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NICOLAS PALOMINOS

My research bridges urban design with a quantitative understanding of cities. I am especially interested in the potential of urban data for the creative and strategic spatial analysis of urban systems.

academic positions

Doctoral Researcher, Centre for Advanced Spatial Analysis, UCL, PhD candidate
“Rethinking streets: a study of streetspace allocation metrics and street networks in London”, 2016–Present (expected completion: Nov. 2020).
Research Assistant, The Sir John Cass School of Architecture, **Industrial Activities in Southwark** survey and research, 2019–2020.
Research Assistant, The Bartlett Faculty of the Built Environment, UCL, **Planning Urban Manufacturing** project, Bartlett Synergy Grant (BSP, BSA) and **Cities of Making** project (BSEER), Circular Economy Lab, 2018–2019.
Postgraduate Teaching Assistant, University College London, Module ‘Geographic Information Systems and Science’ (Centre for Advanced Spatial Analysis), Module ‘Understanding Cities and their Spatial Cultures’ (Bachelor of Arts and Science), 2018–2019.
Teaching Associate, School of Architecture, Universidad Tecnológica Metropolitana, Chile, Module ‘Introduction to Urban Studies’, 2013–2016.
Researcher, LSE Cities, **Ordinary Streets** project, 2012.

education

MSc., City Design and Social Science, The London School of Economics and Political Science, 2012, With Merit.
Title of Architect, Pontificia Universidad Catolica, 2004, Two votes of Distinction.
B. Arch., Pontificia Universidad Catolica, 2004, Chile.

Training

Territorial Competitiveness Policy, Latin American and Caribbean Institute for Economic and Social Planning, 2015, Chile.
Introduction to Geospatial Information Management, Universidad Tecnológica Metropolitana, 2013, Chile.
Diploma in Urban and Environment Law, Universidad de Talca, 2011, Chile.
Urban Plans and Planning Regulations, Pontificia Universidad Catolica, 2010, Chile.
Diploma in Urban Management and Governance, Pontificia Universidad Catolica, 2007, Chile.

publications

Working papers

- Nicolas Palominos and Duncan A Smith, 2020, “Identifying and Characterising Active Travel Corridors for London in Response to COVID-19 Using Shortest Path and Streetspace Analysis”, *CASA Working Paper Series 222*.
- Nicolas Palominos, Sam Griffiths, et. al, 2020, “Visualising Manufacturing Activity in London”, *28th GISRUUK Conference Proceedings*.
- Nicolas Palominos and Duncan A Smith, 2019, “Quantifying and Mapping Streetspace: a Geocomputational Method for the Citywide Analysis of Pedestrian and Vehicular Streetspace”, *CASA Working Paper Series 212*.

Journal articles

- Nicolas Palominos and Hrishi Ballal, 2018, “Web-based analytical tools to support decision-making in the context of tactical street design”, *DISEGNARECON 11*, no. 20.
- Guy Trangos, Ilana Adleson, Nicolas Palominos, et. al, 2014, “Reordered publics: Re-imagining the City of London”, *City*, 18:2, 191-213.

Book Chapters

- Nicolas Palominos and Duncan A Smith, Forthcoming, “Identifying and Characterising Active Travel Corridors for London in Response to COVID-19 Using Streetspace and Shortest Path Analysis ” in “Human Dynamics in Smart Cities” (Springer), *edited by Shih-Lung Shaw and Dan Sui*.

Book Illustrations

- “Working Cities Architecture, Place and Production”, 2019, Routledge, *Howard Davis*.
- “Volver al Centro: la recuperacion de areas urbanas centrales” (Back to the Centre: Recovery of Central Urban Areas), 2004, Inter-American Development Bank, *Eduardo Rojas*.

Essays

- Nicolas Palominos, Forthcoming, “Quantifying forms of life: what to measure?”, *Derivas London, Derive Lab*.
- Nicolas Palominos and Adriana Valdez Young, 2013, “Little Lagos Legit in London”, *Makeshift Magazine*.

- conferences & presentations
- “Visualising Manufacturing Activity in London”, 28th GISRUK Conference, London (Birkbeck & UCL), *Online Conference*. 2020
 - “Streetspace allocation analysis in London”, Urban Analytics & Small Spaces session, RAMP (Rapid Assistance in Modelling the Pandemic), Infectious Dynamics of Pandemics (IDP) - Isaac Newton Institute for Mathematical Sciences, Alan Turing Institute., *Online presentation*. 2020
 - “Citywide analysis of streetspace in London”, 3rd INTERNATIONAL LAND USE SYMPOSIUM. Land use changes: Trends and projections, *Paris*. 2019
 - “Streetspace Designation Metrics” (poster), London Walking and Cycling conference 2019, *London*. 2019
 - “City-wide street cross-section analysis: a multi-scale approach”, Bartlett PhD Research Projects 2019 Exhibition and Conference, *London*. 2019
 - “City-wide street cross-section analysis. A new method to study streets”, UrbanSys2018 Transport, Smart Cities, Complexity and Urban Networks. satellite of Conference on Complex Systems, *Thessaloniki*. 2018
 - “Analyzing impacts of tactical urbanism in the context of street design”, GEODESIGN SOUTH AMERICA 2017. Strategic Planning for Alternative Futures, *Belo Horizonte*. 2017
 - “GEO-CGR. Control Ciudadano de Obras” (Citizen Oversight of Public Works), Seminar “Trends and Patterns of Urban Development. New instruments for urban information management”, UTEM, *Santiago*. 2014
- grants & awards
- Grants*
- Bartlett Innovation Fund. Enterprise Advisory Group, Sustainable Mobility and Urban Planning Analytics, *Co-founded Bartlett research group _Streets*. 2020
 - Becas Chile PhD Scholarship, National Commission for Scientific and Technological Research, *Chile*. 2016
 - Becas Chile Master Scholarship, National Commission for Scientific and Technological Research, *Chile*. 2011
- Grants (professional practice)*
- Institutional strengthening to improve transparency and citizen participation in public works surveillance systems, Federal Ministry for Economic Cooperation and Development (BMZ) of Germany, *Chile*. 2014–2015
 - CH-T1135 : Institutional Strengthening of the Comptroller General, for improving transparency, accountability and effectiveness of public administration, Inter-American Development Bank, *Chile*. 2013–2015

Awards

Parcel Hack 2019 'Hacking the last-mile', FTC2050 (EPSRC), CitySprint, Transport for London and Geovation, *First place*.

Gobierno Regional Metropolitano, Santiago, Chile., Award to Dissertation of Metropolitan Impact, *Urban operations in the periphery: educational facilities for city regeneration*. 2003

School of Architecture, Pontificia Universidad Catolica, Honours Diploma to Academic Excellence, *Graduation Phase*. 2003

III Architecture Bienal Jose Miguel Arostegui, Brazil, Honorable Mention, *Bioclimatic Schools Contest*. 2001

professional practice

Designer and Analyst, 2009–2016, The Comptroller General of the Republic of Chile, Designing digital solutions to foster civic engagement through the provision of geospatial information (**GEO-CGR**). Conducting Regulatory Assessments of urban planning instruments of different administrative levels.

Project Manager & Designer, 2007–2009, Municipality of Penalolen, Chile, Leading the multidisciplinary task force that designed and implemented a government urban regeneration program in a deprived neighbourhood.

Project Manager & Designer, 2006–2007, Ministry of Housing and Planning, Chile, Leading the multidisciplinary task force that designed the urban Master Plan for a deprived neighbourhood within a government program of urban regeneration.

Designer & Project Manager, 2004–Present, Independent professional practice, Designing, managing and coordinating various small-scale projects. Collaborated with firms in projects of public interest. Co-founded **CAMINABLE**, an urban design and planning consultancy. Co-founded **S3**, a startup about a system of shared scooters.