

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 **Web:** 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’
Resubmitted to the *Journal of Environmental Economics and Management*, January 2024,
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	Research Affiliate , Centre for Economic Policy Research (CEPR), Macro and Growth Programme
2011 – 17	Assistant Professor (Full-Time), School of Economics, University of Nottingham
2013 – 14	Consultant , Effective States and Inclusive Development (esid) Research Centre, University of Manchester – ‘The Political Economy Determinants of Economic Growth’ (PI: K. Sen)
2009 – 11	ESRC Postdoctoral Research Fellow (Full-Time), CSAE, University of Oxford
2009	Research Officer (Full-Time), CSAE, University of Oxford – ‘Agricultural Production & Trade’
2009	Consultant , International Development Research Center, Canada – ‘FDI in Ghana’
2009	Consultant , Oxford QEH/DfID – ‘Smallholder Agriculture in Ethiopia’
2008 – 09	Consultant , World Bank, Nigeria office – ‘Industrial Development Policy in Nigeria’
2007 – 08	Research Assistant to Dr L. Yueh, Oxford – ‘Technology Transfer in China’
2007 – 09	Consultant , UNIDO, Vienna, Austria – ‘Industrial Development Report 2009’
2002 – 04	Research Officer (Full-Time), School of Management, Bath – ‘Sourcing Strategies in China’
2001 – 02	Research Assistant , Overseas Development Group, Norwich – ‘The Chinese Textile Industry’
1994 – 95	Intern (Full-Time), Buschmann & Söhne Shipyard, Hamburg
1993 – 94	Zivildienst (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	University of Nottingham Faculty of Social Science (£11,789) ‘Gender differences in reference letters: Economic significance and behavioural mechanisms’ (w/ Giovanni Facchini, Anna Hochleitner, Valeria Rueda, Fabio Tufano; Nottingham)
2021, 2022	University of Nottingham Reward Scheme Non-consolidated Bonus
2020	STEMM-CHANGE (£4,662) ‘Gender differences in reference letters’ (w/ Giovanni Facchini and Valeria Rueda, Nottingham)
2013 – 16	Economic and Social Research Council (ESRC) Future Research Leaders Grant (£179,869) ‘Knowledge Accumulation & Diffusion: Analysing Heterogeneity in an Interconnected World’
2012 – 16	University of Nottingham Personal Development and Performance Review Rated 1 (‘exceptional performance,’ 4-11% of School faculty each year) in 2012, 2015, and 2016
2009 – 11	ESRC Post-doctoral Fellowship (£150,369) ‘Essays in Empirical Productivity Analysis’
2004 – 08	ESRC 1+3 Doctoral Scholarship (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).