

LUIS FELIPE ALVAREZ LEÓN

Curriculum Vitae

Assistant Professor of Geography

Department of Geography, Dartmouth College ◊ Hanover, New Hampshire, 03755

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ACADEMIC APPOINTMENTS

- Dartmouth College, Hanover, NH** 2018-present
Department of Geography
Assistant Professor of Geography
- Clark University, Worcester, MA** 2018
Graduate School of Geography
Visiting Assistant Professor of Urban and Economic Geography
- University of Southern California, Los Angeles, CA** 2016-2018
Sol Price Center for Social Innovation, Sol Price School of Public Policy
Postdoctoral Scholar

EDUCATION

- University of California, Los Angeles** 2016
Ph.D. in Geography (Focus on Economic Geography)
Dissertation: *Assembling Digital Economies: Geographic Information Markets and Intellectual Property Regimes in the United States and the European Union* ⚡
Advisors: Allen J. Scott & Eric S. Sheppard
- ⚡Awarded the 2017 Best Dissertation in Economic Geography by the American Association of Geographers Economic Geography Specialty Group
★Selected as UCLA's single nomination for the 2016-17 Council of Graduate Schools/ProQuest Distinguished Dissertation Award in Social Sciences
- University of California, Los Angeles** 2011
M.A. in Geography
Thesis: *Uploading Hollywood: A Digital Economic Geography of Film Distribution*
Advisor: Allen J. Scott
- UNAM, National University, México** 2009
B.A. Hons. in English. Concentration in Critical Theory

ADDITIONAL TRAINING

- Oxford Internet Institute Summer Doctoral Program** July 2015
University of Oxford Oxford, UK
- Summer Institute in Economic Geography** July 2014
University of British Columbia & University of Frankfurt Frankfurt, Germany
- Diploma in Digital Methods** July 2012
Digital Methods Initiative Summer School, University of Amsterdam Amsterdam, Netherlands
- Diploma in GIS and Remote Sensing** May 2009
UNAM, National University, México, Faculty of Science México City, México

FIELDS OF INTEREST

Economic Geography, Geospatial Data, Information and Communication Technologies, Digital Economy, Digital Infrastructure, Intellectual Property, Internet Governance, Information Policy, Geopolitics, Variegated Capitalism

Areas: North America (United States, Canada, México), European Union

TECHNICAL STRENGTHS

– Geographic Information Systems	Quantum GIS, ArcGIS
– Online Education Platforms	Moodle, Zoom, BlackBoard Collaborate
– Statistical Packages	R, DataDesk
– Visualization	Tableau
– Software	Microsoft Word, Excel, Power Point, Keynote, LaTeX
– Grant Proposals	Writing, Planning, Teaching
– Open Data Platforms	Conceptual Design, Architecture, & Project Management

PUBLICATIONS

Peer-reviewed publications

11. **Alvarez León, L.F.** (2019). “How cars became mobile spatial media: A geographical political economy of onboard navigation”. Invited Submission for J. Frith & D. Özkul (Eds.). “Mobile Media Beyond Mobile Phones” [Special Issue]. *Mobile Media & Communication*. **Forthcoming**.
10. **Alvarez León, L.F.** (2018). “Counter-mapping the Spaces of Autonomous Driving”. Invited article for J. Thatcher & C. Dalton (Eds.). *New Perspectives on Critical Cartography*. [Special Issue]. *Cartographic Perspectives*.
Pre-published online: <http://cartographicperspectives.org/index.php/journal/article/view/1450>.
9. **Alvarez León, L.F.**, Christophers, B., & Yu, L. (Eds.), (2018). “Introduction”. In **L.F. Alvarez León, B. Christophers, and L. Yu** (Eds.), *The Spatial Constitution of Markets* [Special Issue]. *Economic Geography*. 94, 3. 211-216.
DOI: <https://doi.org/10.1080%2F00130095.2018.1441710>.
8. **Alvarez León, L.F.** (2018). “A blueprint for market construction? Spatial data infrastructure(s), interoperability, and the EU Digital Single Market”. *Geoforum*. 92. 45-57.
DOI: <https://doi.org/10.1016%2Fj.geoforum.2018.03.013>.
7. **Alvarez León, L.F.** & Quinn, S. (2018). “The Value of Crowdsourced Street-Level Imagery: Examining the Shifting Property Regimes of OpenStreetCam and Mapillary”. *GeoJournal*. March. 1-20.
DOI: <https://doi.org/10.1007%2Fs10708-018-9865-4>.
6. **Alvarez León, L.F.** (2018). “Information Policy Regimes and the Spatial Constitution of Digital Geographic Information Markets”. In **L.F. Alvarez León, B. Christophers, and L. Yu** (Eds.), *The Spatial Constitution of Markets* [Special Issue]. *Economic Geography*. 94, 3. 217-237.
DOI: <https://doi.org/10.1080%2F00130095.2017.1388161>.

5. **Alvarez León, L.F.** (2017). “The Political Economy of Spatial Data Infrastructures”. In S. Coetzee, F.J. Behr, A. Cooper et al. (Eds.), *Spatial Data Infrastructures (SDI), Standards, Open Data and Open Source Software [Special Issue]*. *The International Journal of Cartography*. November, 1-19.
DOI: <https://doi.org/10.1080%2F23729333.2017.1371475>.
4. **Alvarez León, L.F.** & Gleason, C.J. (2017). “Production, Property, and the Construction of Remote Sensing Data”. *Annals of the American Association of Geographers, Methods, Models, and GIS Section*. 107(5), September, 1-15.
DOI: <https://doi.org/10.1080%2F24694452.2017.1293498>.
3. **Alvarez León, L.F.** (2016). “Property Regimes and the Commodification of Geographic Information: an Examination of Google Street View”. In A. Leszczynski & J. Crampton (Eds.). *Spatial Big Data and Everyday Life [Special issue]*. *Big Data & Society*. July-December, 1-13.
DOI: <https://doi.org/10.1177%2F2053951716637885>.
2. **Alvarez León, L.F.** (2015). “The Digital Economy and Variegated Capitalism”. *Canadian Journal of Communication*. 40(4), 637-654.
URL: <http://cjc-online.ca/index.php/journal/article/view/2952/2670>.
★ Winner of the 2015 UCLA Geography Department Graduate Student Publication Award.
1. León-Manríquez, J.L., and **Alvarez, L.F.** (2014). “Mao’s steps in Monroe’s backyard: towards a United States-China hegemonic struggle in Latin America?” [Special issue]. *Revista Brasileira de Política Internacional*. 57(spe), 9-27.
DOI: <https://doi.org/10.1590%2F0034-7329201400202>.

Book chapters

6. **Alvarez León, L.F.** (2018). “The emergence of Netflix and the new digital economic geography of Hollywood”. In A.S. Buck & T. Plothe, (Eds.). *Netflix at the Nexus: Content, Practice, and Production in the Age of Streaming Television*. Bern, Switzerland: Peter Lang. **Forthcoming**.
5. León-Manríquez, J.L. & **Alvarez León, L.F.** (2018). “The geography of Mexico’s integration in the Pacific and the long shadow of NAFTA”. In S. Kochi & P. De Lombaerde (Eds.), *Volume on regionalism in Asia Pacific and Latin America*. United Nations University Series on Regionalism. Abingdon, UK: Routledge. **Forthcoming**.
4. **Alvarez León, L.F.** (2017). “Researching the Property Regimes of Geographic Information”. *SAGE Research Methods Cases*. Thousand Oaks, CA: SAGE.
URL: <http://methods.sagepub.com/case/researching-the-property-regimes-of-digital-information>.
3. Ashraf, C. & **Alvarez León, L.F.** (2016). “The Logics and Territorialities of Geoblocking”. In R. Lobato & J. Meese (Eds.), *Geoblocking and Global Video Culture*, 42-53. Amsterdam: Institute of Networked Cultures.
URL: <http://networkcultures.org/blog/publication/no-18-geoblocking-and-global-video-culture/>.
2. **Alvarez León, L.F.** (2015). “Copyrights”. In F. Wherry & J. Schor. (Eds.), *The SAGE Encyclopedia of Economics and Society*, 458-460. Thousand Oaks, CA: SAGE.
DOI: <http://dx.doi.org/10.4135/9781452206905.n181>.
1. **Alvarez León, L.F.** (2015). “Fair Use”. In F. Wherry & J. Schor. (Eds.), *The SAGE Encyclopedia of Economics and Society*, 669-670. Thousand Oaks, CA: SAGE.
DOI: <http://dx.doi.org/10.4135/9781452206905.n265>.

Edited volumes

1. **L.F. Alvarez León**, B. Christophers, & L. Yu (Eds.), (2018). The Spatial Constitution of Markets. [Special Issue]. *Economic Geography*.

Book reviews

3. **Alvarez León, L.F.** (2018). Review: “*Economic Geography. A Critical Introduction*. Trevor J. Barnes and Brett Christophers”. *Economic Geography*. 94(5).
DOI: <https://doi.org/10.1080%2F00130095.2018.1505428>.
2. **Alvarez León, L.F.** (2017). “Architectures of the Information Age”. Review essay of *Information Doesn't Want to be Free* by Corey Doctorow and *Interop* by John Palfrey and Urs Gasser. *Journal of Cultural Economy*. 10(2), 217-222.
DOI: <https://doi.org/10.1080%2F17530350.2016.1242432>.
1. **Alvarez León, L.F.** (2016). Review: “*Society & the Internet*. Mark Graham and William H. Dutton (Eds.)”. *Environment and Planning B: Planning and Design*. November 15, 1-2.
DOI: <https://doi.org/10.1177%2F0265813516677110>.

UNDER REVIEW

7. **Alvarez León, L.F.** “Eyes on the Road: Surveillance Logics in the Autonomous Vehicle Economy”. Invited submission to D. Murakami Wood & T. Monahan (Eds.). Special Issue of *Surveillance & Society*. **Revise & Resubmit**.
6. Tarr, A. & **Alvarez León, L.F.** (2018). “Will Review for Points: The Unpaid Affective Labor of Place-making for Google’s *Local Guides*”. *Feminist Review*. **Revise & Resubmit**.
5. **Alvarez León, L.F.** & Rosen, J. “Technology as Ideology in Urban Governance”. Invited Submission for L. Bian (Ed.). “Smart Spaces and Places”, Special Issue of *Annals of the American Association of Geographers*.
4. Quinn, S. & **Alvarez León, L.F.** “Every Single Street? Rethinking Full Coverage Across Street-Level Imagery Platforms”. *Transactions in GIS*.
3. **Alvarez León, L.F.** “Satellite revolutions: the changing political economy of remote sensing”. Invited Submission for J.E. Goldstein & E. Nost (Eds.). *The Nature of Data: Infrastructures, Environments, Politics*. University of Nebraska Press.
2. **Alvarez León, L.F.** (2018). “Engineering the Mechanism / Repairing the Robot: Artificial Intelligence at the Intersection of Education and Industry”. Invited chapter for T. Jules & F. Salajan (Eds.). *The Educational Intelligent Economy*. International Perspectives on Education and Society (IPES). Emerald Publishing.
1. **Alvarez León, L.F.** (2018). “Automation”. Invited chapter for A. Kobayashi et al (Eds.). *International Encyclopedia of Human Geography, 2nd Edition*.

IN PREPARATION

4. **Alvarez León, L.F.** & Aoyama, Y. “Cars with computers or computers on wheels? Competing and converging paradigms in the informatization of the auto industry”. For submission to *Journal of Economic Geography*
3. Rosen, J., **Alvarez León, L.F.**, De Gregorio, S. & Choi, J.H. (2018). “Theoretical distance and bounded measurement in the development of composite indicators”. For submission to *Sociological Theory*.
2. Choi, J.H., **Alvarez León, L.F.**, & Rosen, J. “How Does Agglomeration Shape Youth Opportunity Across the Urban/Rural Divide? Evidence from the Los Angeles Region”.

1. **Alvarez León, L.F.** “Intellectual Property, interoperability and the construction of a geographic information market in the United States”.

DIGITAL PLATFORMS

1. “Neighborhood Data for Social Change”. (2017). USC Sol Price Center for Social Innovation. First collaborative mapping, visualization, and storytelling open data platform focused on the neighborhoods of Los Angeles, CA. Conceptual architecture, implementation, and team leadership. URL: <https://socialinnovation.usc.edu/special-initiatives/neighborhood-data-for-social-change/>

GRANTS, AWARDS & RECOGNITIONS

Walter and Constance Burke Research Initiation Award <i>Dartmouth College Faculty of Arts and Sciences</i>	2018 \$12,500 USD
Best Dissertation in Economic Geography <i>American Association of Geographers, Economic Geography Specialty Group</i>	2017 \$500 USD
Postdoctoral Research Fellowship <i>USC-CONACYT</i>	2016-2018 \$136,000 USD
Dissertation selected as UCLA’s single nomination for the 2016-17 CGS/ProQuest Distinguished Dissertation Award in Social Sciences <i>UCLA Department of Geography, UCLA Vice Provost/Dean</i>	2016
First Place, UCLA Kurnitz Writing Award <i>UCLA Dashew Center for International Students and Scholars</i>	2016 \$2,500 USD
Princeton CITP and University of Vienna Doctoral Workshop (declined) <i>University of Vienna, Austria</i>	2016
➤ Selected Participant	
Dissertation Year Fellowship <i>UCLA Graduate Division</i>	2015-2016 \$20,500 USD plus tuition and fees
CONACYT–UC MEXUS Doctoral Grant <i>CONACYT & UC MEXUS</i>	2011-2016 \$60,000 USD plus tuition and fees
Graduate Student Publication Award <i>UCLA Department of Geography</i>	2015 \$200 USD
Summer Institute in Economic Geography <i>University of Frankfurt, Germany</i>	2014 \$250 USD
AAG Economic Geography Specialty Group Travel Award <i>Association of American Geographers</i>	2014 \$250 USD
CIBER Summer Doctoral Institute (declined) <i>George Washington University, Washington D.C.</i>	2013
➤ Selected Participant	
Honorable Mention, UCLA Kurnitz Writing Award <i>UCLA Dashew Center for International Students and Scholars</i>	2013
Fulbright-Garcia Robles Fellowship <i>Mexico-U.S. Commission for Educational and Cultural Exchange</i>	2009-2012 \$45,000 USD plus tuition

PRESENTATIONS

19. **Association of American Geographers Annual Meeting** April 2019
Washington, DC
 - Co-organizer (with Jim Thatcher, University of Washington, Tacoma)
Session: “Digital Enclosures”

18. **Hofstra University Mu Kappa Geography Honors Society Induction** May 2018
Long Island, NY
 - **Invited Keynote Speaker:** “From Streetscapes to Navigable Landscapes: Crowdsourcing and Contesting the Spaces of Autonomous Driving”

17. **Association of American Geographers Annual Meeting** April 2018
New Orleans, LA
 - Presenter: “Counter-mapping the spaces of autonomous driving”
Session: “Geographies of Urban Automation II: Transport and infrastructure”

 - Panelist. Session: “Flying High, Laying Low: Talking Methods for Financial Economies”

16. **AAG Digital Geographies Specialty Group** April 2018
New Orleans, LA
 - Co-Organizer: “More than Critical, More than GIS Workshop”. Organizers (alphabetically): Luis Alvarez León, Clark University; Craig Dalton, Hofstra University; Rina Ghose, University of Wisconsin - Milwaukee; Jack Gieseck, Trinity College; Liz Mason-Deese, George Mason University; Eric Nost, University of Wisconsin - Madison; Jim Thatcher, University of Washington Tacoma; Clancy Wilmott, University of Manchester; Matthew Wilson, University of Kentucky.

15. **Clark University Graduate School of Geography Colloquium Series** March 2018
Worcester, MA
 - **Invited Colloquium Speaker:** “Virtual landscapes and automated spaces: commodification and contestation in the (geospatial) digital economy”

14. **Association for Public Policy Analysis & Management** November 2017
Chicago, IL
 - “Opportunity Youth: Different Location, Different Opportunity?”
Session: “Measuring Neighborhood Opportunity”

13. **Association of American Geographers Annual Meeting** April 2017
Boston, MA
 - Presenter: “Automating Space: Artificial Intelligence, Autonomous Driving, and the New Political Economy of Mapping in the 21st Century”
Session: “Digital \Human \Labour 3: The Algorithmic Labour of Being”

 - Discussant. Session: “Information geographies: Social dimensions of Web 2.0 cartographies”

12. **Association of American Geographers Annual Meeting** April 2016
San Francisco, CA
 “Institutional Logics of Deployment and the Paradoxes of Open Data”
 Panelist. Session: “Disrupt Geo 1: new ideas from the front lines of maps, mobile, and big data”
11. **First International Conference on Anticipation** November 2015
Università degli Studi di Trento, Trento, Italy
 “The technological singularity and the political imaginaries of automation”
10. **Cosmopolis Centre for Urban Research** September 2015
Vrije Universiteit Brussel, Department of Geography, Brussels, Belgium
 ➤ **Invited Lecture:** “Intellectual Property Regimes and the Spatial Constitution of Geographic Information Markets”
9. **Fourth Global Conference on Economic Geography** August 2015
University of Oxford, Oxford, UK
 “Intellectual Property Regimes and the Spatial Constitution of Geographic Information Markets”
8. **Oxford Internet Institute, Summer Doctoral Programme** July 2015
University of Oxford, Oxford, UK
 “What Makes a Map and Who Owns it? Property Regimes and Commodification in the Geoweb”
7. **Association of American Geographers Annual Meeting** April 2015
Chicago, IL
 ➤ Presenter: “What Makes a Map and Who Owns it? Property Regimes and Commodification in the Geoweb”

 ➤ Chair, co-organizer and presenter. Session: “The Spatial Constitution of Markets”
6. **Association of American Geographers Annual Meeting** April 2013
Los Angeles, CA
 “The Territorial Dimension of the Internet”
5. **Association of American Geographers Annual Meeting** April 2013
New York City, NY
 “Cloudy Skies Ahead. How the Internet is Transforming the Space-Economy”
4. **Los Angeles Geographical Society** May 2011
L.A. City College, Los Angeles, CA
 “The Digital Economic Geography of Hollywood”
3. **Internet Geographies Course. Prof. Yuko Aoyama** November 2011
Dept. of Geography, Clark University, Worcester, MA
 Guest lecture: “Internet Distribution, Regulation & Geography”
2. **Association of American Geographers Annual Meeting** April 2011
Seattle, WA
 “The Digital Economic Geography of Hollywood”

ACADEMIC SERVICE AND PEER REVIEW

Peer-reviewed Journals

- *Annals of the American Association of Geographers* (2018)
- *Big Data & Society* (2018)
- *Geoforum* (2018)
- *International Journal of Geographic Information Science* (2018)
- *Political Geography* (2018)
- *Progress in Human Geography* (2018)
- *Regional Studies* (2018)
- *Revista Brasileira de Política Internacional* (2017)
- *Surveillance & Society* (2018)

Academic Publishers

- SAGE Publications Inc. (Research Methods, Statistics & Evaluation) (2016)

Professional Associations

- Association of Internet Researchers

LANGUAGES

- Spanish (Native)
- English (Native Proficiency)
IELTS score: 8/9 (2008)
TOEFL score: 114/120 (2008)
- French, Portuguese, Italian (Basic Reading)

ACADEMIC ADVISING

- Master’s Thesis

2. **Brenna Robeson**

Exp. May 2019

*Clark University, School of International Development, Community, and Environment,
M.A. in Community Development and Planning
(External Advisor)*

“Using Critical GIS to Reimagine Food Deserts in Worcester, MA”

1. **Will Heikes**

May 2018

*Clark University, Graduate School of Geography,
M.S. in Geographic Information Science
(Committee Member)*

“Dónde está ‘Mi Gente?’ An analysis of Spanish-language music awareness using tweets in the United States”

- Undergraduate Thesis

1. **Nathan Bram**

May 2018

*Clark University, B.A. in Geography
(Reader)*

“Redevelopment in Haifa: mitigating interests in a “mixed” city”

- Undergraduate Capstone Projects

1. **Isabelle Costa**

May 2018

*Clark University, B.A. in Geography
(Advisor)*

“Global Governance and E-Waste in Ghana: Unpacking the Narratives of “Toxic Trade” and Resource Recovery”

TEACHING

Clark University Graduate School of Geography, Worcester, MA

2018

Visiting Assistant Professor of Urban-Economic Geography

Designing and teaching geography courses at Undergraduate and Graduate levels. Department advisor to first-year students.

Courses taught at the Clark University Graduate School of Geography:

- GEOG 257/357 – Internet Geographies (2018)

Instructor

Upper Division & Graduate course exploring the geographical dimensions, as well as the political, economic, and social impacts of the Internet.

- GEOG 286/386 – Critical GIS with R (2018)

Instructor

Upper Division & Graduate course integrating a Critical GIS seminar component with a lab focused on acquiring the necessary skills to use R as a Geographic Information System, in order to develop a critically informed geospatial practice.

University of California, Los Angeles, CA

2010-2016

Lecturer, full instructor, teaching fellow, teaching associate & teaching assistant

Extensive experience teaching and designing in-person, hybrid and online courses in a wide range of subfields in Human Geography, Geographic Information Systems and Global Studies.

Team leader in the redesign of the Geographic Information Science Program at UCLA coordinated by Prof. Michael Shin towards hybrid, open source and fully online capabilities. This was a pioneering project in the University of California which allowed cross-campus enrollment and was recognized by the University of California Office of the President with the Innovative Learning Technology Initiative Grant.

Courses taught at the UCLA Department of Geography:

- GEOG 184 – California Geography (2016)

Lecturer

Upper Division class integrating physical, political, economic, and social geographies of California.

- GEOG 7 – Introduction to Geographic Information Systems (2013-2015)

Full Instructor (Summer 2014), Teaching Fellow (2013-2015)

In Summer 2014 I taught the first-ever hybrid (online + in-person) and open-source GIS summer

course at UCLA. I was part of the team that developed this course during 2013 led by Prof. Michael Shin.

- GEOG 3 – Cultural Geography (2014)

Full Instructor (Summer)

Developed an original course focused on the history and theory of cartography, along with the evolution of mapping technologies to illuminate the construction of key concepts in cultural and political geography.

- GEOG 167 – Cartography (2014)

Teaching Fellow

- GEOG 4 – Globalization: Regional Development and the World Economy (2012, 2013)

Full Instructor (Summer 2013), Teaching Assistant (2012)

In Summer 2014 I developed an original course centered on the analysis of global trends through the close study of transnational firm networks, national and international politics and trade policies.

- GEOG 5 – People and Earth's Ecosystems (2011, 2013)

Teaching Assistant (2011), Teaching Fellow (2013)

- GEOG 2 – Biodiversity in a Changing World (2011, 2012)

Teaching Assistant

Courses taught at the UCLA Global Studies Program:

- Global Studies 1 – Globalization (2013)

Full Instructor (Summer)

I developed this course by expanding the material produced for GEOG 4 (Globalization) to discuss in greater depth the production cycles of global capitalism, the role of the state and the increasingly salient role of non-state actors such as social movements.

Courses taught at the UCLA Academic Advancement Program:

- GEOG 3 – Cultural Geography (2012, 2013)

Teaching Fellow (Summer)