

# CURRICULUM VITAE

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## DIRK BETHMANN

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## PERSONAL DATA

Date of birth                2 September 1972  
Place of birth              Helmstedt, GERMANY  
Citizenship                German  
Languages                 German (mother tongue), English (fluent), French (basic)

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## EDUCATION

04/2000–10/2005        Ph.D. in Economics ('Dr. rer. pol.'), Institute for Economic Theory, Humboldt University of Berlin, GERMANY  
                                 Thesis title: *Essays in Quantitative Economic Theory*  
                                 Supervisor: Prof. Michael C. Burda, Ph.D.  
  
10/1997–09/1999        M.Sc. in Economics ('Diplom-Volkswirt') with honors, Humboldt University of Berlin, GERMANY  
  
10/2000–09/2004        B.Sc. in Mathematics ('Vordiplom'), FernUniversität in Hagen, GERMANY  
  
10/1995–09/1997        B.Sc. in Economics ('Vordiplom'), Humboldt University of Berlin, GERMANY  
  
08/1993–06/1995        Bank Management Assistant ('Bankkaufmann'), graduation with honors, Norddeutsche Landesbank Hanover, GERMANY (vocational training)

## PROFESSIONAL POSITIONS

03/2014–current        Associate Professor, Korea University, Seoul, KOREA  
  
03/2013–02/2014        Assistant Professor, Korea University, Seoul, KOREA  
  
02/2010–02/2013        Junior Professor of Macroeconomics (untenured professorship), Otto-von-Guericke University Magdeburg, GERMANY  
  
07/2008–01/2010        Lecturer, Queensland University of Technology, Brisbane, AUSTRALIA  
  
01/2006–06/2008        Researcher, Korea University, Seoul, KOREA  
  
10/2001–12/2005        Research and Teaching Assistant, Humboldt University of Berlin, GERMANY  
  
04/2000–12/2005        Research Associate, Collaborative Research Centres 373 'Quantification and Simulation of Economic Processes' and 649 'Economic Risk', Humboldt University of Berlin, GERMANY

## OTHER APPOINTMENTS AND AFFILIATIONS

02/2013–current      Member of the Section Population Economics (‘Bevölkerungsökonomischer Ausschuss’) of the Verein für Socialpolitik

## MEMBERSHIPS IN SCIENTIFIC ORGANISATIONS

American Economic Association, Econometric Society, European Economic Association, Royal Economic Society, Verein für Socialpolitik

## TEACHING EXPERIENCE

Lectures      **Otto-von-Guericke University**, Magdeburg, GERMANY  
*Population and Family Economics* (graduate-level)  
*Macroeconomic Analysis* (graduate-level)  
*Macroeconomics* (undergraduate-level)  
*Business Mathematics and Statistics* (Business School Magdeburg MBA)

**Queensland University of Technology**, Brisbane, AUSTRALIA  
*Intermediate Macroeconomics* (undergraduate)  
*Macroeconomics (honors)* (graduate-level)  
*International Finance* (graduate-level)

**Korea University**, Seoul, KOREA  
*Economics of Population* (graduate-level)  
*Advanced Macroeconomics* (graduate-level)  
*Principles of Macroeconomics* (undergraduate)  
*Intermediate Macroeconomics* (undergraduate)  
*Introduction to Macroeconomics* (Korea University Global MBA)

**International Summer School in Economics and Management** (University of Havana - Humboldt University of Berlin - German Institute for Economic Research in Berlin), Havana, CUBA  
*Macroeconomic Theory* (graduate-level)

Tutorials      **Otto-von-Guericke University**, Magdeburg, GERMANY  
*Population and Family Economics* (graduate-level)  
*Macroeconomic Analysis* (graduate-level)

**Queensland University of Technology**, Brisbane, AUSTRALIA  
*Finance I* (undergraduate)  
*Finance II* (undergraduate)

**Humboldt University of Berlin**, GERMANY  
*Business Cycle and Employment Theory* (graduate-level)

## OTHER WORK EXPERIENCE

07/1995–01/2000      Bank Assistant, Norddeutsche Landesbank Hanover (Private Customer Service, Loan Management, Bank Operations, Product Development and Marketing, Credit Notifications for the German banking supervision)

07/1992–06/1993      Compulsory Military Service

## REFEREING

Journals	Quarterly Journal of Economics, Economic Journal, Journal of Macroeconomics, Journal of Economics – Zeitschrift für Nationalwirtschaft, Empirical Economics, Metroeconomica
Institutions	Central Evaluation and Accreditation Agency (‘Zentrale Evaluations- und Akkreditierungsagentur – ZEVA’), Hanover, GERMANY

## PUBLICATIONS

### ARTICLES IN REFEREED JOURNALS

“Happily ever after? Intrahousehold bargaining and the distribution of utility within marriage” (with Robert Rudolf), accepted by *Review of Economics of the Household*

“Marriage Regimes”, *Korea Review of Applied Economics*, Vol. 17, No. 2, 2015, pp. 5–56

“War, Marriage Markets and the Sex Ratio at Birth” (with Michael Kvasnicka), *Scandinavian Journal of Economics*, Vol. 116, No. 3, 2014, pp. 859–877

“Solving Macroeconomic Models with Homogeneous Technology and Logarithmic Preferences”, *Australian Economic Papers*, Vol. 52, No. 1, 2013, pp. 1–18

“World War II, Missing Men, and Out-Of-Wedlock Childbearing” (with Michael Kvasnicka), *Economic Journal*, Vol. 123, No. 567, 2013, pp. 162–194

“Simplifying Numerical Analyses of Hamilton-Jacobi-Bellman Equations” (with Markus Reiß), *Journal of Economics – Zeitschrift für Nationalwirtschaft*, Vol. 107, No. 2, 2012, pp. 101–128

“The institution of marriage” (with Michael Kvasnicka), *Journal of Population Economics*, Vol. 24, No. 3, 2011, pp. 1005–1032

“The open-loop solution of the Uzawa-Lucas Model of Endogenous Growth with  $N$  agents”, *Journal of Macroeconomics*, Vol. 30, No. 1, 2008, pp. 396–414

“A Closed-Form Solution of the Uzawa-Lucas Model of Endogenous Growth”, *Journal of Economics – Zeitschrift für Nationalwirtschaft*, Vol. 90, No. 1, 2007, pp. 87–107

### BOOKS / MONOGRAPHS

*Essays on Quantitative Economic Theory*, Aachen: Shaker Verlag, 2006

### OTHER PUBLICATIONS

Book review of “Macroeconomic Theory – A Dynamic General Equilibrium

Approach” by M.R. Wickens, *Economic Analysis and Policy*, Vol.40, No. 1, 2010, pp. 131-132

## DISCUSSION PAPERS

“International Tax Evasion, State Purchases of Confidential Bank Data and Voluntary Disclosures”, *Institute of Economic Research, Korea University, Discussion Paper* 16-03, 2016

“An Improvement to Jensen’s Inequality and its Application to Mating Market Clearing when Paternity is Uncertain”, *Institute of Economic Research, Korea University, Discussion Paper* 15-06, 2015

“Happily ever after? Intrahousehold bargaining and the distribution of utility within marriage”, *Institute of Economic Research, Korea University, Discussion Paper* 15-03, 2015, with Robert Rudolf

“A Theory of Child Adoption”, with Michael Kvasnicka, *IZA Discussion Papers* 6689, 2012

“Marriage Regimes”, *FEMM Working Paper* 29, 2011

“War, Marriage Markets and the Sex Ratio at Birth”, *FEMM Working Paper* 23, 2011, with Michael Kvasnicka

“Why Are More Boys Born During War? - Evidence from Germany at Mid Century”, *Ruhr Economic Papers* 154, 2009, with Michael Kvasnicka

“World War II, Missing Men, and Out-Of-Wedlock Childbearing”, *Collaborative Research Center 649 Discussion Paper* 53, 2007, with Michael Kvasnicka

“Homogeneity, Saddle Path Stability, and Logarithmic Preferences in Economic Models”, *Institute of Economic Research, Korea University, Discussion Paper* 07-02, 2007

“Uncertain Paternity, Mating Market Failure, and the Institution of Marriage”, *Institute of Economic Research, Korea University, Discussion Paper* 07-01 and *Collaborative Research Center 649 Discussion Paper* 13, 2007, with Michael Kvasnicka

“Paternal Uncertainty and the Economics of Mating, Marriage, and Parental Investment in Children”, *Collaborative Research Center 649 Discussion Paper* 46, 2005, with Michael Kvasnicka

“Notes on an Endogenous Growth Model with two Capital Stocks II: The Stochastic Case”, *Collaborative Research Center 649 Discussion Paper* 33, 2005

“The Open-loop Solution of the Uzawa-Lucas Model of Endogenous Growth with N agents”, *Center for Applied Statistics and Economics (CASE) Berlin Discussion Paper* 42, 2004. [pdf-file available upon request]

“A Simple Method to Study the Transitional Dynamics in Endogenous Growth Models”, *Weierstraß Institute for Applied Analysis and Stochastics (WIAS) Berlin Preprint* 917, 2004, with Markus Reiß

“Transitional Dynamics in the Uzawa-Lucas Model of Endogenous Growth”, *Collaborative Research Center 373 Discussion Paper* 17, 2003, with Markus Reiß

“Notes on an Endogenous Growth Model with two Capital Stocks I: The Deterministic Case”, *Collaborative Research Center 373 Discussion Paper* 65, 2002

## RESEARCH IN THE MEDIA

Trautmann, Katlen: “Die väterliche Unsicherheit” (in German), *Sächsische Zeitung*, 16 January 2006

Grötter, Ralf: “Egoistische Gene treiben zur Ehe” (in German), *Die Welt*, 10 December 2005, reprinted in: *Berliner Morgenpost*, 11 December 2005

Daveri, Francesco: “Matrimoni di interessi” (in Italian), *Il Sole 24 ore*, 4 December 2005

## FIELDS OF INTEREST

Household and Population Economics, Endogenous Growth Theory, Business Cycle Theory

## AWARDS AND FELLOWSHIPS

Coopted member of the Section Population Economics of the Verein für Socialpolitik, 2013

Early Career Academic Development (ECARD) Program, Queensland University of Technology (Brisbane), 2009

Brain Korea 21 Program, Research Scholarship, Demography and Economics, Korea University (Seoul), 2007

Fritz Thyssen Stiftung, Research Scholarship, The Economic Implications of Paternal Uncertainty, Korea University (Seoul), 2006

Travel Grants of the Society for Economics and Management at the Humboldt University of Berlin

Travel Grant of the Verein für Socialpolitik, ESEM, Stockholm, 2003

EEA Summer School on Endogenous Fluctuations, Scholarship, 2002

Ph.D. Mini Course on Knowledge, Productivity, and Aggregate Economic Activity by Gary D. Hansen and Edward C. Prescott, Stockholm School of Economics, Scholarship, 2000

Member of the Norddeutsche Landesbank Kontaktkreis (Alumni of former Bank Management Assistants that graduated with honours), 1995–1999

Award by the Chamber of Commerce and Industry Braunschweig, 1995

## SELECTED CONFERENCE AND SEMINAR PRESENTATIONS

China Meeting of the Econometric Society, Chengdu, 06/2016, “International Tax Evasion, State Purchases of Confidential Bank Data and Voluntary Disclosures”

American Economic Association Annual Meeting, San Francisco, 01/2016, “Going Legal? Risks of Detection and Self-Reported International Tax Fraud”

World Congress of the Econometric Society, Montréal, 08/2015, “Happily Ever After? – Intrahousehold Bargaining and the Distribution of Utility within Marriage”

Annual Conference of the European Society for Population Economics (ESPE), Aarhus, 06/2013, “A Theory of Child Adoption”

Meeting of the Section Population Economics of the Verein für Socialpolitik, St. Gallen, 02/2013, “War, Marriage Markets, and the Sex Ratio at Birth”

International Meeting of the Association for Public Economic Theory (APET), Taipei, 06/2012, “A Theory of Child Adoption”

Asian Meeting of the Econometric Society (AMES), Seoul, 08/2011, “War, Marriage Markets, and the Sex Ratio at Birth”

Annual Congress of the European Economic Association (EEA Congress), Glasgow, 08/2010, “Why Are More Boys Born During War? – Evidence from Germany at Mid Century”

Econometric Society Australasian Meeting (ESAM), Canberra, 07/2009, “The Mystery of Polygamy”

Far Eastern and South Asian Meeting of the Econometric Society (FEMES and SAMES), Singapore, 07/2008, “World War II, Missing Men, and Out-Of-Wedlock Childbearing”

Econometric Society Australasian Meeting (ESAM), Brisbane, 07/2007, “World War II, Missing Men, and Out-Of-Wedlock Childbearing”

Far Eastern Meeting of the Econometric Society (FEMES), Beijing, 07/2006, “Paternal Uncertainty and the Economics of Mating, Marriage, and Parental Investment in Children”

Econometric Society Australasian Meeting (ESAM), Alice Springs, 07/2006, “Paternal Uncertainty and the Economics of Mating, Marriage, and Parental Investment in Children”

Annual Congress of the Verein für Socialpolitik, Dresden, 09/2004, “A Simple Method to Study the Transitional Dynamics in Endogenous Growth Models”

Dynamics, Economic Growth, International Trade (DEGIT IX), Reykjavik, 06/2004, “Transitional Dynamics in the Uzawa–Lucas Model of Endogenous Growth: A Differential Game Approach”

Annual Congress of the European Economic Association (EEA Congress) and the Econometric Society European Meeting (ESEM), Stockholm, 08/

2003, “Transitional Dynamics in the Uzawa–Lucas Model of Endogenous Growth”

EEA Summer School on Endogenous Fluctuations, Lisbon, 09/2002, “An Explicit Solution to the Stochastic Version of the Uzawa–Lucas Endogenous Growth Model”

Seoul, January 10, 2017