

Faculty of Management, Economics  
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## EMPLOYMENT

Since 2012 Assistant Professor (Juniorprofessor) for Applied Microeconomics  
Faculty of Management, Economics and Social Sciences  
University of Cologne, Germany

2011 - 2012 Senior Associate, KPMG AG Wirtschaftsprüfungsgesellschaft  
Frankfurt am Main, Germany

## EDUCATION

2011 Ph.D., Economics, The Pennsylvania State University  
Thesis: R&D, Innovation and Productivity

2007 M.A., Economics (Diplom), Free University Berlin

## RESEARCH INTERESTS

Empirical Industrial Organization  
Innovation Economics

## PUBLICATIONS

"Estimating Dynamic R&D Choice: An Analysis of Costs and Long-Run Benefits", (with B. Peters, M. Roberts, and H. Fryges), **Rand Journal of Economics**, forthcoming.

"Dynamic R&D Choice and the Impact of the Firm's Financial Strength", (with B. Peters and M. Roberts), **Economics of Innovation and New Technology**, forthcoming.  
Media coverage: VoxEU.org (May 2016)

"Empirical Modeling of R&D Demand in a Dynamic Framework", **Applied Economics Perspective and Policy**, Vol. 35(2), pp.185-205, 2013 (with M. Roberts)

## WORKING PAPERS

"Firm R&D Investment and Export Market Exposure"  
(with B. Peters and M.Roberts)

## WORK IN PROGRESS

Measuring Long-Run Benefits of Firm's Innovations and Human  
Capital Investments", (with B. Peters and M. Roberts)

"R&D Dynamics and Its Impact on Productivity and Export Demand  
in Swedish Manufacturing", (with F. Maican, M. Orth, and M. Roberts)

"A Dynamic Model of Firm R&D Expenditure", (with B. Peters and M.Roberts)

"Entry and Exit in German Pharmacy Market",  
(with O. Arentz, C. Recker, and A. Wambach)

## GRANTS AND SCHOLARSHIPS

2013 - 2014	Strengthening Efficiency and Competitiveness in the European Knowledge Economies (SEEK), Research Grant
2013	University of Cologne, Female Scientist Support Program Grant
2007 - 2011	The Pennsylvania State University, Full Scholarship
2010	The Pennsylvania State University, RGSO Dissertation Grant

## CONFERENCE AND SEMINAR PRESENTATIONS

2016	Berlin IO Day, Vfs Jahrestagung Augsburg (scheduled)
2015	UNU - MERIT Maastricht, "CDM - 15 years after" workshop Maastricht, University of Cologne, University of Exeter Business School, ZEW/MaCCI Conference on the Economics of Innovation and Patenting Mannheim, EEA Mannheim, EARIE Munich, Vfs Jahrestagung Münster, University Kassel
2014	IIOC Chicago, Heinrich Heine University - DICE , University of Cologne, "CDM - 15 years after" workshop Paris
2013	"CDM - 15 years after" workshop London, IIOC Boston, EEA Gothenburg, EARIE Evora, Verein für Socialpolitik Jahrestagung Düsseldorf, Brownbag Seminar University of Cologne, Institute of Energy Economics at the University of Cologne (EWI) and E.ON ERC Energy Economics Workshop

2012 Aarhus University, University of Cologne, University of Münster,  
Center for Economic Research (ZEW) Mannheim

## RESEARCH VISITS

2015 Royal Institute of Technology (KTH), Stockholm  
Centre for European Economic Research (ZEW), Mannheim

2014 Centre for European Economic Research (ZEW), Mannheim  
The Pennsylvania State University, Department of Economics

2013 Centre for European Economic Research (ZEW), Mannheim  
Gothenburg University

2012 The Pennsylvania State University, Department of Economics

2011 Center for Economic Studies, US-Census Bureau Washington D.C.,  
Centre for European Economic Research (ZEW), Mannheim

2010 Centre for European Economic Research (ZEW), Mannheim

## TEACHING

2016 Current Research in Industrial Economics (Cologne, PhD and  
Master's Level, Co-instructor)  
Dynamic Models in Empirical IO (Cologne, PhD and Master's Level, Instructor)  
Summer School "Applied Microeconomics" (Cologne, PhD Level, Co-instructor)

2015 Recent Research in Industrial Economics (Cologne, PhD and  
Master's Level, Co-instructor)  
Energy Markets and Regulation (Cologne, PhD and Master's Level, Instructor)

2014 Energy Economics I (Cologne, PhD and Master's Level, Instructor)  
Topics in Empirical Industrial Organization (Cologne, PhD and  
Master's Level, Instructor)

2013 Energy Economics I (Cologne, PhD and Master's Level, Instructor)  
Topics in Empirical Industrial Organization (Cologne, PhD and  
Master's Level, Instructor)

2009 Intermediate Microeconomics (Penn State, Instructor, Recitation Leader)

2008 Introductory Microeconomics (Penn State, Teaching Assistant)  
Current Economic Issues (Penn State, Teaching Assistant)

2007 Economics of Public Expenditures (Penn State, Teaching Assistant)

### **PhD Supervision and Committee**

- 2016                    Simeon Hagspiel, University of Cologne  
                          Jan Lucas, University of Cologne  
                          Simon Paulus, University of Cologne, primary advisor, in progress  
                          Christian Tode, University of Cologne
- 2015                    Pardis Nabavi Larijani, KTH Stockholm  
                          Benjamin Tischler, University of Cologne, primary advisor

### **OTHER PROFESSIONAL ACTIVITIES**

- 2013, 2015            Organisation and scientific committee for Cologne International  
                          Energy Summer (CIES) in Energy and Environmental Economics
- 2009 - 2011           Research Assistant, Prof. Jonathan Eaton, Prof. James Tybout  
                          The Pennsylvania State University, USA
- 2006 - 2007           Student Assistant, Social Science Research Center Berlin (WZB), Germany