

# Curriculum Vitae

ANNA KLABUNDE

Current Positions: Research Scientist  
Research Group: International Migration  
Max Planck Institute for Demographic Research  
*and*  
Research Associate  
Chair for Macroeconomics  
Faculty of Economics  
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Date of CV: February 2014

## Education

Feb 2014 Doctorate in Economics (equivalent to a PhD) / Dr. rer. oec (*summa cum laude*), Ruhr-Universität Bochum, Germany. Advisors: Prof. Dr. Michael Roos, Prof. Dr. Pietro Terna  
2009 – 2010 PhD Student, International PhD Program in Institutions, Economics and Law, Collegio Carlo Alberto, Turin, Italy  
Feb 2008 Diploma (equivalent to an M.A.) in Economics, Philipps-University Marburg, Germany. Advisor: Prof. Dr. Evelyn Korn

## Grants and Scholarships

2013 Ruhr University Research School Plus Conference Organization Grant (5000€) for the essa@work Workshop  
2012 – 2013 Ruhr University Research School Plus travel grants (3x, (2800€)  
2010 – 2012 Member of the Ruhr University Research School (3000€ grant); German Excellence Initiative  
2009 – 2010 Turin University Graduate Student full Scholarship  
2004 – 2005 European Union Erasmus Scholarship, Universidad Autonoma de Madrid

## Employment - Academia

Feb 2014 – Research Scientist, Max Planck Institute for Demographic Research, Research Group International Migration, Rostock, Germany  
Jun 2010 – Research Associate, Ruhr-Universität Bochum, Chair of Macroeconomics, Department of Economics, Bochum, Germany  
2008 Graduate Assistant, Philipps-University Marburg, Department of Economics Examination Office, Marburg, Germany  
2007 – 2008 Teaching and Research Assistant, Philipps-University Marburg, Chair of Microeconomics, Department of Economics, Marburg, Germany

**Employment - Outside Academia**

- 2008 Tax Policy Analyst, Alberta Finance and Enterprise, Budget and Fiscal Planning Department, Edmonton, Canada (4 months)
- 2007 Intern, KfW Entwicklungsbank (German bank for financial development cooperation), Strategy Department and Latin America and Caribbean Department, Frankfurt, Germany (4 months)
- 2006 Intern, GIZ (former GTZ, German organisation for technical development cooperation), Modernization and Decentralization -PROMODE Program, Quito, Ecuador (3 months)

**Research interests**

Migration, Agent-based modelling, Statistical Regularities, Networks, Behavioural Macroeconomics

**Publications****Articles**

- 2014 1. *Computational Economic Modeling of Migration*, in: Shu-Heng Chen and Mak Kaboudan (editors): Oxford University Press Handbook on Computational Economics and Finance. Oxford University Press (forthcoming).
- 2013 2. (with Michael Roos) *Trust in a Network of Investors and Startup Entrepreneurs*, in: Artificial Economics and Self Organization, Springer International Publishing, 147–159.

**Working Papers**

- 2014 1. *Computational Economic Modeling of Migration*, Ruhr Economic Papers **471**, February 2014.
- 2013 2. *How Much Should an Investor Trust the Startup Entrepreneur? A Network Model*, Ruhr Economic Papers **450**, November 2013.
- 2010 3. (with Evelyn Korn) *Parasites and ravenmothers: A German-Japanese comparison on (lone) motherhood*, Ruhr Economic Papers **196**, July 2010.

**Unpublished articles**

- 2008 1. *Tax policies to enhance labor productivity - What is out there and what would work for Alberta?*
- 2. *Institutionelle Rahmenbedingungen für die Entscheidung einen Ein-Elternhaushalt zu gründen - Ein Ländervergleich (Institutional Framework for Founding a One-Parent Household - A Cross-Country Comparison)*, Diploma thesis, equivalent to a Master's thesis, Philipps-University Marburg.

**Work in Progress**

Behavioral theories in agent-based models of migration (with Frans Willekens)  
 An agent-based model of migration from Senegal to Southern Europe  
 How to describe agent-based models? (with Jürgen Groeneveld)  
 The relationship between relative deprivation differences and return migration (with Maren M. Michaelsen)  
 The effect of conflict intensity in the home country on return migration (with Maren M. Michaelsen)  
 Disentangling different return motives  
 Learning in an ACE market (with Matthias Lengnick)

**Invited presentations**

- 2014 Jan. Research Seminar Helmholtz Centre for Environmental Research – UFZ (Leipzig, Germany): Computational Economic Modeling of Migration
- 2013 Sep. Workshop “The decision to emigrate – Agent-based modeling of international migration”, Max Planck Institute for Demographic Research (Rostock, Germany): Computational Economic Modeling of Migration
- 2012 Mar. Research Seminar Universitat Jaume I (Castellón de la Plana, Spain): Modeling financial networks based on interpersonal trust
- 2010 Jun. Research Seminar Philipps University Marburg (Marburg, Germany): The role of networks in the migration cycle: An agent-based model

**Presentations with international audience**

- 2013 Aug. Artificial Economics Conference (Klagenfurt, Austria): Trust in a Network of Investors and Startup Entrepreneurs.
- 2013 Jun. 18th Annual Workshop on the Economic Science with Heterogeneous Interacting Agents (Reykjavik, Iceland): How much should an investor trust the startup entrepreneur? A network model.
- 2013 Apr. First Conference of the Herbert Simon Society (New York, NY): How much should an investor trust the startup entrepreneur? A network model.
- 2013 Mar. ESSA@work Doctoral workshop (University of Osnabrück, Germany): A model of business angel investing
- 2011 Jun. 17th International Conference on Computing in Economics and Finance (San Francisco, CA): What explains observed patterns of circular migration? An agent-based model
- 2011 Feb. Eastern Economic Association Annual Conference (New York, NY): What explains observed patterns of circular migration? An agent-based model
- 2009 Jun. XXIII annual conference of the European Society for Population Economics (Sevilla, Spain): Parasites and Raven Mothers: A German-Japanese Comparison on (lone) Motherhood
- 2008 Sep. Workshop Toyo University - Philipps-University Marburg on Economic Aspects of Social Policy (Marburg, Germany): Lone Mothers: Incentives and Economic Consequences

**Other presentations and summer school participation**

- 2014 Jan. The First Winter School on the Analytics and Policy Design of Migration, Georgetown University School of Foreign Service (Doha, Qatar)
- 2013 Jun. WEHIA-COST PhD School on “Agent-based modeling and policy design for financial crises” (Reykjavik, Iceland)
- 2012 Sep. A Summer Course on DSGE Modelling, Centre for International Macroeconomic Studies (University of Surrey, UK)
- 2011 Oct. Research Day of the Ruhr University Research School (Bochum, Germany): What explains observed patterns of circular migration? An agent-based model
- 2010 Sep. CEMFI (Centro de Estudios Monetarios y Financieros) Summer School on Behavioral Finance: Speculative Bubbles and Financial Crises; 300 € grant (Madrid, Spain)

**Organizing activities for conferences and meetings**

- 2014 Mar. Organizer: Workshop essa@work (International Workshop on Agent-based modeling in the social sciences)
- 2011 Jan. Organizer, with Birte Hoffmann: Interdisciplinary Workshop ‘Agent-based modeling in the social sciences’

**Professional committees**

- 2013 Scientific staff representative in the appointments committee for the professorship in Public Economics and Policy at Ruhr University Bochum
- 2013 Early Career Researchers Board, Ruhr University Research School Plus (funded by the German Excellence Initiative / DFG)

**Membership of professional organisations**

European Society of Population Economics, European Social Simulation Association,  
German Network for New Economic Dynamics

**Other qualifications**

“Professional Teaching Competence in Higher Education Basic Module” (Certificate, 76 hours workload)

**Teaching activities****Lecturer**

- 2013 Seminar with Wolfgang Luhan: Dynamic Stochastic General Equilibrium Models and their Drawbacks (Msc.)
- 2011–2013 Monetary Economics and Policy, Qualification program for university lecturers in Afghanistan (funded by the German Academic Exchange Service)
- 2012 Seminar: Topics in Advanced Macroeconomics (MSc.)
- 2012 Introductory Macroeconomics (one week teaching exchange with Universitat Jaume I, Castellón de la Plana, Spain)

**Teaching assistant**

- 2013–2014 International Economics (Undergraduate)
- 2012–2013 Seminar: Macroeconomic and Financial Governance (Msc.)
- 2011–2012 Macroeconomic Project Seminar: Agent-based modeling in macroeconomics (MSc.)
- 2011 Current research topics in macroeconomics (Undergraduate)
- 2010–2011 Case studies in international economics (Undergraduate and MSc.)
- 2007–2008 Microeconomics II (Undergraduate)

**Mentoring activities**

## Undergraduate students advised

2013	What effect did austerity policies have in the European economic crisis?
2012	What is the relationship between currency crises and confidence?
2012	What was the effect of the Euro crisis on the British pound?
2011	Does Macroeconomics still need the representative agent?
2011	What can we learn about reputation from an agent-based model?
2011	What is the effect of consumer confidence on economic behaviour?
2011	What is the effect of inflation experience on current behavior and preferences?
2011	How do firms assess market risk and how does this affect the macroeconomy?

## Master students co-advised

2012–2013	Model of shock contagion in a banking network
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**Computing**

Simulation Software: NetLogo  
Programming Languages: Python, TeX  
Statistics Software: STATA, EViews  
Algebra Software: Matlab, Maxima, Dynare  
Operating Systems: Windows, Linux

**Languages**

German: native  
English: fluent  
Spanish: advanced  
Italian: advanced  
French: upper intermediate  
Latin