ANEXO: CURRICULUM VITAE ABREVIADO

A. DATOS PERSONALES

Nombre y apellidos	Kayvan Karimi		
DNI/NIE/pasaporte	P GBR 510956176	Fecha de nacimiento	12 / 08 / 1962

A.1. Situación profesional actual

Organismo	University College London (UCL)		
Dpto./Centro	The Bartlett School of Architecture – Director, Space Syntax Limited		
Dirección (País)	2nd Floor, 140 Hampstead Road, London NW1 2BX, UK		
Teléfono	+44 (0) 20 3108 9017 +44 7715 371 392	correo electrónico	k.karimi@ucl.ac.uk
Categoría profesional	Profesor Titular	Fecha inicio	2011

A.2. Formación académica

Licenciatura/Grado/Doctorado	Universidad	Año
Architect	MSc/BSc in Architecture, University of Tehran	1988
PhD	PhD in Architectural and Urban Morphology, UCL	1998

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

Dr. Kayvan Karimi is a Senior Lecturer within the Space Research Group at the Bartlett, UCL, and the Course Director of MRes in Spatial Design: Architecture and Cities (MRes SDAC). He is also the Director of Space Syntax Limited, a UCL spin-off company that utilises Bartlett's research in professional consultancy. Kayvan is an architectural and urban designer with more than twenty years of academic and professional experience. His academic and professional experience spans from the East, where he originates, to the West, where he has spent most of his professional life. He has worked extensively on a wide range of research and consultancy projects, including: strategic city planning, urban regeneration, large-scale urban master planning, urban conservation, revitalisation of historic centres, regeneration of informal settlements, complex buildings, public realm design and pedestrian movement planning. In recent years, Kayvan has been developing advanced methods for evidence-based design and planning of the built environment, from a very macro scale, such as master planning of an entire city, to very micro scale, such as the design of small public spaces or buildings. Kayvan has maintained his teaching and research activities in parallel to his main role in leading consultancy projects. He has become a senior lecturer at the Bartlett School of Graduate Studies, UCL, since January 2011, and established the new MRes SDAC course in 2013.

Research Summary.
My main research activities are focused on the following areas:

1. Evidence-informed, analytical, urban and architectural design
Linking objective methods of analysing space, from a micro to a macro scale, and linking it with other layers of urban and architectural attributes, such as movement, behaviour, land use, density and perception, create a powerful method of engaging in the design process from the outset to the end. I have been using these methods continuously in research and consultancy in the past fifteen year. My ongoing research is on the work towards enhancing these methods and their applications.

2. Organic cities, naturally-evolved urban systems and urban heritage
Organically evolved urban systems are very dynamic, attractive and efficient, but at the same time they are complex, puzzling and ambiguous. Many urbanists admire them but find it difficult to explain them in an analytic and objective way. During my doctoral research in 1990s, and in research and consultancy projects

that I have done afterwards, I have been analysing organic urban systems all around the world. The main goal of the research is to understand these systems better, but more importantly, it is about finding effective solutions for regeneration and conservation of these systems, which are central to many historic cities and towns around the world.

3. Informal settlements and slum regeneration

A major type of organic growth, which happens in a very fast and energetic way, is an informal or un-planned settlement. In contrast to the more historic and evolved organic cities, informal settlements do not have enough time to create a highly evolved, efficient system that we find in historic towns. Despite sharing some similarities, such as vibrancy and urban buzz, with other organic developments, informal settlements have to deal with huge challenges of urban decline, poverty, lack of infrastructure and basic facilities. My research seeks to underpin the roots of problems in unplanned settlements by analysing their spatial structure and linking it with other layers of urban function and activity in the context of the wider city. Solutions for regeneration and upgrading emerge from a process of analysing the settlements, identifying the fundaments problems and finding solution to fix them in close connection with the socio-economic conditions of each settlement.

4. Strategic planning and large-scale urban developments

Large-scale planning usually falls within an area of research that architectural and urban design approaches tend not to be concerned about or even interested in. This area is normally left to regional and city planning discipline which by nature tends to generalise the issues and minimise the need for accurate and rigorous spatial investigations. The theory and methods of space syntax provides an approach that a large urban system could be investigated by the accuracy and rigour that we use at architectural or urban scale. I have been using these methods in looking at very large urban systems and engage with the process of strategic planning and decision-making by applying methods of spatial analysis and linking them with other attributes of the city such as landuse, movement, density and demographics. I foresee a big potential for this type of research to be utilised in any type of large-scale planning in future.

APPOINTMENTS/AFFILIATIONS/AWARDS

2016   Chair, MRes Committee, The Faculty of Built Environment, UCL
2015   Chair, The 10th Space Syntax Symposium
2013   Course Director, MRes Spatial Design: Architecture & Cities
2013   Guest Editor, Journal of Space Syntax (Special Issue: Urban Challenges)
2011   Editorial Board, Urban Design International
2011   Associate Editor, Journal of Space Syntax (JOSS)
2010   Panel Member, London Design Surgery, Urban Design London
2010   Academician, The Academy of Urbanism
2010   Final project evaluation panel member, IFoU (International Forum on Urbanism) summer school, Beijing University of Technology.
2007   Steering Group, International Space Syntax Symposium
2006   Jury, International Competition, Jabal Khandama, Mecca
2005   Design Review Critic, CABE

Parte C. MÉRITOS MÁS RELEVANTES

C.1. Publicaciones

-SHEN, Y., & KARIMI, K. (2016). Urban function connectivity: Characterisation of functional urban streets with social media check-in data. Cities, 55. Cities.
-KARIMI, K., ACHARYA, A., & PARHAM, E. (2015). Integrated sub-regional planning informed by weighted spatial network models: The case of Jeddah sub-regional system. The Proceedings of the 10th International Space Syntax Symposium.
-KARIMI, K, & VAUGHAN, L. S. (2014). An evidence-based approach to designing new cities: the English New Towns revisited. In P. M. Carmona (Ed.), Explorations in Urban Design (pp. 261-274). Ashgate Publishing, Ltd..

-KARIMI, K. (2013). Beirut: Normalities and abnormalities of a complex city. Journal of Space Syntax, 4 (1), 110-122.

-KARIMI, K., PARHAM, E., FRIEDRICH, E., & FERGUSON, P. (n.d.). Origin-Destination Weighted Choice Model as a New Tool for Assessing the Impact of New Urban Developments. Proceedings of Ninth International Space Syntax Symposium. Sejong University Press 2013.

-KARIMI, K. (2012). A configurational approach to analytical urban design: 'Space syntax' methodology. Urban Design International, 18, 3.

-KARIMI, K. (2012). A reflection on 'Order and structure in urban design'. Journal of Space Syntax, 3 (1), 38-48.

-KARIMI, K., & PARHAM, E. (2012). An evidence informed approach to developing an adaptable regeneration programme for declining informal settlements. Eighth International Space Syntax Symposium. Santiago, Chile.

-KARIMI, K. (2012). Special issue: Evidence-informed and analytical methods in urban design. Urban Design International, 17 (4), 253-256. doi:10.1057/udi.2012.24

-KARIMI, K. (2011). Resolving the Challenge of Urban Simulation in Evidence-informed Urban Design and Planning: Space Syntax Methodology. Journal of the Architectural Institute of Japan, 8 (2011).

-KARIMI, K. (2009). 'New Towns of England in Transition: reshaping through understanding the reasons for failure'. In I. N. T. Institute (Ed.), Model Town: Using Urban Simulation in New Town Planning. Almere, Netherland: International New Towns Institute.

-KARIMI, K., AMIR, A., & SHAFEI, K. (2007). Evidence-based Spatial Intervention for Regeneration of Informal Settlements: the case of Jeddah Central Unplanned Areas.

-KARIMI, K. (2002). Organic Cities Demystified; a unique urban experience or an organic city like Others. Built Environment, 28 (3).

-STONOR, T., & KARIMI, K. (2001). Unlocking the past. Urban Design Quarterly (70).

-KARIMI, K. (2000). Urban conservation and spatial transformation: preserving the fragments or maintaining the spatial spirit. Urban Design International, 5 (3-4).

C.2. Proyectos / C.3. Contratos

SELECTED RESEARCH/CONSULTANCY PROJECTS

-2016-   Refugee Cities: The Actual Spaces of Migration. Exhibiting Tangible Evidences On the European Migration Phenomenon
Role: Principal Investigator, The Bartlett Faculty of Built Environment, UCL, total grant value: £50,000.

-2009-15   Platform Grant: Space, Technologies and the Design of the Built Environment (EPSRC Reference: EP/G02619X/1)
Role: Co-Investigator, Principal Investigator: Professor Alan Penn, The Bartlett Faculty of Built Environment, UCL, total grant value: £1,180,902.

-2014-15   Jeddah Metro Architectural Design
Role: project director, Client: Jeddah Metro Company (JMC), Project leader Foster+Partners Team, Project value: app. £1.2m (Space Syntax share)

-2013-15   Sub-regional Plan, Structural Plan and Local Plans for Jeddah, Saudi Arabia
Role: project director, Client: Jeddah Development and Urban Regeneration Company (JDURC), Project leader AECOM, Project value: £8.5m (£1.2m Space Syntax Limited's share)

-2011   Minimum intervention, public assisted Improvement Frameworks for unplanned settlements of Jeddah, Saudi Arabia
Role: project director, Client: Jeddah Development and Urban Regeneration Company (JDURC), Project value: £280k

-2010   Integrated urban design assessment model and detailed analysis of the pedestrian behaviour, Masdar, Abu Dhabi, 2010
Role: Project director, Client: Masdar (the Abu Dhabi Future Energy Company), in collaboration with: lead masterplanners, Foster and Partners, Project value: £100k

-2009-2010   Evidence-informed regeneration plans for non-central unplanned settlements, Jeddah
Role: project director, Client: Jeddah Development and Urban Regeneration Company, Project value: £420k
-2009-2010   Evaluation of the 2012 Olympics 'Transformation' and 'Legacy' masterplans for urban connectivity, pedestrian movement and layout efficiency
-2009-2010   Urban development framework for a self-growing new town: Al-Harrazat, Saudi Arabia
Project director, Client: Jeddah Development and Urban Regeneration Company, project value: £290k
-2009-10   Jeddah Central Unplanned settlements urban development framework
Role: project director, Client: Jeddah Development and Urban Regeneration Company (JDYRC), Project value: £420k
-2003-06   'Agora, Cities for people: Capital Routes in European Cities'
Role: Project director, Client: European Union (under the Framework 5 Programme), total Funding: £3m, Space Syntax' share £370k (matched by another £370k provided by Space Syntax)
-2004-05   Tourist Flows in London
Role: project director, Client: London Development Agency (LDA), Project value: £150k

C.4. Patentes
C.5. Otros
KEYNOTE AND INVITED LECTURES

2015   'Space Syntax in Policy and Practice', keynote at the 10th International Space Syntax Symposium, London, 17 July 2015

2014   'Smart methodologies for Unsmart cities: The power of the spatial networks', keynote speak at 'Smart Infrastructure for the Unsmart City' event held by Urban Land Institute, London, 09 July 2014

2014   Historic cities in large urban contexts: spatial networks, physical transformation, and urban conservation, keynote speak at 'Interventions in cities with historic buildings in metropolitan areas of influence: experiences in Britain, France and Portugal' conference, Instituto Enrique Castillo de Investigación e Ingeniería Civil y Arquitectura, Cuenca, Spain, 21-22 February 2014 http://www.uclm.es/actividades/evento.aspx?id_evento=4939

2013   'Integrating network accessibility into the planning of cities: an alternative approach', keynote speak, Accessibility Planning: Recent insights from research, Centre for Transport Studies, UCL, 16 October 2013, London.

2012   'Upgrading Unplanned Settlements', at: International Urbanis Special Event, Academy of Urbanism, 20 June 2012, London (http://www.spacesyntax.com/2012/06/16/kayvan-karimi-speaks-at-academy-of-urbanism-special-event-on-brazil/)

2012   'Space Syntax approach to designing and evaluating large urban masterplans' , with Professor Alan Penn, Rio de Janeiro's Olympic Delivery Company , Rio de Janeiro, Brazil, 11 January 2012

2011   'Evidence-informed design and educational campuses: Space Syntax approach', The Aga Khan Academies, Architects Forum, 22 June 2011 (http://www.akdn.org/academies)

2011   'Sustainable city making via evidence-informed design and planning', People-First Design: Sustainable Urban Place Making', Ecobuild, London, 01 March 2011 (http://www.article-25.org/wp-content/uploads/2011/03/Technology-and-Development-The-Potential-for-a-Bright-Future.pdf)

2011   'Creating sustainable, low-carbon cities', International low carbon forum, Beijing 9 January 2011 (http://lc.bsdc.net.cn/forum_en/)

2010   'Space Syntax modelling as an integrated design tool', RUDI, Modelling World Conference, Chelsea, London, 18 June 2010 (http://www.landor.co.uk/modellingworld/pedestrianmodelling.php)

2010   'Space Syntax: Evidence-based Planning & Design: Saudi Arabia Experience', UKTI Event on Saudi Arabia, April 2010 (http://www.ukti.gov.uk/uktihome/pressRelease/109939.html)

2010   'Spatial components of Carbon Emission: evidence-informed urban planning and design solutions', PSM (people, Space, movement) Debate, Coventry, 22 March 2010 (http://www.bcsd-uk.co.uk/Portals/0/Debates%20_flyer.pdf)

2010   'Evidence-based Spatial Planning and Design: Space Syntax approach', Mumbai Dialogue Conference, Mumbai, 24 February 2010

(Nota: Extensión máxima, 4 hojas, con letra arial 11 o similar)