

# DR MAX NATHAN

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## SUMMARY

I am an economic geographer with a background in public policy. My **research** focuses on urban economic development, especially the economics of immigration and diversity, innovation systems and tech clusters, and public policy for cities. I am currently a **Senior Birmingham Fellow** at the **University of Birmingham**, and a **Deputy Director** of the ESRC-funded **What Works Centre for Local Economic Growth**. Prior to this I spent 15 years outside academia in non-profits and consultancy, and some time in central government. I am a co-founder of the **Centre for Cities** think tank. I am also an affiliate at **IZA**, **NIESR** and the **Spatial Economics Research Centre**.

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## ACADEMIC EMPLOYMENT

- 2015 –**            **Senior Birmingham Fellow, Regional Economic Development, University of Birmingham [Assistant Professor, research-intensive]**
- 2013 –**            **Deputy Director, What Works Centre for Local Economic Growth, London School of Economics and Political Science**
- 2012-2015        Senior Research Fellow, National Institute of Economic and Social Research
- 2012-2015        Public Affairs Research Fellow, Spatial Economics Research Centre, London School of Economics and Political Science

## NON-ACADEMIC EMPLOYMENT

- 2007-2010        ESRC Policy Advisor, Department of Communities and Local Government
- 2004-2007        Co-founder and Head of Research, Centre for Cities
- 2000-2004        Senior Researcher, Work Foundation
- 1998-2000        Research Assistant, Centre for Local Economic Strategies

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## OTHER AFFILIATIONS

IZA; Spatial Economics Research Centre, LSE; Centre for London; NIESR

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## EDUCATION

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|-------------|---|--------------------------|
| <b>2011</b> | <b>PhD Economic Geography and Spatial Economics</b><br>Supervisors: Henry Overman, Ian Gordon | <b>LSE</b>               |
| <b>2009</b> | <b>Visiting Scholar</b><br>Institute of Urban and Regional Development                        | <b>UC Berkeley</b>       |
| <b>1998</b> | <b>MSc Social Policy and Planning</b><br>Awarded: Distinction                                 | <b>LSE</b>               |
| <b>1997</b> | <b>BA (Hons) Politics, Philosophy and Economics</b><br>Awarded: 2:1                           | <b>Oxford University</b> |

## PEER REVIEWED JOURNAL ARTICLES

- 'Ethnic diversity and business performance: Which firms? Which cities?' (2016) *Environment and Planning A*, 48:12, pp 2462-2483.
- 'Do Inventors Talk to Strangers? On proximity and collaborative knowledge creation' (2016) (with R. Crescenzi and A. Rodríguez-Pose). *Research Policy*, 45:1, pp 177-194.
- 'Mapping Digital Businesses with Big Data: some early lessons from the UK' (2015) (with A. Rosso). *Research Policy*, 44:9, pp 1714-1733.
- 'Same Difference? Ethnic inventors, diversity and innovation in the UK' (2015). *Journal of Economic Geography*, 15:1, pp 129-168.
- 'After Florida: Towards an economics of diversity' (2015). *European Urban and Regional Studies*, 22:1, pp 3-19. LEAD ARTICLE
- 'Here Be Startups: Exploring a young digital cluster in Inner East London' (2014) (with E. Vandore). *Environment and Planning A*, 46:10, pp 2283-2299. LEAD ARTICLE
- 'The Wider Economic Impacts of High-Skilled Migrants: A review of the literature for receiving countries' (2014). *IZA Journal of Migration*, 3:4, doi: 10.1186/2193-9039-3-4.
- 'Evaluating Spatial Policies' (2014) (with S. Gibbons and H. Overman), *Town Planning Review*, 85:4, pp 427-432.
- 'Cultural Diversity, Innovation and Entrepreneurship: Evidence from London firms' (2013) (with N. Lee). *Economic Geography*, 89:4, pp 367-394.
- 'Agglomeration, Clusters and Industrial Policy' (2013) (with H. Overman). *Oxford Review of Economic Policy*, 29:2, 383-404.
- 'East London Tech City: Ideas without a Strategy?' (2011). *Local Economy*, 26:3, pp 197-202.
- 'Cultural diversity and innovation in London: Evidence from firm-level data' (2010) (with N. Lee). *International Journal of Knowledge-Based Development*, 1:1/2, pp 53-78.
- 'The Wrong Stuff: Creative Class theory in UK cities' (2007). *Canadian Journal of Regional Science*, XXX, Autumn, pp 127-148.
- 'Beyond City Living' (2006) (with R. Unsworth). *Built Environment*, 32:3, pp 235-249.
- 'Them And Us: Britain and the European City' (2006) (with A Marshall) *Public Policy Research*, 13:2, pp 109-118.

## PAPERS IN REVIEW

Terraforming Tech City: Place branding and spatial imaginaries in Inner East London (with E. Vandore and G. Voss). Under review.

See: *Birmingham Business School Discussion Paper* 2016-02, Birmingham University.

## BOOKS

*Urban Economics and Urban Policy* (with P. Cheshire and H. Overman). May 2014. Cheltenham: Edward Elgar.

## BOOK CHAPTERS

'Exploring Digital Technology Industry Clusters using Administrative and Frontier Datasets (with A. Rosso). In Z. Chen and L. Schintler (eds.) *Big Data for Urban and Regional Economies*, forthcoming, Oxford: Routledge.

'Linking Research and Policy in Local Economies' In L. Andres, J. Bryson and R. Mulhall (eds.), *Regeneration Economies*, forthcoming, Cheltenham: Edward Elgar.

'Microsolutions for Megaproblems: What works in urban regeneration policy?' In D. O'Brien and P. Matthews (eds), *After Urban Regeneration: People, communities and place*. (2015), Bristol: Policy Press.

'All in the mix? Top team demographics and business performance in English firms'. In J. Bakens, P. Nijkamp and J. Poot (eds.) *E Pluribus Prosperitas: The economics of cultural diversity*. (2015), Cheltenham: Edward Elgar.

'Exploring Munich's innovation system'. (2013) (with P. Rode et al). In R. Burdett, A. Colantonio and P. Rode (eds.) *Transforming Urban Economies: Policy Lessons from European and Asian Cities*, London, Routledge.

## **WORKING PAPERS / WORK IN PROGRESS**

Identifying the causal impact of tech accelerators on startups (with H. Overman and O. Silva)

Startups and firm growth in Tech City (with N. Lee)

Mapping Tech Ecosystems using Crunchbase (with T. Kemeny and B. Almeer)

The Creative Economy in North America, the EU and the UK (with A. Pratt, T. Kemeny and A. Rincon-Aznar)

'Academic inventors: measuring performance using an employer-employee framework'

'Escape from Smart City' (with D. Hill)

The Economics of Superdiversity: Evidence from British Cities 2001-6

See: *Spatial Economics Research Centre Discussion Paper SERCDP0068*, LSE.

The Long Term Impacts of Migration on UK Cities

See: *LSE Migration Studies Unit Working Paper 10/09*, LSE.

## **POLICY REPORTS AND CONSULTANCY (selected)**

Industrial Clusters in England (2016) (with M. Bernini, P. Ramirez, S. Adderley, R. Mulhall and SpazioDati), report for BIS.

Measuring the Creative Economy in North America and the UK (2016) (with T. Kemeny, A. Pratt and G. Spencer), report for NESTA.

Measuring the Creative Economy in the EU and the UK (2015) (with A. Pratt and A. Rincon-Aznar), report for NESTA, London: NESTA.

Evaluating Spatial Policies (with S. Gibbons and H. Overman). *SERC Policy Paper SERCPP0012*. London: SERC/LSE.

Analysis of the Economic and Labour Market Impacts of Tier 1 Entrepreneur and Investor Migrants (2013) (with H. Rolfe and C. Vargas-Silva), report for the Migration Advisory Committee.

Measuring the UK's Digital Economy with Big Data (2013) (with A. Rosso). London: NIESR / Growth Intelligence.

A Tale of Tech City: The Future of East London's Digital Economy (2012) (with E. Vandore and R. Whitehead). London: Centre for London.

Assessing the Government's Proposals to Reform the UK Planning System (2011) (with Henry Overman). *SERC Policy Paper SERCPP0011*. London: SERC/LSE.

Towards a Green Economy: Cities: Investing in energy and resource efficiency (2011) (with P. Rode, R. Burdett et al). UN Environment Programme, Nairobi: UNEP.

Munich: Staying Ahead on Innovation (2010) (With P. Rode, G. Kippenberg et al). LSE Cities / Brookings Metro Program Next Urban Economy Report, London: LSE.

Your Place or Mine: The local economics of migration (2008). London: ippr.

A Twenty-First Century Peabody Community (with D Ben-Galim and N Newman) (2008). London: ippr (for Peabody Trust).

Getting By, Not Getting On: Technology in UK workplaces (2003) (with G Carpenter, L Ferguson, H Knox and S Roberts). London: The Work Foundation.

Manchester: Ideopolis? (2002) (with A Westwood). London: The Work Foundation.

Reality IT: Technology in everyday life (2002) (with J Crabtree and R Reeves). London: TWF.

Getting Attached: New routes to full employment (2001). London: Fabian Society

The New Regionalism (2000) (with H Roberts). Manchester: CLES.

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## **CONFERENCES AND SEMINARS (selected/ upcoming)**

Invited seminars and events: PBL Autumn School: What Works? The Hague (October 2016), PIK Cities as Complex Systems Symposium 2016, Hannover (July 2016), Manchester Business School (April 2016), RGS-IBG forum on 'Europe's Migration Crisis', London (March 2016), CIRCLE, Lund University (March 2016), Birmingham Business School GVC Cluster (March 2016), University of Leeds (December 2015), Pathways, Connections and Circuits (invited keynote lecture), Wellington, NZ (July 2015), Imperial College London Business School (February 2015), University College London Bartlett School of Planning (January 2015), University of Birmingham (November 2014), ESRC Spaces of Evidence workshop, "New Directions for Economic Policy", London (September 2014), LSE London workshop, "How is London being transformed by migration?", LSE (March 2014), IGC Immigration Working Group (March 2014), LSE London (November 2013), Transatlantic Council on Migration (October 2013), 1<sup>st</sup> European Big Data workshop, Brussels (October 2013), LLAKES (June 2013), VU University / Tinbergen Institute workshop "E Pluribus Prosperitas" (April 2013), LSE (October 2012), IZA AM<sup>2</sup> Migration Workshop (June 2012), APE-INV-ESF "Science and Invention" workshop (May 2012), UCL Bartlett School of Planning (March 2012), LSE (March 2012), EUROLIO Geography of Innovation Workshop (January 2012), University of Amsterdam (June 2011), University of Oxford (May 2011), UCL Urban Lab (October 2008), LSE (February 2007), Prime Minister's Strategy Unit (July 2003), RSA lecture, Reigate (September 2002).

Conferences: CREME 2016 Conference, Birmingham (October 2016), NESTA-Kauffman Innovation Growth Lab Annual Conference, London (May 2016), Association of American Geographers, San Francisco (March 2016), RCUK / Imperial College Digital Economy 2014 Conference, London (December 2014), Regional Studies Association, London (November 2014), North American Regional Science Council, Washington DC (November 2014), Urban Economics Association, Palermo (August 2013), NORFACE, London (April 2013), Urban Economics Association, Ottawa (November 2012), Urban Economics Association, Miami (November 2011) Regional Studies Association, Newcastle (April 2011), Association of American Geographers, Seattle (April 2011), NORFACE, London (April 2011), Regional Studies Association Early Careers, Manchester (November 2010), SERC Annual Conference, London (May 2010), Association of American Geographers, Washington DC (April 2010), North American Regional Science Council, San Fransisco (November 2009), European Regional Science Association, Liverpool (August 2008), Work, Employment and Society, Leicester (September 2001).

## GRANTS AND FUNDING AWARDS

2016	Leverhulme Foundation, An RCT to evaluate the causal impact of Tech Accelerators on Startups (CI) (£230k)
2015	RSA Early Career Grant, Evaluating Tech City (PI) (£9.5k)
2015	HEFCE HEIF5, LSE: Supporting Devolution Deals (CI) (£29k)
2015	New Economy Manchester: Economic Impacts of Low Pay (PI) (£29k)
2015	AAIR, University of Southampton: Tech ecosystems (CI) (£8.2k)
2014	NESTA: International comparisons of the creative economy (PI) (£30k)
2014	British Academy: Quantitative skills for public policymakers (CI) (£31k)
2014	NESTA/Kauffman Foundation: Innovation Growth Lab grant for innovation, entrepreneurship and growth experiments (PI) (£25k)
2013	ESRC/BIS/DCLG: What Works Centre for Local Economic Growth. LSE, Centre for Cities and Arup (CI) (£3.1m)
2013	LLAKES: Top team diversity and business performance (PI) (£8.5k)
2013	Heseltine Institute: Quantifying the economic impact of elected mayors (PI) (£5k)
2013	NESTA/Google: Exploring the drivers of the UK Digital Economy. NIESR and Growth Intelligence (PI) (£115k)
2013	UK Migration Advisory Committee: Economic and Labour Market Impacts of Tier 1 Entrepreneur and Investor Migrants (PI) (£40k)
2012	LLAKES: UK industrial policy (CI) (£55k)
2012	HEFCE HEIF5, LSE: From Urban Economics to Urban Policy (CI) (£91k)

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## HONORS AND SCHOLARSHIPS

2010	LSE Research Studentship Award
2009	ESRC Overseas University Visit Award
2008	ESRC CASE +3 Grant, in partnership with DCLG
1998	LSE Titmuss Prize for outstanding achievement
1995	Oriel College Scholarship, Oxford

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## TEACHING

2015	<b>Imperial College London co-supervisor MSc thesis, (with Dr. Matthew Hannon).</b> Niko Graspas, "Examining the factors key to the success of innovative 'smart' energy startups in the UK".
2013	<b>University of Warwick PHD DTC Training Day (organiser: Dr. Will Davies)</b>
2010-2012	<b>LSE GY305 Applied Spatial and Location Analysis</b> Taught seminars on globalisation, housing markets, peer/neighbourhood effects, spatial mismatch, crime and cities, economics of immigration Ave student satisfaction score 90/100. Commendation from Head of Department
2010-2012	<b>LSE GY350 Independent Research Project Adviser</b> Supervises five undergraduate dissertations per year Average grade 62, four distinctions
2011-2012	<b>PGCert Higher Education Teaching Diploma, Associate Level</b>

## PROFESSIONAL SERVICE

**Co-organiser**, *GVC/City-REDI seminar series*, University of Birmingham, 2016-2017. With Pam Robinson and Raquel Ortega-Arguiles

**ESRC peer reviewer** for Open Research Grants (x2), SDAI Open Call

**Approved researcher**, UK Secure Data Service and ONS Virtual Microdata Lab

**Referee**, *Journal of the European Economic Association*, *Journal of Economic Geography* (x6), *Economic Geography* (x4), *Regional Science and Urban Economics*, *Journal of Population Economics* (x2), *Research Policy* (x3), *Economic Inquiry*, *Environment and Planning A*, *Environment and Planning C*, *Journal of Regional Science* (x2), *Papers in Regional Science* (x2), *Regional Studies*, *Urban Studies*, *Entrepreneurship and Regional Development*, *Urban Geography*, *Journal of Urban Affairs*, *Big Data and Society*, *IZA World of Labor*, *National Institute Economic Review*.

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## RESEARCH IMPACT AND MEDIA

Appearances and op-ed pieces include CNN, NPR, News 24, Sky News, ITN, BBC News, BBC Radio 4 and Radio 5 Live, Financial Times, Guardian, Mirror, Telegraph, Economist, Prospect, Huffington Post and regional/local/specialist outlets. My research has also featured on the BBC, ITV, Sky News, FT, Guardian, Daily Mail, Times, Telegraph, Independent, Vice, and specialist platforms. I am a regular contributor to the City-REDI, SERC, What Works Centre for Local Economics Growth and LSE British Politics and Policy blogs, as well as my own platform at maxnathan.com. I tweet at @iammaxnathan.

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## LANGUAGES

English (mother tongue), French (intermediate), German (intermediate).

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## REFERENCES

### Henry Overman

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London School of Economics and Political  
Science  
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### William R. Kerr

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### Ian Gordon

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### Anne Green

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