab, L<sup>A</sup>T<sub>E</sub>X, SQL.</p> <p><i>Languages:</i> Spanish (Native), English (Fluent)</p>
OTHERS	<ul style="list-style-type: none"> <li>• CRC TR 224 Summer School on the Econometrics of Peer Effects and Social Interactions, Annweiler, Germany, July 15-19, 2019. Instructors: Bryan Graham (UC Berkeley) and Aureo de Paula (University College London).</li> <li>• Course on "Real Analysis and Optimization for Economics", Universidad de los Andes Summer School</li> </ul>
REFERENCES	<p>Clifford Carrubba, Ph.D.  Samuel Candler Dobbs Professor  Political Science Department  Department Chair  Quantitative Theory and Methods Department  <a href="#">Emory University, Atlanta, USA</a></p> <p style="text-align: right;">☎: +1 (404) 727-6830  ✉: <a href="mailto:ccarrub@emory.edu">ccarrub@emory.edu</a></p> <p>David T. Jacho-Chávez, Ph.D.  Professor  Department of Economics  <a href="#">Emory University, Atlanta, USA</a></p> <p style="text-align: right;">☎: +1 (404) 727-1381  ✉: <a href="mailto:djachochoa@emory.edu">djachochoa@emory.edu</a></p> <p>Stephen D. O'Connell, Ph.D.  Associate Professor  Department of Economics  <a href="#">Emory University, Atlanta, USA</a></p> <p style="text-align: right;">☎: +1 (404) 727-1381  ✉: <a href="mailto:soconnell@emory.edu">soconnell@emory.edu</a></p>