

Curriculum Vitae — Markus Eberhardt

September 2020

PERSONAL AND CONTACT DETAILS

Mail: C6, 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 **Twitter:** [MEDevEcon](#)

CURRENT POSITION & AFFILIATIONS

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

Research Affiliate, Centre for Economic Policy Research (CEPR), Macro and Growth Programme, since 2015

Member, Institutions, Trade and Economic Development (InstED) network, since 2015

Associate Editor, *Empirical Economics*, since 2018

RESEARCH

Total Google Scholar Citation Count, September 2020: [3,107](#) (since 2015: [2,271](#))

(a) Research in Progress

- [1] 'Too Much Finance, Not Enough Finance, or Both? New Evidence for the Causal Effect(s) of Finance on Growth' with R. Cho (Nottingham) and R. Desbordes (SKEMA Business School)
- [2] 'Tracing the Roots of the Democracy-Growth Nexus' with V. Boese (V-Dem, University of Gothenburg)

(b) Working Papers and Manuscripts under Review

- [3] 'Commodity Price Movements and Banking Crises' R&R *Journal of International Economics*, with A. Presbitero (IMF)
- [4] 'Democracy Does Cause Growth: Replicating ANRR (2019)' [Earlier version: [CEPR DP 13659](#)] September 2019
- [5] '(At Least) Four Theories for Sovereign Default' [[CEPR DP 13084](#)] July 2018
- [6] 'Grav_{it}' January 2019, with R. Desbordes (SKEMA Business School)
- [7] 'The Secular Decline of Market Integration during Qing China's Golden Age' [Earlier version: [CEPR DP 11288](#)] February 2020, with D. Bernhofen (American University), J. Li (Xiamen), and S. Morgan (UNNC)
- [8] 'Sources of Market Disintegration in 18th Century China' September 2018, with D. Bernhofen (American University), J. Li (Xiamen), and S. Morgan (UNNC)

(c) Main Publications (including forthcoming)

- [9] 'Estimating and Testing the Multicountry Endogenous Growth Model' [Google Scholar Citations: [2](#)] *Journal of International Economics*, 125, July 2020, Article 103325, with S. De Visscher and G. Everaert (Ghent).
- [10] 'The Magnitude of the Task Ahead: Macro Implications of Heterogeneous Technology' [[336](#)] *The Review of Income and Wealth*, 66(2): 334-360, 2020, with F. Teal (Oxford).
- [11] 'Public debt and growth: heterogeneity and non-linearity' [[406](#)] *Journal of International Economics*, 97(1): 45-58, 2015, with A. Presbitero (IMF). [media coverage: [FT](#)]
- [12] 'Do Spillovers Matter When Estimating Private Returns to R&D?' [[212](#)] *The Review of Economics and Statistics*, 95(2): 436-448, 2013, with C. Helmers (St Clara) & H. Strauss (EIB).
- [13] 'Structural Change and Cross-Country Growth Empirics' [[78](#)] *World Bank Economic Review*, 27(2): 229-271, 2013, with F. Teal (Oxford).
- [14] 'No Mangoes in the Tundra: Spatial Heterogeneity in Agricultural Productivity Analysis' [[119](#)] *Oxford Bulletin of Economics and Statistics*, 75(6): 914-939, 2013, with F. Teal (Oxford).
- [15] 'Econometrics for Grumblers: A New Look at the Literature on Cross-Country Growth Empirics' [[335](#)] *Journal of Economic Surveys* 25(1): 109-155, 2011, with F. Teal (Oxford).

(d) Other Publications

- [16] ‘Nonlinearities in the Relationship between Debt and Growth: (No) Evidence from Two Centuries’ [19]
Macroeconomic Dynamics, 23(4): 1563-1585, 2019.
- [17] ‘The Effect of Agricultural Technology on the Speed of Development’ [28]
World Development, 109: 483-496, 2018, with D. Vollrath (Houston).
- [18] ‘What Can Explain the Chinese Patent Explosion?’ [72]
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*]
- [19] ‘From One to Many Central Plans: Drug Advertising Inspections and Intra-National Protectionism in China’ [17]
Journal of Comparative Economics, 44(3): 608-22, 2016, with Z. Wang (Hull) and Z. Yu (Nottingham).
- [20] ‘Patent Litigation in China: Protecting Rights or the Local Economy?’ [26]
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]
- [21] ‘The Heterogeneous Effect of Software Patents on Expected Returns: Evidence from India’ [6]
Economics Letters, 145: 73-8, 2016, w/ M. Fafchamps (Stanford), C. Helmers (St Clara) & M. Patnam (ENSEA).
- [22] ‘Dynamics and Long Panels’ in: F. Teal and M. Söderbom (lead authors)
Empirical Development Economics; three chapters on panel time series; London: Routledge, October 2014.
- [23] ‘Growth, Employment, and Industry in Nigeria’ with F. Teal (Oxford) in: V. Treichel (ed.) *Putting Nigeria to Work: A Strategy for Employment and Growth*, Chapter 3, Washington: The World Bank, 2010.
- [24] ‘Ghana and Côte d’Ivoire: Changing Places’ with F. Teal (Oxford) in: Graduate Institute of International and Development Studies (eds.) *Africa: 50 years of independence*, pp.33-49, Geneva: Graduate Institute, 2010.
- [25] ‘It’s not Technical Progress: Empirical TFP Determination and Structural Change’
Oxonomics 3(1): 10-15, 2008

(e) Old Working Papers

- [25] ‘Accounting for Unobserved Heterogeneity in Panel Time Series Models’ November 2013, with S. Bond (Oxford)
- [26] ‘Panel Estimation for Worriers’ November 2010, with A. Banerjee (Birmingham) and J.J. Reade (Reading)
- [27] ‘The Role of Crop Type in Cross-Country Income Differences’ [CEPR Discussion Paper 11248] April 2016,
with D. Vollrath (Houston)
- [28] ‘Untested Assumptions and Data Slicing: A Critical Review of Firm-Level Production Function Estimators’
November 2019, with C. Helmers (Santa Clara)

(f) Stata Code (titles hyperlinked)

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

FUNDING, AWARDS & PROFESSIONAL RECOGNITION

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’
2011 –	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)

PREVIOUS EMPLOYMENT & SHORT-TERM CONSULTANCY

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

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

Invited Seminars

2019	Department of Economics, Ghent University
2018	Nottingham NICEP; LSE Economic History Department; SKEMA Business School, Paris/La Defense; Lund University School of Economics and Management; 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
2010	Birmingham; Manchester (IDPM); Oxford (×2)
2007 – 09	Birmingham; Brown; Gothenburg; Oxford (×4)

Conference and Workshop Presentations

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 (CAED) Conference, London; Meeting of the Irish Society of New Economists (ISNE), Dublin; Dynamics, Economic Growth and International Trade (DEGIT) Conference, Frankfurt; Congress of the European Economic Association (EEA), Glasgow; International Conference on Panel Data, Amsterdam; Applied Economics Meeting, Seville; North American Productivity Workshop (NAPW), Houston; RES Conference, Guildford; CSAE Conference, Oxford; COINVEST, Lisbon.
- 2007 – 09 Northeastern Universities Development Consortium (NEUDC) Conference, 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 (Poster); ESRC Development Economics Conference, IDS, Sussex; Nordic Conference for Development Economics, Stockholm; UNIDO Expert Group Meeting, Vienna (×3).

Peer Review and Supervision

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

- ESRC Global Challenges Research Fund (Strategic Networks Call): October 2016 (×21 reviews)
- DfID/ESRC Growth Research Programme Call 2: June 2013 (×13 reviews), February 2014 (×6); Call 3: September 2015 (×3); Follow-on Call: March 2019

Member ESRC Peer Review College, since July 2010 (×9).

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

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

External Examiner MSc Economics for Development, University of Oxford, since October 2018

External PhD Examiner (×6) University of Ghent (Belgium): S. De Schryder (2014), R. Schoonackers (2015), S. de Visscher (2019); University of New South Wales, Sydney: T. Neal (2015); Heriot-Watt University, Edinburgh: J. Ditzen (2018); Lund University: Y. Petrova (2020)

Internal PhD Examiner University of Nottingham (×5): C. Parsons (2012), T. deStefano (2016), A. Mbu Tagem (2018), H. Ahmadzai (2018), A. Nieto Castro (2019)

Supervisor, Doctoral Thesis/Dissertation/Extended Essay

- PhD programme in Economics, University of Nottingham:

- J. Li, *Market Integration in Qing Dynasty China*, joint with Prof. S. Morgan, 2013 – 14 (*completed*)
 S. Mukherjee, *Structural Change in India*, joint with Prof. O. Morrissey, 2012 – 15 (*completed*)
 D. Cain, *A Trade Gravity Model for CARICOM*, joint with Dr P. Marsh, 2013 – 17 (*completed*)
 L. Roger, *The Determinants of Foreign Aid Effectiveness*, joint with Prof. O. Morrissey, 2014 – 18 (*completed*)
 G. Chapman, *The Determinants of Free Trade Areas*, joint with Prof. C. Milner, 2014 – 18 (*completed*)
 J. Amann, *Structural Breaks and the Debt-Growth Nexus*, joint with Prof. S. Leybourne, 2016 – 21 (*ongoing*)
 R. Cho, *Financial innovation and growth*, joint with Prof. O. Licandro, 2018 – 22 (*ongoing*)
 Y. Noh, *Global bank 'branches' and financial stability*, joint with Dr. M. Rubio, 2019 – 23 (*ongoing*)

- MSc in Economics for Development, University of Oxford: 2009/2010
- 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)
- 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)

Scientific Committee Dynamics, Economic Growth, and International Trade (DEGIT) Conference XXI, GEP, University of Nottingham, September 2016

China in Africa Workshop, University of Oxford, scheduled March 2020

Reviewer Centre for the Study of African Economies annual conference, University of Oxford, 2010 – 13, 2015 – 2020

Associate Editor for *Empirical Economics* (since 2018)

Reviewer for academic journals (×145) and policy institutions/publishers (×11): the *American Economic Review: Insights*, *American Journal of Agricultural Economics* (×2), *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* (×2), *China Economic Review*, *Ecological Economics*, Deutsche Forschungsgemeinschaft (DFG), *Econometrics Reviews* (×2), *Economic Change and Restructuring*, *Economic Development and Cultural Change* (×5), *Economic History Review*, *Economic Inquiry* (×4), *Economic Modelling*, *Empirical Economics* (×10), *Energy Economics*, *Energy Policy*, *European Economic Review* (×2), *Food Policy*, *Frontiers of Economics in China*, FWO (Research Foundation Flanders), *Global Affairs*, *Journal of African Economies* (×7), *Journal of Applied Econometrics* (×7), *Journal of Development Economics* (×5), *Journal of Development Studies* (×6), *Journal of Economic Growth*, *Journal of Economic Inequality*, *Journal of Economic History*, *Journal of Economic Surveys*, *Journal of International Money and Finance*, *Journal of Macroeconomics*, *Journal of Productivity Analysis*, *Journal of the Royal Statistical Society*, *Macroeconomic Dynamics* (×3), *Manchester School*, *Oxford Bulletin of Economics and Statistics* (×9), *Oxford Development Studies* (×3), *Oxford Economic Papers* (×11), Palgrave Macmillan, Polish-U.S. Fulbright Commission, *The 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), Routledge UK, Sapienza University of Rome, *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* (×15).

Committee Membership, University and Departmental Roles

Nottingham – Current Roles School level: Publicity & Outreach Committee (from 2014); Equality, Diversity and Inclusion Committee (from 2017); Undergraduate Admissions Officer (from August 2020)

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)

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).

TEACHING

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 **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’.

Undergraduate level

2019 – now **Lecturer**, UG Programme in Economics (Final Year), University of Nottingham
ECON3001 Dissertation lectures & module convenor
2018 – now **Lecturer**, UG Programme in Economics (Year 2), University of Nottingham
ECON2006 Applied Econometrics II (module convenor)
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’.

ACADEMIC REFERENCES

Prof. Daniel Bernhofen School of International Service, American University, Washington, DC 20016
Tel: +1 202 8856721, Email: dbernhof@american.edu

Prof. Steve Bond Nuffield College, New Road, Oxford, OX1 1NF
Tel: 01865 278674, Email: steve.bond@nuffield.ox.ac.uk

Prof. Jonathan Temple Department of Economics, University of Bristol, 8 Woodland Road, Bristol BS8 1TN
Tel: 0117 9288430, Email: jon.temple@bristol.ac.uk