

Juan Estrada

CONTACT INFORMATION	Analysis Group 800 17 Street NW Washington, DC 20006 United States	 +1 (202) 785 6300  juan.estrada@analysisgroup.com  www.juanestrada.info/  github.com/jjestra  linkedin.com/in/juan-estrada-610411191/
POSITIONS	<ul style="list-style-type: none">• Associate, Analysis Group, Washington, DC 2024-Present• Postdoctoral Fellow, Quantitative Theory and Methods Department Emory University, Atlanta, Georgia 2022-2024 Working with Professor Cliff Carrubba . <i>Topics:</i> legislative behavior, roll-call vote analysis, and vote trading.	
EDUCATION	<ul style="list-style-type: none">• Ph.D. in Economics, Emory University, Atlanta, Georgia 2022• M.Sc. in Economics, Emory University, Atlanta, Georgia 2020• M.Sc. in Economics (Distinction), Universidad EAFIT, Medellín, Colombia 2016• B.Sc. in Economics, Universidad EAFIT, Medellín, Colombia 2014 Major: Quantitative Economics.	
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">1. “netivreg: Estimation of Peer Effects in Endogenous Social Networks,” with Pablo Estrada, Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon. (revise and resubmit)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. (revise and resubmit).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	
	• <i>Quantitative Theory and Methods Department</i>	Fall 2023
	QTM-151: Intro. to Stat.Computing II	
	Undergraduate level	
	• <i>Quantitative Theory and Methods Department</i>	Fall 2022
	QTM-151: Intro. to Stat.Computing II	
	Undergraduate level	
	• <i>Department of Economics</i>	Spring 2021
	Econ 101: Principles Of Microeconomics	
	Undergraduate level	
	Emory University , Atlanta, Georgia - United States. Lab Instructor	
	• <i>Institute for Quantitative Theory and Methods</i>	Fall 2020
	Intro. to Statistical Inference	
	Undergraduate level with Prof. Jin Kim	
	• <i>Institute for Quantitative Theory and Methods</i>	Spring 2020
	Probability and Statistics	
	Undergraduate level with Prof. Zhongjian Lin	
	Emory University , Atlanta, Georgia - United States. Teaching Assistant	
	• Teaching Assistant, <i>Department of Economics</i>	Spring 2022
	Advanced Econometrics	
	Ph.D. level with Prof. David T. Jacho-Chávez	
	• Teaching Assistant, <i>Department of Economics</i>	Fall 2021
	Probab. Theory & Stat. Inference	
	Ph.D. level with Prof. Stefan Hoderlein	
	• Teaching Assistant, <i>Department of Economics</i>	Fall 2020
	Probab. & Stat. for Economists	
	Undergraduate level with Prof. Elena Pesavento	
	• Teaching Assistant, <i>Department of Economics</i>	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

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 [Laney Graduate School, Emory University](#) 2022
- Economics Graduate Student Research Award of Excellence from [Emory University Department of Economics](#) 2022
- Ph.D. Full Scholarship at [Emory University](#) 2017
- Graduation with Honors in the M.Sc. in Economics at [Universidad EAFIT](#) 2016
- Masters Full Scholarship at [Universidad EAFIT](#) 2015

LANGUAGES & OTHER SKILLS

Software: Python, R, Stata, Eviews, MatLab, L^AT_EX, SQL.
Languages: Spanish (Native), English (Fluent)

OTHERS

- 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).
- Course on “Real Analysis and Optimization for Economics”, Universidad de los Andes Summer School

REFERENCES

Clifford Carrubba, Ph.D.

Samuel Candler Dobbs Professor
 Political Science Department
 Department Chair
 Quantitative Theory and Methods Department
[Emory University, Atlanta, USA](#)

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Stephen O’Connell, Ph.D.

Associate Professor
 Department of Economics
[Emory University, Atlanta, USA](#)

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David T. Jacho-Chávez, Ph.D.

Professor
 Department of Economics
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