

# Curriculum Vitae

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## Prof. Dr. Jan Marcus

Research Associate      Assistant Professor  
DIW Berlin      University of Hamburg  
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German, married, born 1983

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## Employment

- Oct 2015 **Assistant Professor for Econometrics**
  - today University of Hamburg
- Oct 2015 **Research Associate**
  - today DIW Berlin, Department Education and Family, part-time
- Apr 2013 **Research Associate**
  - Sep 2015 DIW Berlin, Department Education and Family, full-time
- Dec 2010 **Research Assistant**
  - Mar 2013 DIW Berlin, Department SOEP (Socio-Economic Panel Study), part-time

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## Education

- Sep 2009 **PhD in Economics**, TU Berlin
  - Jul 2013 Thesis “Four Essays on Causal Inference in Health Economics” (summa cum laude)
- 2007 - 2009 **Master of Arts**, International Economics, University of Konstanz  
Grade: very good (1.4)
- 2004 - 2007 **Bachelor of Arts**, Political and Administrative Science, University of Konstanz  
Grade: excellent (1.3). Rank: 1<sup>st</sup> (out of 60)

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## Awards & scholarships

- 2018 German Economics Prize (Deutscher Wirtschaftspreis)  
Joachim Herz Stiftung, category: junior researcher, 25 000 Euro
- 2016 Award for the best *DIW-Wochenbericht* in 2015
- 2015 Dissertation prize  
German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes), 2<sup>nd</sup> prize
- 2010 - 2013 PhD scholarship  
German Academic Scholarship Foundation
- 2012 Best Paper Prize for Young Economists  
Warsaw International Economic Meeting
- 2010 ALLBUS Young Scholar Award  
Best young scholar paper using ALLBUS data, GESIS Leibniz Institute for the Social Sciences
- 2009 - 2010 PhD scholarship  
Graduate Center of DIW Berlin

- 2005 - 2009 Study scholarship  
Friedrich Ebert Foundation
- 2008 Award for best graduation in Political and Administrative Science  
University of Konstanz, Alumni Association (VEUK)

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## Publications

### Key publications

- 2019 The effect of increasing education efficiency on university enrollment: Evidence from administrative data and an unusual schooling reform in Germany. *Journal of Human Resources*, 54(2), 468-502 (with Vaishali Zambre).
- 2015 Reducing binge drinking? The effect of a ban on late-night off-premise alcohol sales on alcohol-related hospital stays in Germany. *Journal of Public Economics*, 123, 55-77 (with Thomas Siedler).
- 2013 The effect of unemployment on the mental health of spouses: Evidence from plant closures in Germany. *Journal of Health Economics*, 32(3), 546-558.

### Further peer-reviewed publications

- 201x School entry, afternoon care, and mothers' labour supply. *Empirical Economics*, forthcoming. doi: 10.1007/s00181-018-1462-3 (with Ludovica Gambaro and Frauke Peter).
- 2019 Day care quality and changes in the home learning environment of children. *Education Economics*, 27(3), 265-286 (with Susanne Kuger and C. Katharina Spieß).
- 2017 Increased instruction hours and the widening gap in student performance. *Labour Economics*, 47, 15-34 (with Mathias Huebener and Susanne Kuger).
- 2017 Compressing instruction time into fewer years of schooling and the impact on student performance. *Economics of Education Review*, 58 (July), 1-14 (with Mathias Huebener).
- 2016 Veränderungen in der gruppenspezifischen Nutzung von ganztägigen Schulangeboten [Changes in group-specific participation in all-day schooling]. *Zeitschrift für Erziehungswissenschaften*, 19(2), 415-442 (with Janina Nemitz and C. Katharina Spieß).
- 2015 Wealth distribution within couples. *Review of Economics of the Household*, 13(3), 459-486 (with Eva Sierminska and Markus Grabka).
- 2014 Does job loss make you smoke and gain weight? *Economica*, 81(324), 626-648.
- 2013 Spillover effects of maternal education on child's health and health behavior. *Review of Economics of the Household*, 11(1), 29-52 (with Daniel Kemptner).
- 2009 Der Einfluss von Erhebungsformen auf den Postmaterialismus-Index [The effect of survey methods on the Postmaterialism Index]. *Methoden - Daten - Analysen*, 3(2), 137-166.

### Working Paper

- 2019 The effect of unemployment on the smoking behavior of couples. *SOEPpapers on Multidisciplinary Panel Data Research* 1037 (with Jakob Everding).

- 2019 Increased instruction time and stress-related health problems among school children. *DIW Discussion Paper* 1802 (with Simon Reif, Amelie Wuppermann und Amélie Rouche).

#### Policy reports & data documentations

- 2019 Menschen mit niedriger gebildeter Mutter haben geringere Lebenserwartung [Individuals with less educated mothers have shorter live-expectancy]. *DIW-Wochenbericht*, 2019 (12), 197-204 (with Mathias Huebener).
- 2019 Rückkehr zum G9 am Gymnasium? [Return to G9 at academic-track schools?] *WiSt - Wirtschaftswissenschaftliches Studium (WIST)*, 48(1), 40-41
- 2018 G8-Schulreform verbessert PISA-Testergebnisse - insbesondere leistungsstarke SchülerInnen profitieren [G8 schooling reform improves PISA test results: In particular high-performing students benefit]. *DIW-Wochenbericht*, 2018 (13), 265-275 (with Mathias Huebener and Susanne Kuger).
- 2017 Folge der G8-Schulreform: Weniger Abiturientinnen und Abiturienten nehmen ein Studium auf [Consequence of the G8 schooling reform: Fewer high school graduates start to study]. *DIW-Wochenbericht*, 2017 (21), 418-426 (with Vaishali Zambre).
- 2016 Ganztagschule und Hort erhöhen die Erwerbsbeteiligung von Müttern mit Grundschulkindern [All-day schools and after-school programs increase the workforce participation of schoolchildren's mothers]. *DIW-Wochenbericht*, 2016 (47), 1123-1131 (with Ludovica Gambaro and Frauke Peter).
- 2016 Children and adolescents with refugee background less likely to participate in voluntary educational programs - with exception of extracurricular school activities. *DIW Economic Bulletin*, 2016 (34/35), 422-430 (with C. Katharina Spieß and Franz Westermaier).
- 2015 G8 high school reform results in higher grade repetition rates and lower graduate age, but does not affect graduation rates. *DIW Economic Bulletin*, 2015 (18), 247-255 (with Mathias Huebener).
- 2015 Empirische Befunde zu Auswirkungen der G8-Schulzeitverkürzung [Empirical results on the G8 reform to shorten secondary schooling]. *DIW-Roundup* 57 (with Mathias Huebener).
- 2015 Maternal labour supply and all-day primary schools in Germany. *DIW-Roundup* 67 (with Frauke Peter).
- 2014 Arbeitslosigkeit trifft auch den Partner [Unemployment also affects partners]. *DIW-Wochenbericht*, 2014 (22), 494-499.
- 2013 Ausbau der Ganztagschule: Kinder aus einkommensschwachen Haushalten im Westen nutzen Angebote verstärkt [Expansion of all-day schooling: Increasing participation among children from low-income households in Western Germany]. *DIW-Wochenbericht*, 2013 (27), 11-23 (with Janina Nemitz and C. Katharina Spieß).
- 2013 Bildung der Mütter kommt der Gesundheit ihrer Kinder zugute [Maternal education benefits child's health]. *DIW-Wochenbericht*, 2013 (5), 3-12 (with Daniel Kemptner).
- 2013 Preparation of data from the new SOEP consumption module: Editing, imputation, and smoothing. *DIW Data Documentation* 70 (with M. Grabka and R. Siegers).

- 2010 Editing und multiple Imputation der Vermögensinformation 2002 und 2007 im SOEP [Editing and multiple imputation of the 2002 and 2007 wealth modules of the GSOEP]. *DIW Data Documentation* 51 (with J. Frick and M. Grabka).
- 2007 Editing and multiple imputation of item-non-response in the 2002 wealth module of the German Socio-Economic Panel. *SOEPpapers on Multidisciplinary Panel Data Research* 18 (with J. Frick and M. Grabka).

## Professional experiences

### Longer academic stays abroad

- Sep 15 - Oct 15 Visiting scholar, University of Chicago, Center for the Economics of Human Development (Prof. James J. Heckman)
- Feb 10 - Mar 10 Internship, Urban Institute, Health Policy Center, Washington, D.C.
- Jan 10 - Feb 10 Visiting student, Georgetown University, Washington, D.C.
- Sep 06 - Feb 07 Exchange student, Marmara University Istanbul

### Service to the academic community

- University of Hamburg Member of the Quality Circle for the Further Development of the Master's Programme (since 2018), Member of the Bachelor Examination Board (*Prüfungsausschuss*) (since 2018), Member of the selection committee for the incoming Master students (since 2017), Coordinator "Introduction to Research and Writing in Economics" (since 2017), Co-organizer research seminar "Labour Economics" (since 2016), Co-organizer Economics PhD seminar (2016 - 2017)
- DIW Berlin Ombudsperson (2014 - 2017), Organizer SOEP Brown Bag (2011 - 2012)
- University of Konstanz Student representative in appointment commissions and examination boards

### Memberships and conference organization

- 2019 - today Committee for the Economics of Education, German Economic Association (Bildungsökonomischer Ausschuss)  
Member
- 2019 2<sup>nd</sup> HCHE Risky Health Behaviors Workshop, Hamburg  
Co-organizer
- 2017 - today German Association for Empirical Education Research (GEBF)  
Member of the Committee "Research Data"
- 2016 - today German network for data in education research (*Verbund Forschungsdaten Bildung*)  
Member of the Advisory Board
- 2015 - today Hamburg Center for Health Economics (HCHE)  
Core member
- 2013 - today College for Interdisciplinary Educational Research (CIDER)  
Fellow
- 2017 1<sup>st</sup> HCHE Risky Health Behaviors Workshop, Hamburg  
Co-organizer
- 2017 Annual meeting of the Leibniz Education Research Network (LERN)  
Co-organizer

- 2012 - 2015 Berlin Network of Labor Market Researchers (BeNA)  
Member of the executive board
- 2015 BeNA Lecture Series 2015  
Organizer

### Refereeing (\*=multiple times)

- Journals American Journal of Health Economics • Contemporary Economic Policy • Demography • Economics of Education Review\* • Economics of Human Biology\* • Education Economics\* • Empirical Economics • European Journal of Health Economics • European Journal of Population • German Economic Review\* • Gesundheitswesen • Health Economics • Journal of Economic Psychology • Journal of Economics and Statistics • Journal of Health Economics • Journal of Marriage and Family\* • Journal of Official Statistics • Journal of Pension Economics and Finance • Journal of Population Economics • Journal of Public Economics • Journal of the European Economic Association\* • Labour Economics\* • Large-Scale Assessments in Education • Review of Economics of the Household • Scandinavian Journal of Economics • Social Science and Medicine\* • Southern Economic Journal • The B.E. Journal of Economic Analysis and Policy • Advances in Life Course Research
- Organizations German Research Foundation (DFG) • Research Commission of the Federal State of Lower-Saxony • Research Foundation Flanders • Springer Science
- Conferences Annual meeting of the German Economic Association (2019) • German Association for Health Economics (2018) • German Association for Empirical Education Research (2016) • Annual meeting of the German Economic Association (2014) • RWI Research Network Conference on the Economics of Education (2014)

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## Third-party funding

### Projects

- 2019 - 2021 “Youth alcohol consumption, traffic accidents, and mortality”  
German Research Foundation (DFG), with Thomas Siedler (150,000 €)
- 2015 - 2018 Project “Non-monetary returns to education”  
Federal Ministry of Education and Research  
Principal investigators: C. Katharina Spieß, Jürgen Schupp (Total amount: ~ 850,000 €)  
Responsible for section “Education and life-expectancy”

### Workshops

- 2019 “2<sup>nd</sup> HCHE Risky Health Behaviors Workshop”  
German Research Foundation (DFG) (~ 12,000 €)
- 2017 “Consequences of the G8 reform: An interdisciplinary perspective”  
Funding from College for Interdisciplinary Education Research (~ 7,000 €)

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## Teaching

### At University of Hamburg

- SS 2019 “Econometrics II” (Bachelor)  
“Applied Panel Data Analysis using the SOEP” (with H. Lohmann; PhD)
- WS 2018/19 “Econometrics I” (Bachelor)  
“Empirical Labour Economics and the SOEP” (English, Master)  
“Empirical Research Methods in Labour Economics” (with M. Beblo; PhD)
- SS 2018 “Empirical Labour and Population Economics” (with M. Beblo; English, PhD)
- WS 2017/18 “Advanced Econometrics” (English, Master)  
“Applied Labour Economics” (with T. Siedler; English, PhD)  
“Introduction to Research and Writing in Economics” (German)
- WS 2016/17 “Advanced Econometrics” (English, Master)  
“Labour and Population Economics” (with M. Beblo; English, PhD)
- SS 2016 “Empirical Labour Economics and the SOEP” (English, Master)
- WS 2015/16 “Advanced Econometrics” (English, Master)
- WS 2014/15 “Empirical Causal Analysis” (Bachelor)
- SS 2014 “Empirical Economics of Education” (Bachelor)
- SS 2014 “Advanced Health Economics” (with M. Kifmann & T. Siedler)
- WS 2013/14 “Introduction to Research and Writing in Economics”(Bachelor)

### At summer schools and other institutions

- 2018 “Causal Analysis: An empirical perspective with applications in Stata”, Deutsche Bundesbank
- 2016 “Causal Analyses in Empirical Education Research”, CIDER summer school
- 2012 “Longitudinal Data Analyses with the Socio-Economic Panel Study (SOEP)”, University of Mannheim
- 2011 Teaching assistant SOEP@Campus, University of Bielefeld
- 2005 - 2009 Various tutorials in “Statistics” (five tutorials), “Empirical Research Methods” (two tutorials), “Research Design” (two tutorials, English, Master’s level), University of Konstanz

### Supervision of PhD students

- First supervisor Sönke Matthewes (since 2016), Josefine Koebe (since 2017)
- Second supervisor Annemarie Paul (2017 completed), Mathias Schumann (2017 completed), Georg Camehl (2018 completed), Christian Kümpel (2019 completed), Katharina Beenk (since 2017), Dan Torge Dammann (since 2017), Raffael Kamalow (since 2017), Shushanik Margaryan (since 2017), Stephan Sievert (since 2018)
- Third supervisor Kathrin Thiemann (2017 completed)

### Supervision of Bachelor and Master students

- Bachelor First supervisor: 8 theses; second examiner: > 15 theses
- Master First supervisor: 8 theses; second examiner: > 10 theses

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## Selected presentations

### Invited talks

- 2019 University of Marburg; University of Duisburg-Essen; ZEW Mannheim; University of Mainz (scheduled)
- 2018 University of Padova/Italy
- 2017 University of Trier
- 2016 University of Hanover; University of Heidelberg; University of Kiel; University of Nuremberg; University of Potsdam; IAB Nuremberg
- 2015 University of Bergen/Norway; LMU Munich; German Network of Young Micro-econometricians, Mannheim
- 2014 HU Berlin
- 2013 CINCH-Seminar, Essen
- 2012 Hamburg Center for Health Economics

### Invited policy and public science talks

- 2017 Federal Ministry for Family Affairs (Investments in infrastructure for families)
- 2016 Long night of science (G8 reform), Heinrich-Böll-Foundation (Data in education research), Konrad-Adenauer-Foundation (G8 reform)

### Conferences, workshops & seminars (\*=presented by co-author)

- 2019 German Association for Empirical Education Research (GEBF), Cologne; Committee for the Economics of Education of the German Economic Association, Goettingen; Leibniz Education Research Network (LERN), Nuremberg
- 2018 German Association for Health Economics (dggö), Hamburg; International Workshop on Applied Economics of Education (IWAAEE), Catanzaro/Italy; International German Socio-Economic Panel User Conference, Berlin; German Economic Association, Freiburg; Counterfactual Methods for Policy Impact Evaluation (COMPIE), Berlin; Workshop “Higher Education and the Labour Market”, Nuremberg
- 2017 American Economic Association 2015 (AEA)\*, Chicago/USA; Workshop on Microeconomics, Lueneburg; Workshop “Consequences of the G8 reform: An interdisciplinary perspective”, Berlin
- 2016 European Economic Association (EEA), Geneva/Switzerland; European Health Economics Association (EuHEA), Hamburg; European Society for Population Economics (ESPE)\*, Berlin; Counterfactual Methods for Policy Impact Evaluation (COMPIE), Milan/Italy; Leibniz Education Research Network (LERN), Bamberg; German Association for Empirical Education Research (GEBF), Berlin; German Association for Health Economics (dggö), Berlin
- 2015 American Economic Association 2015 (AEA)\*, Boston/USA; Leibniz Education Research Network (LERN), Frankfurt; DIW Seminar, Berlin
- 2014 European Society for Population Economics (ESPE), Braga/Portugal; Educational Governance and Finance Workshop, Oslo/Norway; European Economic Association (EEA)\*, Toulouse/France; European Association of Labor Economists (EALE)\*, Ljubljana/Slowenia; International Association for Applied Econometrics (IAAE)\*, London/UK; German Association for Empirical Education Research (GEBF)\*, Frankfurt; RWI Conference on the Economics of Education\*, Berlin

- 2013 European Association of Labor Economists (EALE), Torino/Italy; European Society for Population Economics (ESPE)\*, Aarhus/Denmark; Society for the Study of Economic Inequality (ECINEQ)\*, Bari/Italy; European Sociological Association Conference (ESA)\*, Torino/Italy; German Economic Association, Düsseldorf; Conference of the Study-Group for Empirical Education Research (AEPF), Dortmund; German Association for Health Economics, Essen
- 2012 European Association of Labor Economists (EALE), Bonn; 21st European Workshop on Econometrics and Health Economics, Lund/Sweden; Warsaw International Economic Meeting, Warsaw/Poland; IZA Summer School, Buch; Research in Income and Wealth (IARIW)\*, Boston/USA; PhD Workshop of the Institute for Employment Research, Nuremberg; German Economic Association, Göttingen; International German Socio-Economic Panel User Conference, Berlin; SOEP Brown Bag, Berlin; Berlin Leibniz Seminar on Labor Research, Berlin; German Association for Health Economics, Konstanz
- 2011 International Workshop on Applied Economics of Education, Catanzaro/Italy; Warsaw International Economic Meeting, Warsaw/Poland; Spring Meeting of Young Economists, Groningen/Netherlands; European Economic Association (EEA)\*, Oslo/Norway; German Economic Association, Frankfurt; Young Scholar German SOEP Symposium, Delmenhorst; SOEP Brown Bag, Berlin; Conference of the German Data Forum, Wiesbaden

June 4, 2019