Juan Estrada

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EDUCATION

- Ph.D. in Economics, 2022 (Expected)
  Emory University, Atlanta, Georgia

- M.Sc. in Economics, 2020
  Emory University, Atlanta, Georgia

- M.Sc. in Economics (Distinction), 2016
  Universidad EAFIT, Medellín, Colombia

- B.Sc. in Economics, 2014
  Universidad EAFIT, Medellín, Colombia
  Major: Quantitative Economics.

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 *Advances in Econometrics: The Econometrics of Networks*, 2020, edited by Áureo de Paula, Elie Tamer, and Marcel Voia. Emerald Group Publishing.

WORKING PAPERS

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.

3. "Causal Inference in Multilayer Social Networks."

4. "Bayesian Inference of Network Formation Models with Payoff Externalities," with Cheng Ding and Santiago Montoya-Blandon.

5. "On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks," with Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon.

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**
- *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. 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

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, LaTeX, 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
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