

Luis Guillermo Natera Orozco

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EDUCATION

- Ph.D. Network Science, Central European University, Budapest, 2020 (expected)
Dissertation: *Multilayer Urban Networks*
Advisor: Michael Szell
- M.S. Communication of Science and Culture, ITESO, Tlaquepaque. Mexico, 2015
- B.Arch. Architecture, ITESO, Tlaquepaque. Mexico, 2010

ACADEMIC APPOINTMENTS

- 2016–17 Executive Coordinator Signa_Lab, Department of Sociocultural Studies
ITESO, Tlaquepaque. Mexico

RESEARCH AND TEACHING INTERESTS

Network science
Urban planning and mobility
Big data for social good
Data science and data visualization

PUBLICATIONS

Peer-Reviewed Book Chapters

- 2018 Natera Orozco, L G., Reguillo, R. “Comunicación y cambio social: participación política e internet en Jalisco” *Enciclopedia Jaliscience de la Comunicación.*, edited by Orozco, G., Reguillo, R. Jalisco, Mexico: Universidad de Guadalajara.
- 2018 Natera Orozco, L G. “Un cambio de la comunicación gubernamental y política. De los medios de comunicación a las redes sociales.” *Informe Anual Q Medios 2018*, edited by Bernal, G. Jalisco, Mexico: ITESO.

Reviews and Other Articles

- 2016 Natera Orozco, L G. (as Signa_Lab) “Battle of the hashtags: Mapping the online conversation surrounding Mexico’s gas price” *Global Voices*.

Proceedings, Reports, and Working Papers

- 2014 Natera Orozco, L G. "Comunicación, ciudad e internet: flujos de información urbana en entornos digitales" VI Seminario Internacional de Investigación en Urbanismo. Bogotá, Colombia.

Posters

- 2018 Natera Orozco, L G. "Budapest. Multilayer urban network" State of the Map. Milan, Italy.
2017 Natera Orozco, L G., Ábrego, V. "The evolution of twitter during the US elections" Data Stories. Budapest, Hungary.

INVITED TALKS

- 2015 "Código, Datos Abiertos y Ciudad" Encuentro de Urbanismo Alternativo, Centro Cultural de España en México. Mexico City, Mexico.
2015 "Participación ciudadana, calle y nuevas tecnologías" II Simposio de ciudades y territorios incluyentes "Derecho a la Ciudad", Universidad Autónoma de Yucatán. Merida, Mexico.

CONFERENCE ACTIVITY

Conference Presentations

Presenting author *italicized*, if other.

- 2013 Natera Orozco, L G. "Quiosco Libre, reading network in the public space" Future of Places. Stockholm, Sweden.

FELLOWSHIPS, GRANTS, AND AWARDS

- 2015 Academic Stay at MIT, Mexican National Council of Science and Technology
2013 Master Studies Grant, Mexican National Council of Science and Technology

TEACHING EXPERIENCE

ITESO

- 2017 Network Science (Summer 2017) Co-taught with Emma Towlson (Northeastern University), Sean P. Cornelius (Northeastern University), and Ricardo Zavala (ITESO).
2015–17 Communication, Culture and Society (Spring 2016, 2017)
2015–16 Social Systems Theory (Fall 2015, 2016)

RESEARCH EXPERIENCE

- 2015–17 Researcher, Anillo Primavera. Principal Investigator: Sandra Valdes.
- 2016 Researcher, Online harassment of journalists and activists in Mexico, Jigsaw (formerly Google Ideas) and Global Voices. Principal Investigator: Ellery Biddle.
- 2012 Researcher, Public Transportation in Guadalajara. Principal Investigator: Mario Silva.

ACADEMIC VISITS

- 2015 Center for Civic Media, MIT Media Lab, Boston, USA, Jan - Jun

PROFESSIONAL EXPERIENCE

- 2015–17 Mesura, Networks and Data Specialist. Guadalajara, Mexico.
- 2014 Socialinks, Networks Consultant. Guadalajara, Mexico.
- 2014 Institute for Mobility and Transportation of the State of Jalisco, Mobility Analyst. Zapopan, Mexico.

SKILLS AND METHODS

Statistical and Computational Methods

Network science methods

Programming, data wrangling and visualisation: Python

Web: basic HTML/Javascript

Network visualization: Gephi, Cytoscape

Version control: Git

Other: \LaTeX , Adobe CS, CAD

Languages

Spanish Native

English Professional proficiency

Updated July 2018