

## Juan Estrada

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CONTACT INFORMATION	Department of Economics Emory University 1602 Fishburne Drive Atlanta, GA 30322 United States	 : +1 (404) 727 1381  : +1 (404) 727 4639  : <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>
POSITIONS	<ul style="list-style-type: none"><li>• Associate, <a href="#">Analysis Group</a>, Washington, DC</li><li>• Postdoctoral Fellow, Quantitative Theory and Methods Department <a href="#">Emory University</a>, Atlanta, Georgia</li></ul> Working with Professor <a href="#">Cliff Carrubba</a> . <i>Topics</i> : legislative behavior, roll-call vote analysis, and vote trading.	2024-Present  2022-2024
EDUCATION	<ul style="list-style-type: none"><li>• Ph.D. in Economics, <a href="#">Emory University</a>, Atlanta, Georgia</li><li>• M.Sc. in Economics, <a href="#">Emory University</a>, Atlanta, Georgia</li><li>• M.Sc. in Economics (Distinction), <a href="#">Universidad EAFIT</a>, Medellín, Colombia</li><li>• B.Sc. in Economics, <a href="#">Universidad EAFIT</a>, Medellín, Colombia Major: Quantitative Economics.</li></ul>	2022  2020  2016  2014
RESEARCH INTERESTS	Econometrics of Networks, Causal Inference, Applied Microeconomics, American Politics	
PUBLISHED, FORTHCOMING AND ACCEPTED 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.	
WORKING PAPERS	<ol style="list-style-type: none"><li>1. “netivreg: Estimation of Peer Effects in Endogenous Social Networks,” with Pablo Estrada, Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon. (<a href="#">revise and resubmit</a>)</li><li>2. “On the Estimation of Social Effects with Observational Network Data and Random Assignment,” with TszKim Julian Chan, Kim P. Huynh, David Jacho-Chávez, Chungsang Tom Lam and Leonardo Sánchez-Aragón. (<a href="#">revise and resubmit</a>).</li></ol>	

3. “Causal Inference in Multilayer Social Networks.”  
(under review)
4. “Legislative Activity Relational Database: A New Open Source Database to Answer Questions about Legislative Politics,” with Cliff Carrubba, Brian Crisp and Matthew Gabel.  
(revise and resubmit).
5. “Bayesian Inference of Network Formation Models with Payoff Externalities,” with Cheng Ding and Santiago Montoya-Blandon.
6. “On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks,” with Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon.
7. “ Estimating Network Effects and Their Impact on Congressional Polarization,” with Cliff Carrubba.

RESEARCH EXPERIENCE	Emory University, Atlanta, Georgia - United States	
	• Research Assistant to Prof. David T. Jacho-Chávez	Aug, 2018 to May, 2019
	Universidad EAFIT, Medellín - Colombia	
	• Junior Researcher, International Development Research Centre (IDRC)	Jul, 2016 to Dec, 2016
	• 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 2023
	QTM-151: Intro. to Stat.Computing II	
	Undergraduate level	
	• 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* Spring 2020  
Empirical Methods & Machine Learning  
Undergraduate level with Prof. David T. Jacho-Chávez

**Universidad EAFIT**, Medellín - Colombia  
Teaching assistant, Advanced Econometrics Aug, 2016 to Sep, 2016  
Master level

#### CONFERENCES AND SEMINARS

1. “NYU Methods Workshop Seminar,” New York University, New York, USA. September, 11, 2023
2. “2023 American Political Science Association Annual Meeting & Exhibition,” Los Angeles, California, USA. August 31 – September 3, 2023
3. “40th annual meeting of the Society for Political Methodology,” Stanford University, California, USA. July 9-11, 2023
4. “80th Annual Midwest Political Science Association Conference,” Chicago, Illinois, USA. April 13-16, 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

ACADEMIC AWARDS	• Outstanding Graduate Teaching Associate Award from <a href="#">Laney Graduate School, Emory University</a>	2022
	• Economics Graduate Student Research Award of Excellence from <a href="#">Emory University Department of Economics</a>	2022
	• Ph.D. Full Scholarship at <a href="#">Emory University</a>	2017
	• Graduation with Honors in the M.Sc. in Economics at <a href="#">Universidad EAFIT</a>	2016
	• Masters Full Scholarship at <a href="#">Universidad EAFIT</a>	2015

LANGUAGES & OTHER SKILLS	<i>Software:</i> Python, R, Stata, Eviews, MatLab, L <sup>A</sup> T <sub>E</sub> X, SQL. <i>Languages:</i> Spanish (Native), English (Fluent)
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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>
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REFERENCES	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>	 : +1 (404) 727-6830  : <a href="mailto:ccarrub@emory.edu">ccarrub@emory.edu</a>
	Stephen O’Connell, Ph.D. Associate Professor Department of Economics <a href="#">Emory University, Atlanta, USA</a>	 : +1 (613) 782-8111  : <a href="mailto:soconnell@emory.edu">soconnell@emory.edu</a>
	David T. Jacho-Chávez, Ph.D. Professor Department of Economics <a href="#">Emory University, Atlanta, USA</a>	 : +1 (404) 727-1381  : <a href="mailto:djachochoa@emory.edu">djachochoa@emory.edu</a>