

# Curriculum Vitae — Markus Eberhardt

August 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](mailto:markus.eberhardt@nottingham.ac.uk) **Web:** [sites.google.com/site/medevecon](https://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, August 2020: [3,052](#) (since 2015: [2,217](#))

### *(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<sub>it</sub>*’ 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: [1](#)]  
*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’ [[329](#)]  
*The Review of Income and Wealth*, 66(2): 334-360, 2020, with F. Teal (Oxford).
- [11] ‘Public debt and growth: heterogeneity and non-linearity’ [[394](#)]  
*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?’ [[209](#)]  
*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’ [[331](#)]  
*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’ [17] *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’ [16] *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?’ [25] *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	<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’
2011 –	<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)

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

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

## **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 (× 10)

**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 (×144) 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 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* (×2), *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*

2017 – now **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
L14050 Development Policy Analysis

2011 – now **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
L14099 Economic Research Methodology (lecture on writing an empirical thesis)

2017 **Lecturer**, PhD Programme in Economics, School of Economics, University of Nottingham  
Topics in Applied Econometrics

2011 – 16 **Lecturer**, MSc Programme in Economics, School of Economics, University of Nottingham  
L14009 Economic Data Analysis  
L14036 Growth

2011 – 14 **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 – 12 **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 – 11 **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 – 10 **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

2008 – 11 **Stipendiary Lecturer in Economics**, St Catherine’s College, Oxford  
Tutor for 2nd year undergraduate core module ‘Quantitative Economics’.

2008 – 10 **Undergraduate Tutor**, Department of Economics, University of Oxford  
‘Economics for Developing Countries’.

2005 – 06 **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](mailto:dbernhof@american.edu)

**Prof. Steve Bond** Nuffield College, New Road, Oxford, OX1 1NF  
Tel: 01865 278674, Email: [steve.bond@nuffield.ox.ac.uk](mailto: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](mailto:jon.temple@bristol.ac.uk)