

# FABIAN STEPHANY

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## EDUCATION

**Vienna University of Economics and Business**, PhD with Honors, Apr. 2014 – Dec. 2016, AUSTRIA  
Thesis title: Social Capital in the Twenty-First Century - Trust, Norms, and Networks Remeasured

**University of Cambridge**, MPhil, Quantitative Sociology, Oct. 2015 – Jun. 2016, UNITED KINGDOM

**Università Commerciale Luigi Bocconi**, MSc, Economics & Social Sciences, Sep. 2011 – Sep. 2013, Milan, ITALY

**Mannheim University**, BSc, Economics, Nov. 2007 – Jun. 2010, GERMANY

## EXPERIENCE

**Data Scientist** Dec. 2018 – Present  
**Oxford Internet Institute - Oxford University** ([link](#)), Oxford, UK  
ERC-funded data analysis on the global knowledge economy of online programming platforms.

**Project Manager** May 2017 – Sep. 2018  
**Agenda Austria - Thinktank** ([link](#)), Vienna, AUSTRIA  
Research projects on digitalization of the Austrian economy, analyses of Austrian economic policies

**Data Scientist** Nov. 2016 – May 2017  
**Point of Origin - Business Transformation** ([link](#)), Vienna, AUSTRIA  
Web-crawler development, demography-backed sentiment analysis, predictive modeling, visualization

**Data Research Associate** Oct. 2013 – Present  
**Wittgenstein Centre** ([link](#)), Vienna, AUSTRIA  
Vienna jubilee fond project on big data and population movement patterns  
Elise-Richter-funded project on reproductive decision-making and education  
ERC-funded research project on demography-based marketing forecasting

**OECD Economics Department** ([link](#)), Paris, FRANCE Nov. 2010 – Apr. 2011  
Data analyses for country reports, banking regulation, and international capital flows.

### Consultancies

**United Nations Development Program, UNDP** Country Office Albania Oct. 2017 – Mar. 2018  
Estimating the number of jobs in sustainable tourism in Albania using big social data.

**UNDP** Istanbul Regional Hub Aug. 2018 – Nov. 2018  
Analyses of the digital knowledge economy in Eastern Europe and Central Asia.

### Internships

**Deutsche Bank - Global Markets Research**, Frankfurt am Main, GERMANY, Apr. – Jul. 2011

**Hauck and Aufhäuser Finance GmbH**, Munich, GERMANY, Aug. – Nov. 2010

**German Consulate General**, Boston, MA, USA, Jan. – Feb. 2010

**German Federal Ministry of Finance**, Berlin, GERMANY, Dec. 2008 – Feb. 2009

**Mercedes-Benz USA - Controlling**, Montvale, NJ, USA, May – Jul. 2007

### Affiliations and Fellowships

**Alexander von Humboldt Institute for Internet and Society**, Berlin, GERMANY

**Wittgenstein Centre for Demography and Global Human Capital**, Vienna, AUSTRIA

## LANGUAGE AND IT SKILLS

German (mother tongue), English (fluent), Italian (fluent), French (intermediate);

Agent-Based-Models, Big Social Data, Classification, Multilevel Modeling, Non-Linear Modeling, Sentiment Analysis, (Un-)supervised Learning, Web-Crawling;

Excel, Latex, Python, R, Stata, Net-Logo.

## HONORS, AWARDS AND GRANTS

Vienna University of Economics and Business: mobility scholarship (merit, 2015)  
Italian Association for the History of Political Economy (STOREP): Young Scholar Award 2015  
Friedrich-Naumann-Foundation: PhD scholarship (since 2014) scholarship (2008–13, merit)  
German Academic Exchange Service: Graduate scholarship (2012–2013), scholarship (2010, merit)  
Leonardo da Vinci, EU Graduate programme: scholarship, 2010–2011

## CONFERENCES, SEMINARS AND REVIEWS

Complexity Science Hub Vienna, Winter School, 4–8 Mar. 2019  
Social Informatics conference, Oxford, together with F. Braesemann, 13–15 Sep. 2017  
SIS FIRENZE conference on statistics and data science, together with F. Braesemann, 28–30 Jun. 2017  
Oxford Internet Institute, Intern Brown Bag Seminar, together with F. Braesemann, 14 Jun. 2017  
Various others, Brno, Budapest, Cambridge, Mainz, Vienna, since 2014  
Reviewer for *Genus: Journal of Population Sciences* (2018), *Social Indicators Research* (2018), *Social Science Research* (2017), *Vienna Yearbook of Population Research* (2014).

## RECENT PUBLICATIONS AND WORKING PAPERS

Stephany, F., F. Braesemann, and M. Graham (2019). Coding Alone: Trust and the Economic Geography of Digital Knowledge Creation, *Working Paper*

Stephany, F. (2018). It Deepens Like a Coastal Shelf: Educational Mobility and Social Capital in Germany. *Social Indicators Research*, 1-31.

Christl, M., Köppl-Turyna, M. and Stephany, F. (2018). Geld ohne Arbeit? Ausgewählte wirtschaftspolitische Aspekte der Einführung eines flächendeckenden Grundeinkommens. *Wirtschaftspolitische Blätter*, (1-2018), 23-33.

F. Stephany, Abel G., and R. Muttarak, (2018), Learning About Internal Migration from Half a Billion Records – Applying Localized Classification Trees to Large-Scale Census Data, *submitted to Social Stratification and Mobility*.

Braesemann F. and F. Stephany (2018), Between Bonds and Bridges - Evidence from a Survey on Trust in Groups, *under review at Journal of Trust Research*.

F. Stephany (2018), It is Not Only Size That Matters - How Unique is the Estonian E-Governance Success Story?, *under review at International Journal of Electronic Governance*.

Lorenz H. and Stephany F. (2018), Back to the Future - Changing Job Profiles in the Digital Age, *submitted to Technological Forecasting and Social Change*.

Stephany F. and F. Braesemann (2017), Exploring Wikipedia Data as Measure of Knowledge Distribution, *Computer Science, Proceedings of the SocInfo 2017 Conference*.

Testa M.R. and F. Stephany (2017), The educational gradient of fertility intentions: a meta-analysis of European studies, *Vienna Yearbook for Population Research 2017*, Vienna.

Stephany, F. (2016), Who are Your Joneses? Socio-Specific Income Inequality and Trust. *Social Indicators Research*, 1-22.

Reutterer, T., K. Gruber, W. Lutz, F. Stephany (2016), Demographic Models for Predicting Future Markets. In *Proceedings of the 2016 AMA Winter Marketing Educators' Conference*, American Marketing Association (AMA), Las Vegas.

## SOCIAL ENGAGEMENT AND EXTRACURRICULAR ACTIVITIES

Ambassador for FreeInterRail, EU program granting free access to mobility for all EU youth, 2016  
"Fries of Hope", refugee charity initiative at Vienna *Hauptbahnhof*, 2015  
"Walk for Studies without Borders": Initiator of a charity action for the student initiative Etudes Sans Frontières - Studieren Ohne Grenzen Deutschland e.V., 2014.  
Friedrich-Naumann-Foundation: Co-organisation and direction of seminars for students in Germany, Israel, Italy and Luxembourg, 2009/11/13.

Blogging ([link](#)), piano, tennis, skiing