

## 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>
EDUCATION	<ul style="list-style-type: none"><li>• Ph.D. in Economics, <b>Emory University</b>, Atlanta, Georgia 2022 (Expected)</li><li>• M.Sc. in Economics, <b>Emory University</b>, Atlanta, Georgia 2020</li><li>• M.Sc. in Economics (Distinction), <b>Universidad EAFIT</b>, Medellín, Colombia 2016</li><li>• B.Sc. in Economics, <b>Universidad EAFIT</b>, Medellín, Colombia 2014 Major: Quantitative Economics.</li></ul>	
RESEARCH INTERESTS	Econometrics of Networks, Causal Inference, Applied Microeconomics	
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 (revise and resubmit).</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.</li><li>3. “Causal Inference in Multilayer Social Networks.”</li><li>4. “Bayesian Inference of Network Formation Models with Payoff Externalities,” with Cheng Ding and Santiago Montoya-Blandon.</li><li>5. “On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks,” with Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon.</li></ol>	
RESEARCH EXPERIENCE	<b>Emory University</b> , Atlanta, Georgia - United States <ul style="list-style-type: none"><li>• Research Assistant to Prof. David T. Jacho-Chávez</li></ul> <b>Universidad EAFIT</b> , Medellín - Colombia	Aug, 2018 to May, 2019

- 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**

- *Department of Economics* Spring 2021  
Econ 101  
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. Zhongjian Lin
- *Institute for Quantitative Theory and Methods* Fall 2020  
Probability and Statistics  
Undergraduate level with Prof. Jin Kim

##### **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

1. “European Winter Meetings of The Econometric Society”, University of Barcelona, Spain (Online). December 13-15, 2021
2. “16th Economics Graduate Students’ Conference”, Washington University in St. Louis, USA. October 23, 2021
3. “LACEA LAMES Annual-Meeting 2021”, Universidad del Rosario, Bogotá, Colombia (Online). October 18-22, 2021
4. “2021 Stata Conference”, (Online). August 5-6, 2021
5. “IAAE 2021 Annual Conference”, Erasmus School of Economics, Rotterdam, The Netherlands (Online). June 22-25, 2021
6. “Young Academics Networks Conference”, University of Cambridge, INET (Online). June 1-3, 2021

7. “Sixth annual conference on Network Science and Economics”, Online. March 26-28, 2021
8. “Microeconometrics: Survey Methodology and Data Science Conference”, Ottawa, Ontario, Canada. September 26-27, 2019
9. “Advances in Econometrics: The econometrics of Networks”, Paltinis, Sibiu, Romania. May 16-17, 2019
10. “Fifth annual conference on Network Science and Economics”, Bloomington, Indiana, United States. April 26-28, 2019
11. “LACEA-LAMES Annual Meeting”. Medellín, Colombia. November 10-12, 2016
12. “7 Seminario Internacional de Investigación sobre Calidad de la Educación, Bogotá”, Colombia. November 3-4, 2016
13. “Innova-TE 330”. Bogotá, Colombia. June 27-30, 2016.
14. “17 Annual Global Development Conference”, Lima, Perú. March 17-18, 2016
15. “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<sup>A</sup>T<sub>E</sub>X, 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

Kim P. Huynh, Ph.D.  
 Director  
[Bank of Canada, Ottawa, Canada](#)

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

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