

# Curriculum Vitae — Markus Eberhardt

January 2024

## PERSONAL AND CONTACT DETAILS

**Date of Birth:** 8th May 1974 **Family Status:** Married; four children **Citizenship:** German, UK Settled Status

**Mail:** School of Economics, University of Nottingham, Sir Clive Granger Building, Nottingham NG7 2RD, UK

**Email:** [markus.eberhardt@nottingham.ac.uk](mailto:markus.eberhardt@nottingham.ac.uk) **Web:** [sites.google.com/site/medevecon](https://sites.google.com/site/medevecon)

## CURRENT POSITION & AFFILIATIONS

**Associate Professor in Economics**, School of Economics, University of Nottingham, since August 2017

**Research Fellow**, Centre for Economic Policy Research (CEPR), Macro and Growth Programme, since 2024

**Associate Editor**, *Empirical Economics*, since 2018; *International Economics*, since 2021

## RESEARCH

Total *Google Scholar* Citation Count, January 2024: [6,133](#), h-index 25 (since 2019: [3,714](#), h-index 18)

### *(a) Research in Progress*

- [1] ‘Democracy and Its Unequal Effect on the Benefits and Costs of Capital Flows’  
with H. Lim (Nottingham) and A. Presbitero (IMF)
- [2] ‘Sources of Market Disintegration in 18th Century China’  
with D. Bernhofen (American University), J. Li (Xiamen), and S. Morgan (Nottingham)
- [3] ‘Stereotyping in Reference Letters: Evidence and Consequences’  
with A. Hochleitner (NHH Bergen), G. Facchini, V. Rueda (both Nottingham) and F. Tufano (Leicester)

### *(b) Working Papers and Manuscripts under Review*

- [4] ‘**Assessing Market Integration in the Early Modern Period**’ [earlier **CEPR DP 11288**]  
August 2022, with D. Bernhofen (American University), J. Li (Xiamen), and S. Morgan (Nottingham)
- [5] ‘**Finance, Growth, and Crises**’ [earlier **CEPR DP 17022**]  
January 2024, with R. Cho (Birmingham) and R. Desbordes (SKEMA Business School, Paris)
- [6] ‘**Climate Change and Economic Prosperity: Evidence from a Flexible Damage Function**’  
Revisions requested at the *Journal of Environmental Economics and Management*,  
with R. Desbordes (SKEMA Business School, Paris)
- [7] ‘**Democracy Doesn’t Always Happen Over Night: Regime Change in Stages and Economic Growth**’ [CEPR DP 16587]  
Revisions requested (2nd round) at the *Review of Economics and Statistics*, with V. Boese-Schlösser (WZB)
- [8] ‘**How Does Democracy Cause Growth?**’ [WZB WP 501]  
July 2023, with V. Boese-Schlösser (WZB)

### *(c) Main Publications*

- [9] ‘**Gender Differences in Reference Letters: Evidence from the Economics Job Market**’ [Google Scholar Citations: [17](#)]  
*Economic Journal*, 133(655): 2676-2708, October 2023 with G. Facchini and V. Rueda (both Nottingham)
- [10] ‘**Democracy, Growth, Heterogeneity and Robustness**’ [[10](#)]  
*European Economic Review*, 147, August 2022, Article 104173.
- [11] ‘**Commodity Prices and Banking Crises**’ [[68](#)]  
*Journal of International Economics*, 131, July 2021, Article 103474 with A. Presbitero (IMF).
- [12] ‘**Estimating and Testing the Multicountry Endogenous Growth Model**’ [[16](#)]  
*Journal of International Economics*, 125, July 2020, Article 103325, with S. De Visscher and G. Everaert (Ghent).
- [13] ‘**The Magnitude of the Task Ahead: Macro Implications of Heterogeneous Technology**’ [[915](#)]  
*The Review of Income and Wealth*, 66(2): 334-360, 2020, with F. Teal (Oxford).
- [14] ‘**Public debt and growth: heterogeneity and non-linearity**’ [[802](#)] [media coverage: *FT*]  
*Journal of International Economics*, 97(1): 45-58, 2015, with A. Presbitero (IMF).
- [15] ‘**Do Spillovers Matter When Estimating Private Returns to R&D?**’ [[312](#)]  
*The Review of Economics and Statistics*, 95(2): 436-448, 2013, with C. Helmers (St Clara) & H. Strauss (EIB).

- [16] ‘No Mangoes in the Tundra: Spatial Heterogeneity in Agricultural Productivity Analysis’ [168]  
*Oxford Bulletin of Economics and Statistics*, 75(6): 914-939, 2013, with F. Teal (Oxford).
- [17] ‘Structural Change and Cross-Country Growth Empirics’ [143]  
*World Bank Economic Review*, 27(2): 229-271, 2013, with F. Teal (Oxford).
- [18] ‘Econometrics for Grumblers: A New Look at the Literature on Cross-Country Growth Empirics’ [527]  
*Journal of Economic Surveys* 25(1): 109-155, 2011, with F. Teal (Oxford).

(d) Other Publications (including Book Chapters)

- [19] ‘Nonlinearities in the Relationship between Debt and Growth: (No) Evidence from Two Centuries’ [37]  
*Macroeconomic Dynamics*, 23(4): 1563-1585, 2019.
- [20] ‘The Effect of Agricultural Technology on the Speed of Development’ [61]  
*World Development*, 109: 483-496, 2018, with D. Vollrath (Houston).
- [21] ‘What Can Explain the Chinese Patent Explosion?’ [118]  
*Oxford Economic Papers*, 69(1): 239-262, 2017, with C. Helmers (Santa Clara) and Z. Yu (Nottingham).  
[media coverage: *BBC World Service*, *China Daily*, *FT Investment Adviser*]
- [22] ‘From One to Many Central Plans: Drug Advertising Inspections and Intra-National Protectionism in China’ [23]  
*Journal of Comparative Economics*, 44(3): 608-22, 2016, with Z. Wang (De Montfort) and Z. Yu (Nottingham).
- [23] ‘Patent Litigation in China: Protecting Rights or the Local Economy?’ [40]  
*Vanderbilt Journal of Entertainment & Technology Law*, 18(4): 713-41, 2016,  
with B. Love and C. Helmers (both Santa Clara). [media coverage: *Intellectual Asset Management magazine*]
- [24] ‘The Heterogeneous Effect of Software Patents on Expected Returns: Evidence from India’ [9]  
*Economics Letters*, 145: 73-8, 2016, with M. Fafchamps (Stanford), C. Helmers (St Clara) & M. Patnam (IMF).
- [25] ‘Dynamics and Long Panels’ [129]  
In: F. Teal and M. Söderbom (lead authors) *Empirical Development Economics*, London: Routledge, October 2014.
- [26] ‘Growth, Employment, and Industry in Nigeria’ [3]  
In: V. Treichel (ed.) *Putting Nigeria to Work*, Washington, DC: World Bank, 2010, with F. Teal (Oxford).
- [27] ‘Ghana and Côte d’Ivoire: Changing Places’ [35]  
In: Graduate Institute of International and Development Studies (eds.) *Africa: 50 years of independence*, pp.33-49, Geneva: Graduate Institute, 2010, with F. Teal (Oxford).
- [28] ‘The Empirics of Economic Growth: A Dual Economy Approach’ in: UNIDO (eds) *Growth, Exports & Technological Change in Developing Countries: Contributions from Young Scholars*, pp.9-21, Vienna: UNIDO, 2009.
- [29] ‘It’s not Technical Progress: Empirical TFP Determination and Structural Change’ [1]  
*Oxonomics* 3(1): 10-15, 2008

(e) Retired Working Papers

- [30] ‘Accounting for Unobserved Heterogeneity in Panel Time Series Models’ [1,119] Nov. 2013, with S. Bond (Oxford)
- [31] ‘Panel Estimation for Worriers’ [23] November 2010, with A. Banerjee (Birmingham) and J.J. Reade (Reading)
- [32] ‘The Role of Crop Type in Cross-Country Income Differences’ [13] April 2016, with D. Vollrath (Houston)
- [33] ‘Untested Assumptions and Data Slicing: A Critical Review of Firm-Level Production Function Estimators’ [129]  
November 2019, with C. Helmers (Santa Clara)

(f) Stata Code

Total downloads via SSC (`ssc install` in Stata) for all packages: ~120,000 since 2011 (statistics collated using `ssccount`)

- [34] ‘Estimating panel time series models with heterogeneous slopes’ [545] *Stata Journal* 12(1): 61-71, 2012
- [35] ‘MULTIPURT: Stata module to run 1st and 2nd generation panel unit root tests’, 2011
- [36] ‘XTCD: Stata module to investigate variable/residual cross-section dependence’, 2011
- [37] ‘XTMG: Stata module to estimate panel time series models with heterogeneous slopes’, 2011

(g) *Earlier (Pre-Doc) Research in International Business and Management on ‘Sourcing Strategies in China’*

- [38] ‘On the Performance of Chinese State-Owned and Private Enterprises: the View from FIEs’ [12]  
*Journal of General Management* 32(1), pp.65-80, 2006, with A. Millington and B. Wilkinson (both Bath).
- [39] ‘Guanxi and supplier search mechanisms in China’ [103]  
*Human Relations* 59(4), pp.505-531, April 2006, with A. Millington and B. Wilkinson.
- [40] ‘Supplier Performance and Selection in China’ [80]  
*Int. Journal of Operations and Prod. Management* 26(2), pp.185-201, 2006, with A. Millington and B. Wilkinson.
- [41] ‘Human Resource Barriers to Partnership Sourcing in China’ [53]  
*International Journal of HRM* 16(10): 105-119, 2005, with J. McLaren, A. Millington and B. Wilkinson (all Bath).
- [42] ‘Gift Giving, Guanxi & Illicit Payments in Buyer-Supplier Relations in China: Analysing UK Companies’ [262]  
*Journal of Business Ethics* 57(3): 255-268, 2005, with J. McLaren, A. Millington and B. Wilkinson.
- [43] ‘Multiple Forces in Component Localisation in China’ [67]  
*European Management Journal* 22(3): 290-303, 2004, with J. McLaren, A. Millington and B. Wilkinson.

## **PREVIOUS EMPLOYMENT & SHORT-TERM CONSULTANCY**

2016 – 23	<b>Research Affiliate</b> , Centre for Economic Policy Research (CEPR), Macro and Growth Programme
2011 – 17	<b>Assistant Professor</b> (Full-Time), School of Economics, University of Nottingham
2013 – 14	<b>Consultant</b> , Effective States and Inclusive Development (esid) Research Centre, University of Manchester – ‘The Political Economy Determinants of Economic Growth’ (PI: K. Sen)
2009 – 11	<b>ESRC Postdoctoral Research Fellow</b> (Full-Time), CSAE, University of Oxford
2009	<b>Research Officer</b> (Full-Time), CSAE, University of Oxford – ‘Agricultural Production & Trade’
2009	<b>Consultant</b> , International Development Research Center, Canada – ‘FDI in Ghana’
2009	<b>Consultant</b> , Oxford QEH/DfID – ‘Smallholder Agriculture in Ethiopia’
2008 – 09	<b>Consultant</b> , World Bank, Nigeria office – ‘Industrial Development Policy in Nigeria’
2007 – 08	<b>Research Assistant</b> to Dr L. Yueh, Oxford – ‘Technology Transfer in China’
2007 – 09	<b>Consultant</b> , UNIDO, Vienna, Austria – ‘Industrial Development Report 2009’
2002 – 04	<b>Research Officer</b> (Full-Time), School of Management, Bath – ‘Sourcing Strategies in China’
2001 – 02	<b>Research Assistant</b> , Overseas Development Group, Norwich – ‘The Chinese Textile Industry’
1994 – 95	<b>Intern</b> (Full-Time), Buschmann & Söhne Shipyard, Hamburg
1993 – 94	<b>Zivildienst</b> (Full-Time), BUNDjugend (Bund für Umwelt & Naturschutz) Ba-Wü, Stuttgart

## **EDUCATION**

**DPhil (PhD) in Economics**, University of Oxford, 2009

*Thesis title:* ‘Modelling technology in agriculture and manufacturing using cross-country panel data’

*Supervisors:* Dr F. Teal, Prof. S. Bond. *Examiners:* Prof. J. Temple (Bristol), Prof. J. Muellbauer (Oxford)

**MPhil in Economics**, University of Oxford, 2006

**MA in Development Economics** (with Distinction), University of East Anglia, 2002

**BA (Hons) in Modern Chinese Studies** (1st Class, with Distinction in Spoken Chinese), University of Leeds, 2000

Prior to this study of Chinese language at Renmin University of China, Beijing (1997 – 99); and of

German Literature & Sinology at Albert-Ludwigs-Universität, Freiburg, Germany (1995 – 97)

**Abitur** Dietrich Bonhoeffer Gymnasium, Metzingen, Germany, 1993

## **FUNDING, AWARDS & PROFESSIONAL RECOGNITION**

2022	<b>University of Nottingham Faculty of Social Science</b> (£11,789) ‘Gender differences in reference letters: Economic significance and behavioural mechanisms’ (w/ Giovanni Facchini, Anna Hochleitner, Valeria Rueda, Fabio Tufano; Nottingham)
2021, 2022	<b>University of Nottingham Reward Scheme</b> Non-consolidated Bonus
2020	<b>STEMM-CHANGE</b> (£4,662) ‘Gender differences in reference letters’ (w/ Giovanni Facchini and Valeria Rueda, Nottingham)
2013 – 16	<b>Economic and Social Research Council (ESRC) Future Research Leaders Grant</b> (£179,869) ‘Knowledge Accumulation & Diffusion: Analysing Heterogeneity in an Interconnected World’
2012 – 16	<b>University of Nottingham Personal Development and Performance Review</b> Rated 1 (‘exceptional performance,’ 4-11% of School faculty each year) in 2012, 2015, and 2016
2009 – 11	<b>ESRC Post-doctoral Fellowship</b> (£150,369) ‘Essays in Empirical Productivity Analysis’
2004 – 08	<b>ESRC 1+3 Doctoral Scholarship</b> (fees & maintenance)

## **PROFESSIONAL ACTIVITIES**

### *Short Academic Visits*

- 2017 School of International Service, American University, Washington DC, May-June  
Economist, International Monetary Fund, Washington DC, February-May
- 2014 Fletcher School of Law and Diplomacy, Tufts University, October  
Oxford Centre for the Study of African Economies, March  
OECD STI (Directorate for Science, Technology and Industry), February

### *Conference and Workshop Presentations (\* online presentations)*

- 2024 Centre for the Study of African Economies (CSAE) Conference, Oxford (*scheduled*)
- 2023 Panel Data Conference, Amsterdam; Tilburg GIFT workshop; Nottingham NICEP annual conference; European Winter Meeting of the Econometric Society, Manchester
- 2022 5th Loughborough Workshop on Economics of Emerging and Developing Countries; York Econometrics Symposium; ‘Early modern science, technology, and institutions’ conference, Manchester; CSAE Conference\*; International Women’s Day Workshop, Nottingham
- 2021\* Case for Democracy Conference, Brussels (invited speaker); RCEA Future of Growth Conference; International Applied Econometrics Association; 26th International Panel Data Conference
- 2019 InsTED Workshop, Nottingham; German Econ. Assoc. Research Group on Development Economics, DIW Berlin; Economic History Society, Belfast; CSAE Conference, St Catherine’s College, Oxford
- 2018 Conference on ‘Economic Integration in Historical Perspective’, Nottingham; Money, Macro and Finance Research Group Conference, Edinburgh; CSAE Conference, St Catherine’s College, Oxford
- 2017 Danish Society for Economic and Social History Conference, Copenhagen; European Historical Economics Society Conference, Tübingen; Georgetown Center for Economic Research Biennial Conference; CEPR-NYUAD Workshop on Drivers of Economic Divergence, Abu Dhabi
- 2016 Vienna Frontier Research in Economic and Social History (FRESH) Meeting; ESRC-Nottingham-Imperial College workshop on ‘Intangibles and Productivity: Micro and Macro Empirical Approaches,’ (organiser & presenter); ‘Growth, Inequality and Globalisation’ workshop, Lund; ‘Rural Transformation, Agricultural and Food System Transition,’ FAO, Rome; DEGIT XXI, Nottingham; Economic History Society Annual Conference, Cambridge; CSAE Conference, Oxford
- 2015 3rd Panel Data Workshop: International Trade, University of Amsterdam; Economic Growth and Socioeconomic Issues in China and India, Lincoln Business School; Sir Arthur Lewis centenary workshop, Manchester IDPM; CSAE Conference, Oxford
- 2014 ETSG Annual Conference, Munich; Warwick Economic Growth Workshop; International Association for Applied Econometrics Conference, London; GEP Conference ‘Firm & Technology Dynamics: A Global Perspective,’ Nottingham; RES Conference, Manchester; CSAE Conference, Oxford
- 2013 6th GEP Conference, Ningbo, China; HKU-University of Nottingham Trade Workshop, Hong Kong; UNU-WIDER conference on ‘Inclusive Growth in Africa,’ Helsinki; SIRE Workshop on ‘Theory and Estimation of Gravity Equations,’ Strathclyde University, Glasgow; 19th International Panel Data Conference, Cass Business School, London; Cross-Section Dependence in Panel Data Models, Cambridge; RES Annual Conference, Egham; CSAE Conference, Oxford
- 2012 5th GEP Conference, Ningbo; 4th GEP/GRI/KIEP Conference on International Trade, Seoul; 3rd Development Economics Workshop, Tilburg; RES Conference, Cambridge; CSAE Conference
- 2011 4th GEP Conference, Ningbo; CUHK-GEP Joint Conference, Hong Kong; UK Stata User Group Meeting, Cass Business School, London; 6th Annual Conference of the EPIP Association, Brussels; Growth & Business Cycles in Theory & Practice VI, Manchester; Applied Economics Meeting, Huelva; RES Conference, Egham; CSAE Conference, Oxford.
- 2010 Macroeconometric Workshop, Berlin; Comparative Analysis of Enterprise Data Conference, London; Meeting of the Irish Society of New Economists, Dublin; DEGIT, Frankfurt; Congress of the European Economic Association, Glasgow; International Conference on Panel Data, Amsterdam; Applied Economics Meeting, Seville; North American Productivity Workshop, Houston; RES Conference, Guildford; CSAE Conference, Oxford; COINVEST, Lisbon.
- 2007 – 09 NEUDC, Boston; Nordic Econometric Meeting, Lund; World Conference of the Spatial Econometrics Association, Barcelona; International Conference on Panel Data, Bonn; CSAE Conference, Oxford; Factor Structures for Panel & Multivariate Time Series Data Conference, Maastricht; ESRC Development Economics Conference, IDS, Sussex; Nordic Conference for Development Economics, Stockholm; UNIDO Expert Group Meeting, Vienna (×3).

*Invited Seminars (\* online presentations)*

2023	Göttingen; Natural Resources Institute, University of Greenwich
2022	Strathclyde*; Surrey
2021*	Nottingham NICEP WIP; Nottingham Economics; Birmingham; Nottingham NICEP
2019	Department of Economics, Ghent
2018	Nottingham NICEP; LSE Economic History Department; SKEMA Business School, Paris/La Defense; Lund; Middlesex University Business School
2017	Imperial College Business School; UCD Geary; Trinity College, Dublin; American University, SIS
2016	Nottingham University Business School, China Research Group; Oxford CSAE
2015	Reading; IMF Strategy, Policy & Review Department; EBRD, London; Sheffield; Nottingham GEP
2014	OECD STI; CERDI Auvergne; Nottingham CREDIT; Hamburg; Ghent; Nottingham GEP; IMF Research Department; Tufts Fletcher School; Birmingham
2012	Oxford OIPRC; Nottingham CFCM; Nottingham NUBS
2011	Leicester; Nottingham GEP; Oxford (×2); Southern Denmark; Strathclyde
2007 – 10	Birmingham (×2); Brown; Gothenburg; Manchester (IDPM); Oxford (×6)

*Service: Committee Membership, University and Departmental Roles*

**Nottingham – Current Roles** *School-level:* Recruitment Committee, Senior Search (2022/23); Reviewer, Junior Job Market Recruitment (2023/24; 2022/23); School Enhancement Plan action group (from 2021); School UNIC Operational Link Tutor (from 2021); Director of Undergraduate Admissions (from 2020); Equality, Diversity and Inclusion Committee (from 2017); Marketing, Admissions & Careers Committee (from 2014).

*University-level:* Investigating Officer, Employment Relations (from September 2019)

**Nottingham – Past Roles** GEP Seminar co-organizer (2018-20); Postgraduate Research – Admissions (2018-2020); Postgraduate Research Committee (2017-2020); Athena SWAN Self-Assessment Team (2016-17); Research Student Placement Officer (2015-16); Research Committee (2011-16); Study Abroad Coordinator (2011-14)

*Peer Review: Hiring and Funding***Member, Selection Committee (Berufungskommission)**

- University of Göttingen (Germany), Chair (W2-Professur) in the Economics and Politics of China, 2023

**Member, Commissioning Panel**

- DfID/ESRC Growth Research Programme (Follow-on Call), May 2019
- ESRC Global Challenges Research Fund (Strategic Networks Call), October 2016 (total funds: £3m)
- DfID/ESRC Growth Research Programme (Call 2), March 2014 (total funds: £10m)

**Member, Academic Assessor Group**

- Peer Reviewer, Productivity Institute Programme Evaluation (ESRC): April 2022 (×1 review)
- ESRC Global Challenges Research Fund (Strategic Networks Call): October 2016 (×21)
- DfID/ESRC Growth Research Programme Call 2: June 2013 (×13), February 2014 (×6); Call 3: September 2015 (×3); Follow-on Call: March 2019 (×6)

**Member** ESRC Peer Review College, since July 2010 (×11).

**Member** University of Nottingham Peer Review College, since November 2012 (×3).

**Research Assessor** Carnegie Trust for the Universities of Scotland, since February 2018.

**Reviewer** FWO (Research Foundation Flanders), Postdoctoral Fellowship, since February 2017 (×1).

**Reviewer** DFG (Deutsche Forschungsgemeinschaft), Sachbeihilfe, since December 2018 (×1).

**Reviewer** Polish-U.S. Fulbright Commission, since July 2019 (×1).

**Reviewer** Leverhulme Trust, Research Project Grants, since December 2023 (×1).

**Reviewer** Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Grants, December 2023 (×1).

*Peer Review: Conferences, Discussion Papers Series and Journal Submissions*

**Reviewer** Centre for the Study of African Economies annual conference, University of Oxford, 2010 – 2013, 2015 – 2020

**Associate Editor** for *Empirical Economics* (since 2018)

**Member of the Editorial Board** of *International Economics* (since 2021)

**Reviewer** for academic journals (×175) and institutions/publishers (×11): *American Economic Journal: Applied Economics*, *American Economic Review: Insights*, *American Journal of Agricultural Economics* (×2), *Applied Economics*, *Australian Journal of Agricultural and Resource Economics*, *The Bank of England*, *The Bank of Spain*, *The B.E. Journal of Economic Analysis & Policy*, *The B.E. Journal of Macroeconomics*, *Bulletin of Economic Research*, *Cambridge University Press*, *Canadian Journal of Economics* (×3), *China Economic Review*, *Comparative Economic Studies*, *Ecological Economics*, *Econometrics Reviews* (×2), *Economic Analysis and Policy*, *Economic Change and Restructuring*, *Economic Development and Cultural*

*Change* (×5), *Economic History Review*, *Economic Inquiry* (×4), *Economic Modelling*, *Economica*, *Empirical Economics* (×10), *Environmental Science and Pollution Research*, *Energy Economics*, *Energy Policy*, *Environmental Science and Pollution Research*, *European Journal of Political Economy* (×3), *European Economic Review* (×3), *Food Policy*, *Frontiers of Economics in China*, *Global Affairs*, *International Economic Review*, *Journal of African Economies* (×7), *Journal of Applied Econometrics* (×7), *Journal of Commodity Markets* (×2), *Journal of Development Economics* (×5), *Journal of Development Studies* (×7), *Journal of Economic Growth* (×2), *Journal of Economic History*, *Journal of Economic Inequality*, *Journal of Economic Surveys*, *Journal of Economic Structures*, *Journal of Institutional Economics*, *Journal of International Money and Finance*, *Journal of Macroeconomics*, *Journal of Productivity Analysis*, *Journal of the Royal Statistical Society*, *Macroeconomic Dynamics* (×3), *Manchester School*, *North American Journal of Economics and Finance*, *Oxford Bulletin of Economics and Statistics* (×11), *Oxford Development Studies* (×3), *Oxford Economic Papers* (×11), Palgrave Macmillan, *Quarterly Review of Economics and Finance* (×4), *Regional Science and Urban Economics*, *Regional Studies*, *Research Policy* (×2), *Review of Development Economics* (×2), *Review of Economics and Institutions*, *Review of Economics and Statistics*, *Review of Income and Wealth*, *Review of International Economics* (×2), *Review of Regional Research*, *Review of World Economics*, Routledge UK, Sapienza University of Rome, *Scottish Journal of Political Economy* (×3), *SERIEs*, *South African Journal of Economics*, *Southern Economic Journal* (×2), *Stata Journal* (×3), *Structural Change and Economic Dynamics*, *Studies in Nonlinear Dynamics & Econometrics*, UNCTAD, The World Bank (×2), *World Development* (×6), *The World Economy* (×17).

#### Peer Review: Supervision and Examination

#### Supervisor, Doctoral Thesis/Dissertation/Extended Essay

- PhD programme in Economics, University of Nottingham (×10)
  - J. Li, *Market Integration in Qing Dynasty China*, joint w/ Prof. S. Morgan, 2013 – 2014 (First placement: Xiamen University)
  - S. Mukherjee, *Structural Change in India*, joint with Prof. O. Morrissey, 2012 – 2015 (IIM Kozhikode)
  - D. Cain, *A Trade Gravity Model for CARICOM*, joint with Dr P. Marsh, 2013 – 2017 (Caribbean Community Climate Change Centre)
  - L. Roger, *The Determinants of Foreign Aid Effectiveness*, joint with Prof. O. Morrissey, 2014 – 2018 (ODI Fellow, Zimbabwe Ministry of Finance and Economic Development)
  - G. Chapman, *The Determinants of Free Trade Areas*, joint with Prof. C. Milner, 2014 – 2018 (Maxwell Stamp)
  - Y. Noh, *Global bank 'branches' and financial stability*, joint with Dr. M. Rubio, 2019 – 2021 (Bank of Korea)
  - J. Amann, *Structural Breaks and the Debt-Growth Nexus*, joint with Prof. S. Leybourne, 2016 – 2022 (OECD)
  - R. Cho, *Financial innovation and growth*, joint with Prof. O. Licandro, 2018 – 2023 (University of Birmingham)
  - H. Lim, *Monetary policy and capital controls*, joint with Dr. R. Mukherjee, since 2021 (ongoing)
  - S. Elbadri, *Macroeconomics of Natural Disasters*, joint with Dr. J. Vizcaino, since 2022 (ongoing)
- MSc in Economics for Development, University of Oxford: 2009/10
- MSc programme in Economics, University of Nottingham: 2011/2 (× 2), 2012/3 (× 4), 2013/4 (× 3), 2014/5 (× 3), 2015/6 (× 2), 2017/8 (× 4), 2018/9 (× 4), 2019/20 (× 3), 2020/21 (× 3)
- UG programme in Economics, University of Nottingham: 2011/2 (× 6), 2012/3 (× 6), 2013/4 (× 5), 2014/5 (× 7), 2015/6 (× 6), 2017/8 (× 8), 2018/9 (× 9), 2019/20 (× 11), 2020/21 (× 7), 2021/22 (× 13), 2022/23 (× 13), 2023/24 (× 12)

#### External PhD Examiner (×8)

- Heriot-Watt University, Edinburgh: J. Ditzen (2018) *Contributions to the analysis of growth and X-sectional dependence*
- Lund University (Sweden): Y. Petrova (2020) *Essays on Panel Data with Multidimensional Unobserved Heterogeneity*
- University of Birmingham: K. Cheng (2021) *Essays on the Environmental Economic History of China During the Ming and Qing Dynasties*
- University of Ghent (Belgium):
  - S. De Schryder (2014) *Topics in Monetary Economics*
  - R. Schoonackers (2015) *Empirical essays on fiscal policy, growth and consumption*
  - S. de Visscher (2019) *Measuring total factor productivity and understanding its determinants*
- University of New South Wales: T. Neal (2015) *Essays on Panel Data Econometrics and the Distribution of Income*
- University of Oxford: S. Witte (2022) *Essays on Information Regimes and Uncertainty in Emerging Economies*

#### Internal PhD Examiner University of Nottingham (×7)

- C. Parsons (2012) *Essays in International Migration*
- T. deStefano (2016) *Information Communication Technology, Broadband Infrastructure and Firm Performance*
- A. Mbu Tagem (2018) *Essays on aid allocation and effectiveness in developing countries*
- H. Ahmadzai (2018) *Development and Diversification of Small-Scale Agriculture in Afghanistan*
- A. Nieto Castro (2019) *Essays in Applied Economics*

- E. Cefalà (2022) *Essays on the Political Economy of Migration*
- W. Hu (2023) *Taylor rules and exchange rate predictability in different inflation targeting scenarios*
- G. Lucchetti (2024) *Essays on Immigration and Regional Economics* (scheduled)

**External Examiner** MSc Economics for Development, University of Oxford, 2018 – 2022

## **TEACHING**

### *Undergraduate level*

- 2019 – now **Lecturer**, UG Programme in Economics (Final Year), University of Nottingham  
ECON3001 Dissertation (module convenor: 350 students), compulsory module
- 2018 – now **Lecturer**, UG Programme in Economics (Year 2), University of Nottingham  
ECON2006 Applied Econometrics II (module convenor: 350 students), compulsory module
- 2008 – 2011 **Stipendiary Lecturer in Economics**, St Catherine's College, Oxford  
Tutor for 2nd year undergraduate core module 'Quantitative Economics'.
- 2008 – 2010 **Undergraduate Tutor**, Department of Economics, University of Oxford  
'Economics for Developing Countries'.
- 2005 – 2006 **Undergraduate Tutor**, St John's College, Oxford  
'Introduction to Mathematical Methods'.

### *Postgraduate level*

- 2011 – now **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
ECON4029 Economic Research Methodology (lecture on writing an empirical thesis)
- 2017 – 2020 **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
ECON4013 Development Policy Analysis
- 2017 **Lecturer**, PhD Programme in Economics, School of Economics, University of Nottingham  
Topics in Applied Econometrics
- 2011 – 2016 **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
L14009 Economic Data Analysis  
L14036 Growth
- 2011 – 2014 **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
L14005 Economic Policy Analysis  
L14050 Development Policy Analysis
- 2014 **Visiting Lecturer** (PhD-level), CERDI, Université d'Auvergne  
4-day course: lectures on 'Panel Time Series'.
- 2013 **Visiting Lecturer** (PhD-level), University of Glasgow  
3-day course: lectures and Stata labs on 'Panel Time Series'.
- 2013 **Visiting Lecturer** (PhD-level), esid/Institute of Economic Growth, Delhi  
2-day course: lectures and Stata labs on 'Panel Time Series'.
- 2012 **Visiting Lecturer** (PhD-level), ESRC/Scottish PhD Program/sire, University of Edinburgh  
3-day course: lectures and Stata labs on 'Panel Time Series'.
- 2011 – 2012 **Visiting Lecturer**, Centre for Microdata Methods and Practice (cemmap), IFS/UCL, London  
3-day course: lectures and Stata labs on 'Panel Time Series' (with Prof. R. Smith, Birkbeck).
- 2009 – 2011 **Lecturer**, MSc Economics for Development, Department of Economics, University of Oxford  
Lectures and Stata labs on 'Panel Time Series & Common Factor Models'.
- 2009 – 10 **Class Teacher**, Foreign Services Programme, Queen Elizabeth House, Department of International Development, University of Oxford. 'International Trade & Finance'.
- 2009 **Visiting Lecturer** (PhD-level), Department of Economics, Gothenburg University/Sweden.  
2-day course: Lectures and Stata lab on 'Panel Time Series'.
- 2008 – 2010 **Class Teacher and Lecturer**, MSc Global Governance & Diplomacy and MPhil Development Studies, Queen Elizabeth House, University of Oxford. Teacher for 'Quantitative Methods'. (including SPSS labs), Lecturer for 'Impact Evaluation'.

## **SKILLS & TRAINING**

### *Summer Schools & Other Professional Training*

- 'Treatment Models and Regression Discontinuity'** Prof. A. Lewbel (Boston College). IMF Short course, 2017
- 'Growth Policy Design'** Prof. P. Aghion (Collège de France/LSE). IMF Short course, 2017



**‘Spatial Econometrics Advanced Institute’** Prof. G. Arbia (Rome), Prof. A. Bera (UIUC), Prof. I. Prucha (Maryland), Prof. B. Baltagi (Syracuse). Spatial Econometric Association, Rome, 2014  
**‘Postgraduate Certificate in Higher Education’ (PGCHE)** University of Nottingham, 2014  
**‘EPO Patent Information for Beginners Seminar’** European Patent Office, Vienna, 2014  
**‘China Patent Forum’** chaired by L. Minford (Rouse UK). Management Forum, London, 2012  
**‘Discrete Choice Modelling’** Prof. B. Green (NYU). cemmap, 2012  
**‘IO: Market Structure, Macro and Trade’** Prof. J. Sutton (LSE), Prof. C. Syverson (Chicago Booth). RES, 2011  
**‘Programming econometric methods in Stata/Mata’** D. Drukker (StataCorp). cemmap, 2010  
**‘Time Series Modelling and Analysis’** Prof. A. Harvey (Cambridge). Queen Mary University, 2010  
**‘Spatial Econometrics’** Prof. J. Hays (Illinois). Essex University Summer School, 2009  
**‘What’s New in Econometrics?’** Prof. G. Imbens (Harvard) & Prof. J. Wooldridge (Michigan). cemmap, 2009  
**‘Economic Growth and Empirics’** Prof. S. Durlauf (Wisconsin-Madison). Rethymno, Crete, 2007  
**‘Panel Time Series’** Prof. R. Smith (Birkbeck). cemmap, 2007

#### *Computing Skills & Languages*

**Computing skills:** Extensive experience with statistical programmes (primarily Stata; also GAUSS).

**Languages:** English (fluent), German (mother tongue), Mandarin Chinese (fluent ~2004), French (intermediate level).