

CURRICULUM VITAE

Name : **Jonathan Haskel**

Contact : Imperial College Business School
Room 296, South Kensington Campus
London SW7 2AZ
T: 020-7594 8563
E: j.haskel@ic.ac.uk
W: www.imperial.ac.uk/people/j.haskel
RePEc page: <http://ideas.repec.org/e/pha161.html>

Nationality : UK

EDUCATION

1981 - 1984 : University of Bristol, B.Sc Economics,
1984 - 1985 : London School of Economics, M.Sc Economics,
1985-1990 : London School of Economics, Ph.D Economics.

EMPLOYMENT

1987 - 1988 : University of Bristol, Temporary Lecturer.
1988 - 1990 : Centre for Business Strategy, London Business School,
Research Officer.
1990 - 2008 : Queen Mary, University of London, Economics Department
(Head of Department 2003 to 2008).
2008 to date : Imperial College Business School, Professor of Economics.
School Research Director (2008-2011), Academic Director
(2014-16), PhD Director (2016 to date).

VISITING POSTITIONS

1995 : Australian National University; Visiting Researcher (January to
March).
1997 : Stern School of Business, New York University; Visiting
Assistant Professor (January to May; taught MBA
Microeconomics).
2012 : Tuck School of Business, Dartmouth College, Visiting Professor
(January to July; taught course on Economics of Europe).

OTHER PROFESSIONAL ACTIVITIES

Between 2001-2010 I served two terms as a Member, Reporting Panel of the **Competition Commission** (now Competition and Markets Authority). I served on market inquiries into *Mobile Phones, Home Credit* and *Airports*, and the *EMAP/ABI* merger.

From September 2015, I have been a member of the **Financial Conduct Authority Competition Decisions Committee** and the Payment System Regulator *Enforcement and Competition Decisions Committee*. I will finish my three-year period of office in September 2018.

From January 2016, I have been a non-Executive Director of the **UK Statistics Authority**.

Between November 2012 and December 2015, I was a member of the "Research, Innovation, and Science Policy Experts" (RISE) high level group advising the European Commissioner for Research, Innovation, and Science on policy.

I have been on the editorial boards of *Economica*, *Journal of Industrial Economics* and *Economic Policy*. I was a guest editor, with Christine Greenhalgh and Christian Helmets, for the Special Issue on Innovation and Intellectual Property in Honour of Mark Rogers, *Oxford Economic Papers*, 2013.

Between 2013 and 2016, I was an elected member of the Council of the **Royal Economic Society**.

I am an elected member of the **Conference on Research in Income and Wealth** (CRIW).

I am a research associate of the **Centre for Economic Policy Research**, the **Centre for Economic Performance**, LSE, and the **IZA**, Bonn.

PUBLICATIONS

1. Book

Haskel, J and Westlake, S., (2017) *Capitalism Without Capital: The Rise of the Intangible Economy*. Princeton University Press.

Included in Books of the year, 2017, in The Economist, FT and Marginal Revolution. Being translated into 12 languages. Paperback forthcoming September 2018.

2. Refereed journals

Bonjour, D., Cherkas, L., Haskel, J., Hawkes, D., and Spector, T., (2003), "Education and Earnings: Evidence from UK Twins", *American Economic Review*, Vol 93, No. 5, December, pp.1799-1812.

Corrado C, Haskel J, Jona-Lasinio C and Iommi, M, (2013), Innovation and intangible investment in Europe, Japan, and the United States, *Oxford Review of Economic Policy*, Vol:29, Pages:261-286

Corrado C, Haskel J and Jona-Lasinio C, (2017), "Knowledge spillovers, ICT and productivity growth," *Oxford Bulletin of Economics and Statistics*, vol. 79(4), pages 592-618, August.

Corrado C, Haskel J and Jona-Lasinio C, (2017), "Public Sector Intangibles: The Public Sector and Economic Growth in the SNA," *Review of Income and Wealth*, vol. 63, pages 355-380, December

Crespi, G., Criscuolo, C, and Haskel, J (2008), "Productivity, Exporting and the Learning-by-Exporting Hypothesis: Direct Evidence from UK Firms," *Canadian Journal of Economics*, Vol, 41(2), pp. 619-638

Criscuolo, C, Haskel, J and Slaughter, M., (2010), "Global Engagement and the Innovation Activities of Firms", *International Journal of Industrial Organisation*, vol. 28(2), pages 191-202, March

Dal Borgo, M., Goodridge, P., Haskel, J. and Pesole, A., (2013), "Productivity and Growth in UK Industries: An Intangible Approach", *Oxford Bulletin of Economics and Statistics*, Vol 75(6), pp.806-834, December.

Disney, R., Haskel, J., and Heden, Y., (2003), "Restructuring and Productivity Growth in UK Manufacturing", *Economic Journal*, Vol. 113, No. 489, July, pp. 666-694.

Disney, R., Haskel, J., and Heden, Y., (2003), "Entry, Exit and Establishment Survival ", *Journal of Industrial Economics*, Volume 51, No.1, pp.91-112, March.

Giorgio Marrano, M., Haskel, J., and Wallis, G., (2009), "What Happened to the Knowledge Economy? ICT, Intangible Investment and Britain's Productivity Record Revisited", *Review of Income and Wealth*, , vol. 55(3), pp. 686-716, 09.

Goodridge, P., Haskel, J., and Wallis, G., (2013), Can intangible investment explain the UK productivity puzzle?", *National Institute Economic Review*, no. 224, May, pp. R34-38.

Goodridge P, Haskel J, and Wallis G, (2017), "Spillovers from R&D and other intangible investment: evidence from UK industries", *Review of Income and Wealth*, vol. 63, pages 22-48, February.

Haskel J, Goodridge P, and Wallis G, (2016), "Accounting for the UK productivity puzzle: a decomposition and predictions", *Economica*, Pre-print online version: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ecca.12219>.

Haskel, J., (1991), "Imperfect Competition, Work Practices and Productivity Growth", *Oxford Bulletin of Economics and Statistics*, Volume 53, No. 3, August, pp. 265-280.

Haskel, J., (1993), "Why has UK Manufacturing Profitability Risen over the 1980s?", *Empirica*, Volume 20, August, pp. 51-67.

Haskel, J., (1999), "Small Firms, Contracting Out, Computers and Wage Inequality: Evidence from UK Manufacturing", *Economica*, Volume 66, No 261, pp. 1-22.

Haskel, J., (2000), "The Trade and Labour Approaches to Wage Inequality", *Review of International Economics*, Volume 8, No 2, pp. 397-408.

Haskel, J., Iozzi, A., and Valletti, T., (2013). "Market structure, countervailing power and price discrimination: the case of airports.", *Journal of Urban Economics*, vol. 74(C), pages 12-26.

- Haskel, J., and Heden, Y., (1999), "Computers and the Demand for Skilled Labour: Industry and Establishment Panel Evidence for the UK", *Economic Journal*, Volume 109, No 454, pp. C68-C79.
- Haskel, J., and Jackman, R., (1988), "Long-Term Unemployment and the Effects of the Community Programme in Britain", *Oxford Bulletin of Economics and Statistics*, Volume 50, No. 4, November, pp. 379-409.
- Haskel, J., Lawrence, R., Leamer, E., and Slaughter, M., (2012), "Globalization and U.S. Wages: Modifying Classic Theory to Explain Recent Facts", *Journal of Economic Perspectives*, 26(2): 119-40.
- Haskel, J., and Martin, C., (1992), "Margins, Concentration, Unions and the Business Cycle: Theory and Evidence for Britain", *International Journal of Industrial Organization*, Volume 10, No. 4, December, pp. 611-632.
- Haskel, J., and Martin, C., (1993a), "Do Skill Shortages Reduce Productivity? Theory and Evidence from the UK", *Economic Journal*, Volume 103, No. 417, March, pp. 386-394.
- Haskel, J., and Martin, C., (1993b), "The Causes of Skill Shortages in Britain", *Oxford Economic Papers*, Volume 45, No. 4, October, pp. 573-588.
- Haskel, J., and Martin, C., (1994), "Capacity and Competition: Empirical Evidence on UK Panel Data", *Journal of Industrial Economics*, Volume 42, No. 1, March, pp. 23-44.
- Haskel, J., and Martin, C., (2001), "Technology, Wages and Skill Shortages: Evidence from UK Micro Data", *Oxford Economic Papers*, Volume 52, No. 4, October, pp. 642-658.
- Haskel, J., Kersley, B., and Martin, C., (1997), "Labour Market Flexibility and Employment Adjustment: Micro Evidence from UK Establishments", *Oxford Economic Papers*, Volume 49, No. 2, April, pp. 362-379.
- Haskel, J., Martin, C. and Small, I., (1995), "Price, Marginal Cost and the Business Cycle", *Oxford Bulletin of Economics and Statistics*, Volume 57, No. 1, February, pp. 25-42.
- Haskel, J., Pereira, S., and Slaughter, M., (2007), "Does Inward Foreign Direct Investment Boost the Productivity of Domestic Firms?" *Review of Economics and Statistics*, Vol. 89, No. 3, pp.482-496.
- Haskel, J. and Sadun, R., (2012), "Regulation and UK Retailing Productivity: Evidence From Micro Data", *Economica*, Volumn 79, No 315, pp.425-448, July.
- Haskel, J., and Sanchis, A., (1995) "Privatisation and X-Inefficiency: A Bargaining Approach", *Journal of Industrial Economics*, Volume 43, No. 3, September pp. 301-322.
- Haskel, J., and Sanchis, A., (2000), "A Bargaining Model of Farrell Inefficiency", *International Journal of Industrial Organisation*, Vol 18, No. 4, March, pp 539-556.
- Haskel, J., and Scaramozzino, P., (1997), "Do Other Firms Matter in Oligopolies?", *Journal of Industrial Economics*, Volume 45, No. 1, March, pp. 27-45.
- Haskel, J., and Slaughter, M., (2001) "Trade, Technology and UK Wage Inequality", *Economic Journal*, Volume 111, No.468, January, pp. 163-187.
- Haskel, J., and Slaughter, M., (2002) "Does the Sector Bias of Skill-Biased Technological Change Explain Changing Skill Premia?", *European Economic Review*, Volume 46, No. 10, December, pp. 1733-1877.
- Haskel, J., and Slaughter, M., (2003), "Have Falling Tariffs and Transportation Costs Raised U.S. Wage Inequality?", *Review of International Economics*, Volume 11, No. 4, September, pp.630-650.
- Haskel, J., and Szymanski, S., (1992), "A Bargaining Theory of Privatisation", *Annals of Public and Co-Operative Economics, Papers and Proceedings*, Volume 63, No. 2, July, pp. 207-229.
- Haskel, J., and Szymanski, S., (1993), "Privatisation, Liberalisation, Wages and Employment: Theory and Evidence for the UK", *Economica*, Volume 60, No. 238, May, pp. 161 - 182.
- Haskel, J and Wallis, G., (2013), "Public Support for Innovation, Intangible Investment and Productivity Growth in the UK Market Sector," *Economics Letters*, Volume 119, Issue 2, May 2013, Pages 195-198.
- Haskel, J., and Wolf, H., (2001), "The Law of One Price: A Case Study", *Scandinavian Journal of Economics*, Volume. 103, No. 4, December, pp. 545-558.

2. Conference papers, invited papers etc.

- Awano, G., Franklin, M., Haskel, J., and Kastrinaki, Z., (2010). "Measuring investment in intangible assets in the UK: results from a new survey," *Economic and Labour Market Review*, Palgrave Macmillan Journals, vol. 4(7),

pages 66-71, July.

Carlin, W., Haskel, J., and Seabright, P., (2001), "Understanding 'the essential fact about capitalism': markets, competition and creative destruction", *National Institute Economic Review*, No. 175, pp. 67-84.

Corrado, C., Haskel, J. and Jona-Lasinio, C., (2015), "Intangibles, ICT and Industry Productivity Growth: Evidence from the EU"- in *Growth and Stagnation in the World Economy* edited by Dale W. Jorgenson, K. Fukao and Marcel P. Timmer, Cambridge University Press, forthcoming.

Crespi, G., Criscuolo, C., Haskel, J. and Hawkes, D., (2006), "Measuring and Understanding Productivity in UK Market Services," *Oxford Review of Economic Policy*, Vol. 22(4), Pages 560-572, Winter.

Criscuolo, C., Haskel, J. and Martin, R., (2003), "Building the Evidence Base for Productivity Policy Using Business Data Linking", *Economic Trends*, 50th Anniversary Edition.

Criscuolo, C., Haskel, J. and Martin, R., (2004), "Globalisation, Productivity and Restructuring", *Oxford Review of Economic Policy*, Volume 20, No. 3

Faini, R., Haskel, J., Navaretti, G., Scarpa, C., and Wey, C., *Contrasting Europe's Decline: Do Product Market Reforms Help?*, forthcoming, Fondazione de Benedetti and OUP.

Goodridge, P. and Haskel, J., (2012), "Film, Television and Radio, Books, Music and Art: UK Investment in Artistic Originals", *Intellectual Property Office Research Paper 2011/3*, July.

Goodridge, P., Haskel, J. and Wallis, G., (2012), "UK Innovation Index: Productivity and Growth in UK Industries", *NESTA Working Paper 12/09*.

Goodridge, P., Haskel, J. and Wallis, G., (2014)", Estimating UK investment in intangible assets and Intellectual Property Rights,

Goodridge P, Haskel, J. and Wallis G (2014), "UK investment in intangible assets: Report for NESTA, Report for NESTA, 2014/1, Imperial College Business School

Geroski, P., and Haskel, J., (1989), "Beyond the Hype - the Economic Effects of 1992", *Employment Institute Economic Report*, Volume 4, No. 7, September.

Green, R., and Haskel, J., (2003), "Seeking a Premier League Economy: the Role of Privatisation" in R. Blundell, D. Card and R. Freeman (eds.) *Seeking a Premier League Economy*, University of Chicago Press for NBER.

Greenhalgh C, Haskel J, Helmers C, 2013, Introduction to the Special Issue on Innovation and Intellectual Property, *Oxford Economic Papers - New Series*, Vol:65, Pages:597-602

Griffith, R., Harrison, R., Haskel, J., and Sako, M., (2003), "The UK Productivity Gap and the Importance of the Service Sectors", *AIM Briefing Note*, December.

Griffith, R, Haskel, J. and Neely, A. (2006), "Why is Productivity so Dispersed?" *Oxford Review of Economic Policy*, vol. 22(4), pages 513-525, Winter.

Haskel, J., (1994), "The Winners and Losers from UK Privatisation", *New Economy*, Volume 1, No. 2, Summer, pp. 74-78.

Haskel, J., (1997), "Comment" on "The OECD Problem of Low Wages and Unemployment: The Role of Welfare Support" by A.P.L. Minford, in Snower, D., and de la Dehesa, G., (eds), *Unemployment Policy: Government Options for the Labour Market*, CEPR and Cambridge University Press.

Haskel, J., (1997), "Can We Deal With Differentials?", *New Economy*, Volume 4, No. 2., pp. 102-106.

Haskel, J., (1998), "The Skilled Wage Premium and the Growth of Small Firms in UK Manufacturing", *Labour: The Review of Labour Economics and Industrial Relations*, Volume 12, No. 2, Summer, pp.221-238.

Haskel, J., (2000), "Recent Findings on Trade, Technology and Wage Inequality", in *Policy Measures for Low-wage Employment in Europe*, W. Salverda, B. Nolan, and C. Lucifora (eds), Edward Elgar.

Haskel, J., (2007), " Measuring innovation and productivity in a knowledge-based service economy", *Economic and Labour Market Review*, vol 1, no 7, pp 27-31.

Haskel, J., (2015), "Understanding innovation better: an intangible investment approach", *Asia-Pacific Journal of Accounting & Economics (APJAE)*, Special Issue on "Innovation and Good Policy", March, Vol: 22, Pages: 13-23.

Haskel, J., Goodridge, P., Kastrinaki, Z., Franklin, M., and Awano, G., (2011), "Driving Economic Growth:

Innovation, knowledge spending and productivity growth in the UK”, report for NESTA.

Haskel, J., and Jukes, R., (1995), “Skilled and Unskilled Employment in UK Manufacturing over the 1980s”, *International Journal of Manpower*, Volume 16, No. 2, pp. 36-52.

Haskel, J., and Kay, J., (1989), “Mrs. Thatcher’s Economic Experiment: Lessons from the UK”, in F.H. Gruen (ed), *Australian Economic Policy*, Centre for Economic Policy Research, Australian National University.

Haskel, J., and Kay J., (1990a), “Productivity in British Industry Under Mrs. Thatcher”, in T. Congdon et al, *The State of the Economy: IEA Monograph 31*, Institute for Economic Affairs, London.

Haskel, J., and Kay, J., (1990b), “Competitive Advantage in UK Manufacturing 1980-86”, *Economic Outlook*, Volume 14, No. 9, June, pp. 26-32.

Haskel, J., and Martin, C., (1994), “Will Skill Shortages End the Recovery?”, *New Economy*, Autumn pp. 135-9.

Haskel, J., and Martin, C., (1996), “Skill Shortages, Productivity Growth and Wage Inflation”, in Booth A., and Snower D., (eds), *Acquiring Skills: Market Failures, their Symptoms and Policy Responses*, Cambridge University Press.

Haskel, J and Pesole, A., (2011), “Design Services, Design Rights, and Design Life Lengths in the UK *Intellectual Property Office Research Paper 2011/5*.

Haskel, J and Sadun, R., (2005), “Entry, Exit and Labour Productivity in U.K. Retailing: Evidence from Micro Data”, Paper presented at National Bureau of Economic Research, Conference on Research in Income and Wealth “*Producer Dynamics: New Evidence from Micro Data*, April 8 and 9, 2005 Bethesda, MD, forthcoming in CRIW volume, Chicago University Press.

Haskel, J., and Slaughter, M., (1999), “Technological Change as a Driving Force of Rising Income Inequality”, in Horst Siebert (ed), *Globalization and Labor*, Tübingen: JCB Mohr.

Haskel, J., and Slaughter, M., (1999), “Trade, Technology and U.K. Wage Inequality: Recent Findings”, CEPR European Economic Perspectives, CEPR June, pp. 5-7.

Haskel, J., and Szymanski, S., (1991) “Privatisation, Jobs and Wages”, *Employment Institute Economic Report*, Volume 6, No. 7, December.

Haskel, J., and Szymanski, S., (1995), “Privatisation and the Labour Market: Facts, Theory and Policy”, in M. Bishop, J. Kay, and C. Mayer (eds), *Privatisation and Regulation - The UK Experience*, second edition, Oxford University Press.

Haskel, J., and Wolf, H., (2000), “From Big Macs to iMacs: What Do International Price Comparisons Tell Us?”, *World Economics*, Vol. 1, No. 2, April-June, pp.167-178.

Jackman, R. and Haskel, J., et al (1987), “A Job Guarantee for Long-Term Unemployed People”, *Employment Institute*, London.

4. Other working papers

Corrado, C., Haskel, J., Jona-Lasinio, C., and Iommi, M., (2012), "Intangible investment in the EU and US before and since the Great Recession and its contribution to productivity growth", European Investment Bank Working Paper 2016/08, <http://www.eib.org/infocentre/publications/all/economics-working-paper-2016-08.htm>.

Corrado, C., Haskel, J., Jona-Lasinio, C., Nasim, B., (2015), “Is international R&D tax competition a zero-sum game? Evidence from the EU”, Working Paper.

Haskel J, Goodridge P, Hughes A, Wallis G (2015), “The contribution of public and private R&D to UK productivity growth”, Imperial College Business School

Haskel, J., and Hughes, A., (2014), “The Value of the UK Science Base”, Report for CASE,.

Goodridge P, Haskel J, and Wallis G, (2013), “The “C” in ICT: The Impact of Telecommunications Investment on UK Economic Growth”,

Corrado, C., Goodridge, P. and Haskel, J, (2012), ”Constructing a Price Deflator for R&D: Calculating the Price of Knowledge Investments as a Residual”. Working Paper.

Corrado, C., Haskel, J., Jona-Lasinio, C., and Iommi, M., (2012), "Intangible Capital and Growth in Advanced Economies: Measurement Methods and Comparative Results", Working Paper..

Haskel, J, and Pesole, A., (2011), "Productivity Growth in UK Financial Services: An Intangible Assets Approach", Imperial College Working Paper..

RESEARCH GRANTS

April 1990 to March 1991. £10,035 from the Employment Market Research Unit, Department of Employment, for a year's study into the effects of privatisation on labour markets. Joint with S. Szymanski.

September 1990 to September 1993. £105,000 from SPES to study the Microeconomics of the Labour Market. Joint with C. Gilbert and others.

June 1991 to September 1991. £3,000 from National Economic Development Office, to study the consequences of skill shortages on wages and productivity in the UK. Joint with C. Martin.

October 1991 to October 1994. £250,000 from Employment Market Research Unit, Department of Employment, for three year's study into the effects of labour markets imperfections and policy. Joint work with D. Snower and five others.

October 1992 to October 1994. £50,875 from ESRC for two year's study into the effects of contracting on competition. Joint with A. Powell.

October 1994 to October 1996. £190,000 from Employment Market Research Unit, Department of Employment, a further two year's study into the effects of labour markets imperfections and policy. Joint work with D. Snower and nine others.

October 1996 to October 1998. £99,132 from ESRC on project "Wage Dispersion and Employment in UK Manufacturing Plants in the 1980s and 1990s". Grant number R000236653. Joint with R. Disney.

October 1998 to October 1999. £39,956 from ESRC on project "Determinants of Earnings Inequality, Employment and Productivity Growth in a Panel of UK Establishments". Grant number R000222730. Joint with R. Disney and Y. Heden.

January 2000 to March 2000. £5,000 from Department for Education and Employment "Research on Returns to Education and Training" (no grant number).

February 2000 to February 2001. £9,008 from ESRC on project "Estimating the Returns to Education using a New Sample of UK Twins". Grant number R000223232. Joint with Dorothe Bonjour.

May 2000 to May 2001. £57,170 from Leverhulme Trust on project "Globalisation and the Birth, Survival and Death of Manufacturing Establishments". Grant number F/07476A. Joint with R. Disney and Y. Heden.

September 2000 to September 2001. £39,470 from ESRC on project "Trade, Capital Mobility and the Elasticity of Labour Demand". Grant number R000223239.

September 2001 to September 2003. £256,191 from HM Treasury Evidence-Based Policy Fund on project "Developing Productivity Policy Using Plant-Level Evidence". Joint with R. Disney, S.Nickell.

September 2003 to September 2006: £521,602 from ESRC as an AIM Fellowship, including £120,000 for international visiting fellows. Grant number RES-331-25-0030

September 2004 to September 2005. £38,000 from DfES to work on productivity and skills.

June 2006 to June 2007, HMT, £42, 868 to work on UK intangible assets and growth in the UK economy.

June 2007 to September 2007, DTI (now BIS) for £9,882 for summer work on UK intangible assets by industry.

April 2008 to April 2010. €1,464,767 from EU 7th Framework, "Competitiveness, Innovation and Intangible Investment in Europe", grant 217512, COINVEST. I lead a team including Bart van Ark, Charles Hulten and Jacques Mairesse with participation on the advisory board by Ian MacCafferty, Chief Economist at CBI, Ken

Warwick, Deputy Chief Economist at DTI , Tony Clayton, Director of Economics at ONS and Yoshi Tojo, Head, Economic Analysis and Statistics Division, STI Directorate, OECD. The outcome of this work is on www.coinvest.org.uk and the cross-country intangible data set so created is on www.intan-invest.net.

April 2009 to September 2010. £504,000 from NESTA, National Endowment for Science Technology and the Arts, to develop the UK Innovation Index.

April 2010 to April 2011. £200,000 from NESTA, National Endowment for Science Technology and the Arts, to further develop the UK Innovation Index.

September 2010 to August 2013, €24,499.60. From the Commission of the European Communities, “European Network for the Research on the Economic Impact of ICT”, www.ict-net.eu. For conferences and co-ordinated work on the Economic Impact of ICT (I was work package leader for the Intangible Investment part of this effort, which supported by the above amount).

April 2013 to November 2013. £38,227 from NESTA, National Endowment for Science Technology and the Arts, to develop the UK Innovation Index, industry results.

October 2013 to October 2015. £712,467, Catalysing Economic Growth: Releasing the Value of Big Data from EPSRC, EP/K039504/ (I was a co-investigator).

November 2013 to November 2016 £207,088 for SPINTAN, Smart Public Sector Intangibles, from EU FP7, 612774.