

CHRISTIAN HELMERS

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Universidad Carlos III de Madrid
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ACADEMIC POSITIONS

01/2011- Assistant Professor, Department of Management, Universidad Carlos III, Madrid
06/2010-12/2010 Research Economist, London School of Economics and Political Science

VISITING POSITIONS

06/2011-09/2011 Visiting Researcher, Ludwig Maximilians University (LMU) Munich,
INNO-tec (invited by Prof. Dietmar Harhoff)
11/2009-05/2010 Visiting Research Scholar, Department of Economics, University of California,
Berkeley (invited by Prof. Bronwyn Hall)

EDUCATION

2006-2010 DPhil in Economics, Department of Economics, University of Oxford
 Supervisor: Prof. Marcel Fafchamps
 Examiners: Prof. Steve Bond and Prof. Jonathan Haskel
2005-2006 MSc in Economics for Development, University of Oxford (with Distinction)
2005-2007 Advanced Studies Programme, Kiel Institute for World Economics (IfW)
2002-2005 Licence (B.A.), Economics, HEC University of Lausanne
2002 Exchange Program, Catholic University of Rio de Janeiro (PUC-Rio)
2000-2002 First Degree (Vordiplom), Economics & Management, Catholic University of
Eichstätt-Ingolstadt, Germany

AFFILIATIONS

2011 - Research Associate – Centre for the Study of African Economies (CSAE), Oxford
2011 - Research Affiliate – LSE SERC
2008 - Research Affiliate – Kiel Institute for World Economics (IfW)

AWARDS

2010 Best paper award ‘Centro Stefano Franscini – ETH Zürich’ – Knowledge in
Organizations (KIO) Conference, Monte Verità.
2007/2008/2009 George Webb Medley Grant, Department of Economics, University of Oxford
2006 Luca D’Aglano Prize proxime accessit for MSc Extended Essay ‘Knowledge
Spillovers, Innovation and Endogenous Growth,’ University of Oxford

PUBLICATIONS

Do Spillovers Matter When Estimating Private Returns to R&D?, with Markus Eberhardt and Hubert Strauss, *Review of Economics and Statistics*, forthcoming
The Formation and Evolution of Childhood Skill Acquisition: Evidence from India, with Manasa Patnam, *Journal of Development Economics*, Vol. 95, pp. 252-266 (2011)
Does Patenting Help High-Tech Start-Ups?, with Mark Rogers, *Research Policy*, Vol. 40, 1016-1027 (2011)
The role of patent protection in (clean) technology transfer, with Bronwyn Hall, *Santa Clara Computer and High Technology Law Journal*, Vol. 26 (4), pp. 487-532 (2010)
Innovation and the Survival of New Firms across British Regions, with Mark Rogers, *Review of Industrial Organization*, Vol. 36, No. 3, pp. 227-248 (2010)
Firm Growth and Firm Size, with Christoffer Koch and Mark Rogers, *Applied Economic Letters*, Vol. 17, pp. 1547-1550 (2010)
Two Faces of Foreign Management Capabilities: FDI and Productivity in the UK Retail Sector, with Xiaolan Fu and Jing Zhang, *International Business Review*, forthcoming

BOOK CHAPTERS

- 2011 Firm Size and Intellectual Property Management, in James Conley (ed.) 'Strategic Intellectual Property Management: From Inspiration to Innovation,' WIPO.
- 2009 Trade Marks and Performance in UK firms, with Mark Rogers, in Teresa da Silva Lopes and Paul Duguid (eds.) 'Trade Marks, Brands and Competitiveness,' Routledge.

WORKING PAPERS

Innovation and Diffusion of clean/green technology: Can patent commons help?, with Bronwyn Hall, NBER Working Paper No. 16920. (submitted)

The Effect of Market Entry on Innovation - Evidence from UK University Incubators, CEP Discussion Paper No. 1002

Does the Rotten Child Spoil his Companion? Spatial Peer Effects Among Children in Rural India, with Manasa Patnam, CSAE Working Paper 2010-13 (submitted)

Innovation and University Research in the UK, with Mark Rogers, SERC Discussion Paper No. 54

Export subsidies in a Heterogeneous Firms Framework, with Natalia Trofimenko, Kiel Working Paper No. 1476. (submitted)

Untested Assumptions and Data Slicing: A Critical Review of Firm-Level Production Function Estimators, with Markus Eberhardt, Oxford University, Department of Economics Discussion Paper No. 513

Choose the Neighbor before the House: Agglomeration Externalities in UK Science Parks, Winner of best paper award "Centro Stefano Franscini – ETH Zürich" – Knowledge in Organizations (KIO) Conference, Monte Verità.

Is the Dragon Learning to Fly? An Analysis of the Chinese Patent Explosion, with Markus Eberhardt and Zhihong Yu, CSAE Working Paper 2011-15. (submitted)

The choice between formal and informal intellectual property: a review, with Bronwyn Hall, Vania Sena, and Mark Rogers

WORK IN PROGRESS

My precious! The location and diffusion of scientific research: evidence from the Synchrotron Diamond Light Source, with Henry Overman

The Impact of Joint Patents on Incentives to License: Evidence from the US and Europe, with Andrea Fosfuri and Catherine Roux

The Effect of Corporate Networks on Patenting: Evidence from India, with Manasa Patnam

The impact of joining the regional European Patent Convention System, with Bronwyn Hall

Patent Litigation in the UK, with Luke McDonagh

DATA

Intellectual Property at the Firm-Level in the UK: The Oxford Firm-Level Intellectual Property Database, with Mark Rogers and Philipp Schautschick Oxford University, Department of Economics Discussion Paper No. 546

Corresponding data available at: <http://www.epip.eu/datacentre.php>

R&D expenditure and capital in Europe, with Christian Schulte and Hubert Strauss, EIB Papers, Volume 14, Issue 1.

Corresponding data available at: www.eib.org/attachments/r-d-cap-stocks-22-countries.xls

OTHER WRITING

How to achieve diffusion of green technology? Can Patent Commons Help?, with Bronwyn Hall, United Nations University <http://unu.edu/articles/science-technology-society/can-patent-commons-help-diffusion-of-green-technologies#christian-helmers> (October 2011)

China: From Imitator to Innovator, with Markus Eberhardt and Zhihong Yu, Voxeu <http://www.voxeu.eu/index.php?q=node/7028> (September 2011)

What makes science parks successful?, University World News, <http://www.universityworldnews.com/article.php?story=2011050709095848> (May 2011)

Green Technology and Intellectual Property, with Bronwyn Hall, in 'Climate Change: Current Issues,' [IfW Institute for the World Economy](#) (April 2011)

The impact of university research on corporate patenting: New evidence from the UK, with Mark Rogers Voxeu <http://www.voxeu.org/index.php?q=node/5949> (December 2010)

Intellectual property and climate change, with Bronwyn Hall Voxeu <http://www.voxeu.org/index.php?q=node/5706> (October 2010)

POLICY RELATED WRITTEN WORK

INTELLECTUAL PROPERTY and R&D

- 2011 *Trademark Cluttering*, with Georg von Graevenitz, Christine Greenhalgh, and Philipp Schautschick, UK Intellectual Property Office.
- 2011 *The importance of patents and other formal intellectual property in comparison to informal protection methods*, with Bronwyn Hall, Vania Sena, and Mark Rogers, UK Intellectual Property Office.
- 2010 *Intellectual property, exporting, and UKTI support for export capability building*, with Mark Rogers, UK Trade & Investment (UKTI)
- 2009 *A Literature Review on the Efficiency and Effectiveness of University Intellectual Property (IP) Models for the Generation, Identification and Exploitation of "Soft" (Non-Patent and Non-Trademark) IP*, Mark Rogers, David Baghurst and Terry Pollard, Strategic Advisory Board for IP policy and UK Intellectual Property Office.
- 2009 *A literature review on the efficiency and effectiveness of university technology transfer offices and hybrid commercialisation models*, Mark Rogers, David Baghurst and Terry Pollard, Strategic Advisory Board for IP policy and UK Intellectual Property Office.
- 2009 *An Analysis of the Innovative Activity of Entrepreneurial and Young Firms in the UK*, with Mark Rogers, UK Department for Business, Innovation and Skills (BIS) and OECD
- 2008 *Do patents improve the performance of small firms?*, with Mark Rogers, UK Intellectual Property Office.
- 2008 *High Growth Firms in the UK*, with Mark Rogers, UK Department for Business, Enterprise and Regulatory Reform (BERR) – [BERR Economics Paper No. 3](#)
- 2007 *An Analysis of the association between the use of intellectual property by UK SMEs and subsequent performance*, with Mark Rogers and Christine Greenhalgh, UK Intellectual Property Office.
- 2007 *An analysis of the characteristics of small and medium enterprises that use intellectual property*, with Mark Rogers and Christine Greenhalgh, UK Intellectual Property Office.

INTERNATIONAL TRADE

- 2009 *The Role of Trade Policy in Reducing Ukraine's Current Account Deficit - Lessons from Abroad*, with Ricardo Giucci, Veronika Movchan and Kateryna Kutsenko, Institute for Economic Research [IER Policy Paper 01/2009](#)
- 2008 *Determinants of Trade Competitiveness in Jordan*, with Michael Freudenberg and Thierry Paulmier, ITC UNCTAD/WTO
- 2007 *Diverging Approaches to FTAs: An Analysis of Russia's and China's Trade Policy*, with Anna Tevini, GTZ and Mongolian Ministry for Industry and Trade.

- 2007 *Analysis of International Trade in Services: Mongolia, with Miles Light, GTZ, USAID, and Mongolian Ministry for Industry and Trade.*
- 2007 *Determinants of Trade Competitiveness in Romania, with Michael Freudenberg and Thierry Paulmier, ITC UNCTAD/WTO*
- 2006 *Trade Competitiveness Assessment in Kazakhstan, with Michael Freudenberg and Thierry Paulmier, ITC UNCTAD/WTO*
- 2006 *Assessing Bilateral Trade Potential at the Commodity Level, with Jean-Michel Pasteels, ITC UNCTAD/WTO Working Paper 2006-11.*
- 2006 *Options for Mongolia for the Formation of Bilateral Free Trade Agreements - US-FTAs: An Overview; GTZ, UNDP, USAID, and Mongolian Ministry for Industry and Trade.*
- 2006 *Options for Mongolia for the Formation of Bilateral Free Trade Agreements - Options in Merchandise Trade: An Overview; GTZ, UNDP, USAID, and Mongolian Ministry for Industry and Trade.*
- 2005 *TradeSim3: A Gravity Model for the Calculation of Trade Potentials for Developing Countries and Countries in Transition; with Jean-Michel Pasteels, ITC UNCTAD/WTO Working Paper 2005-05.*

INVITED CONFERENCES

- 2011 China's Technological Rise: Myths, Realities and Lessons for Global Debates on Innovation, Technology Transfer and IP, ICTSD & Shanghai Institute of Foreign Trade & CIPS, Shanghai
- 2011 UC Berkeley – Peking University Workshop on the Evolution of Chinese Patenting and its Implications for Research and Innovation, Beijing
- 2009 Comparative Analysis of Enterprise Data Conference, Tokyo

CONFERENCES/SEMINARS

- 2011 University of Würzburg
Intellectual Property, Innovation and Business Performance, Oxford IP Research Centre
Technology Transfer Society Meetings, Augsburg
6th Annual Conference of the EPIP Association, Brussels
38th Annual Conference EARIE, Stockholm
26th European Economic Association Meetings, Oslo
Ludwig-Maximilians-Universität (LMU) München
4th ZEW Conference on Economics of Innovation & Patenting, ZEW
Royal Economic Society Conference, Egham
SEEK Conference, ZEW
- 2010 ZEW 'The Economics of Green IT'
LSE Urban and Regional Economics Seminar
Oxford University
Kiel Institute (IfW)
5th Annual Conference of the EPIP Association, Maastricht
25th European Economic Association Meetings, Glasgow
Econometric Society World Congress, Shanghai
Zvi Griliches Research Summer School, Barcelona
Knowledge in Organizations (KIO), Monte Verità
Competition and Innovation Summer School 2010, Turunc
Royal Economic Society Conference, Guildford
COINVEST Conference, Lisbon
Ludwig-Maximilians-Universität (LMU) München
Universidad Carlos III
Goethe University Frankfurt
European Business School (EBS)
UC Berkeley
- 2009 DIW Berlin 'End of Year Summit'
Catholic University of Rio de Janeiro (PUC)

- Ludwig-Maximilians-Universität (LMU) München
- Comparative Analysis of Enterprise Data Conference, Tokyo
- 4th Annual Conference of the EPIP Association, Bologna
- European Investment Bank
- 24th European Economic Association Meetings, Barcelona
- Zvi Griliches Research Summer School, Barcelona
- Oxford Intellectual Property Seminar
- Gorman Workshop, Oxford University
- Young Lives International Conference, Oxford
- EUDN Workshop, Oxford
- CSAE Oxford University
- 2008 Kiel Institute
- ZEW Mannheim
- 3rd Annual Conference of the EPIP Association, Bern
- 2nd World Conference of the Spatial Econometrics Association, New York
- Latin American and Caribbean Economic Association Annual Meeting, Rio de Janeiro
- 4th Annual Conference on Economic Growth and Development at the Indian Statistical Institute, Delhi
- 2007 22nd European Economic Association Meetings, Budapest
- London Business School
- Kiel Institute
- National University of Mongolia

POLICY PRESENTATIONS

- 2011 WIPO Regional Forum for Best Practices on Publicly Funded IP Support for SMEs, Bratislava
- UK Intellectual Property Office, London
- Chilean Patent Office (INAPI), Santiago de Chile
- 2010 ITC UNCTAD/WTO, Geneva
- UK Department for Business, Innovation and Skills (BIS), London
- Joint WIPO-INPI Seminar on Intellectual Property, Industrial Strategy and Economic Development, Rio de Janeiro
- Joint WIPO-World Bank Experts Meeting on Intellectual Property and Economic Development, Geneva
- 2009 European Investment Bank (EIB), Luxembourg
- WIPO Meeting of Expert Group for Defining the Scope and the Methodology for National Surveys/Studies on Intellectual Property and SMEs, Geneva
- Joint WIPO-PPO-KIPO Eastern European Regional Forum, Warsaw
- 2008 UK Intellectual Property Office, Newport
- ITC UNCTAD/WTO, Geneva
- 2007 Ministry for Industry and Trade, Mongolia
- 2005 Ministry for Industry and Trade, Mongolia
- ITC UNCTAD/WTO, Geneva

TEACHING EXPERIENCE

- 2011 Universidad Carlos III de Madrid
 - Economics of Organization (4th year Economics undergraduate)
 - Technology Management: Knowledge, Technology, Innovation (PhD)
 - Strategic Management (PhD)
 - Summer School on Competition, Innovation and Intellectual Property
- 2008-2010 Non-Stipendiary Lecturer Harris Manchester College, University of Oxford
- Undergraduate lecturer: Development Economics; Microeconomics; Statistics
- 2008-2009 University of Aston Business School, Birmingham
- Undergraduate lecturer (3rd year): The Economics of Innovation

- 2006-2009 Oxford University Foreign Service Programme (OUFSP)
Graduate class teacher: Economics, Trade and International Finance
- 2007-2008 Department of Economics, University of Oxford
Undergraduate class teacher: Mathematics and Statistics 1st year - Economics and Management Programme
- 2006-2008 St. Catherine's College, University of Oxford
Undergraduate tutor: Growth Theory; International Macroeconomics; Macroeconomics; Applied Econometrics

PROFESSIONAL EXPERIENCE (CONSULTANT)

- 2011 *European Patent Office (EPO)*
Research on the European Patent Convention
- 2011 *World Intellectual Property Organization (WIPO)*
Research on Innovation and Intellectual Property in Brazil and Chile
- 2010-2011 *UK Intellectual Property Office (UKIPO)*
Research on on trade-mark cluttering
Research on choice between intellectual property and alternative appropriation mechanisms
- 2009-2010 *World Intellectual Property Organization (WIPO)*
Development of a methodology for national surveys/studies on IP and SMEs
- 2009 *Oxford University Consulting (ISIS Innovation)*
Research on University Technology Transfer Offices in the UK
- 2005-2010 *International Trade Center UNCTAD/WTO*
Market Analysis and Research Section and Export Strategy Section; research on trade potential and competitiveness. Geneva
- 2008 *UK Intellectual Property Office (UKIPO)*
Research on the link between intellectual property and start-up firm performance
- 2005-2007 *GTZ (German Technical Co-operation)*
Int. Trade Expert; assistance to the Mongolian Ministry of Industry and Trade. Ulaanbaatar and Beijing

PROFESSIONAL EXPERIENCE (INTERNSHIP)

- 2004 -2005 *International Trade Center UNCTAD/WTO*, Market Analysis Section; Geneva
- 2004 *European Parliament, DG External Policies*; Committee on Development; Brussels
- 2004 *United Nations Conference on Trade and Development (UNCTAD)*, DITE
Investment Policy Review Section; Geneva
- 2004 *German Permanent Mission to the United Nations*, Economic Department
- 2003-2004 *German Ministry of Economic Co-operation and Development (BMZ)*
South America Department; Bonn
- 2003 *French Embassy Copenhagen*, Economic Department *German Embassy Copenhagen*,
Internship on the occasion of the 40th anniversary of the Elysée Treaty.

REFEREE

Journal of Economic Geography; Journal of African Economies; Oxford Bulletin of Economics and Statistics; Oxford Economic Papers; Research Policy; International Journal of Transitions and Innovation Systems; Review of World Economics; Industrial and Corporate Change

FIELD RESEARCH EXPERIENCE

- 2006 Center for the Study of African Economies, University of Oxford; Assistance to Pedro Vicente in field-research on 'Vote-Buying and Corruption' in São Tomé e Príncipe

SHORT COURSES

- 2010 The Econometrics of Auctions, Robert Porter, CEMFI Madrid
- 2009 Spatial Econometrics Advanced Institute, Rome

2008 Nonparametric and Semiparametric Econometrics, Jeffrey Racine, Neuchatel
2008 Structural Industrial Organization, Victor Aguirregabiria, CEMFI Madrid
2007 Structural Industrial Organization, Ariel Pakes, HEC Lausanne

MILITARY SERVICE

1999-2000 Compulsory Military Service

LANGUAGES

German (native); Portuguese (fluent); English (fluent); French (fluent: DELF Diploma I and II); Spanish (fluent: Diploma Superior de Español); Italian (advanced: CELI 5 Diploma); Danish (intermediate); Russian (basic)

REFERENCES

Steve Bond	University of Oxford	steve.bond@economics.ox.ac.uk
Marcel Fafchamps	University of Oxford	marcel.fafchamps@economics.ox.ac.uk
Bronwyn Hall	University of California, Berkeley	bhhall@econ.berkeley.edu
Henry Overman	LSE	h.g.overman@lse.ac.uk