

# Fridolin Linder

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## Education

2013-(expected 2018): **PhD, Political Science, Social Data Analytics**; Pennsylvania State University.

2011-2013: **MA, Political Science**; University of Mannheim (Germany) (1 year of course work at Washington University in St. Louis).

2008-2011: **BA, Political Science**; University of Vienna (Austria).

## Publications

Exploratory Data Analysis using Random Forests (R Package). (2016). Journal of Open Source Software. (With [Zachary M. Jones](#)). [Link](#).

Human Rights Texts: Converting Human Rights Primary Source Documents into Data.(2015). PLOS ONE 10 (9). (With [Christopher J. Fariss](#), [Charles Crabtree](#), [Zachary M. Jones](#), Megan Bied, Taranamoli Kaur, Ana Ross and Michael Tsai). [Link](#)

Psychometric Analysis of Residence and MOOC Assessment. (2015). Paper Presented at the 2015 ASEE Annual Conference and Exposition, Seattle Washington. (With Eric Loken, Zita Oravecz and Conrad Tucker).

## Software

[NetworkInference](#): R package to infer latent diffusion networks (Creator).

[edarf](#): R package for exploratory data analysis with random forest (Contributor).

## Professional Experience

Eric and Wendy Schmidt Foundation, [Data Science for Social Good](#) Fellowship (2015).

Bundestag (German Parliament), Internship/Assistant for [Silvia Schmidt, Member of Parliament](#) (2008).

UNICEF, Cochabamba (Bolivia), Internship (2007).

Centro Cultural Ayopayamanta (Bolivia), Internship (2006 - 2007).

## Research Assistance

*Policy Diffusion of Smoking Ban Legislation in US and Switzerland*, Prof. [Fabrizio Gilardi](#), University of Zürich (2016).

*Text as Policy: Measuring Policy Similarity through Bill Text Reuse*, [Prof. Bruce Desmarais](#) (2015-2016).

*Bayesian Measurement Models for Large Scale Data*, [Prof. Eric Loken](#) and [Zita Oravecz](#) (BDSS IGERT Research Rotation, Department for Human Development and Family Studies, Penn State) (2014-2015).

*Legislative Speech Project*, [Prof. Burt Monroe](#) (2013-2014).

*Text Analysis of German State Party Manifestos* [Prof. Thomas Bräuninger](#), University of Mannheim (2011-2013).

*Protest Event Data for Austria*, [Prof. Wolfgang C. Müller](#), University of Vienna (2011).

## Technical Skills

Research: Design and analysis of quantitative observational and experimental studies.

Programming: Python, R (proficient), C++, Javascript (familiar)

Data Management: SQL, MongoDB

Languages: German, English, Spanish

## Conference Presentations

APSA Annual Meeting (2016): Text as Policy: Measuring Policy Similarity through Bill Text Reuse.

Polmeth 2016: Text as Policy: Measuring Policy Similarity through Bill Text Reuse (Poster).

MPSA Annual Meeting (2015): Bias in Ideological Self and Party Placement. The Consistency Effect.

Polmeth 2014: Data Mining as Exploratory Data Analysis (Poster).

## Awards, Honors and Fellowships

Peter Schallmoser Award, Pennsylvania State University (2017).

Eric and Wendy Schmidt Foundation, [Data Science for Social Good](#) Fellowship (2015).

[Big Data Social Science](#) IGERT Fellow (2014-2016).

Graduate Scholar Award, Pennsylvania State University (2013).

Summer Research Grant, Pennsylvania State University (2014).

Fellowship, Baden-Württemberg Foundation (2012).

Performance Based Scholarship, University of Vienna (2010).

## Service and Teaching

President of the Graduate Association in Political Science at Penn State.

Reviewer: American Sociological Review, Legislative Studies Quarterly.

Workshops: Introduction to UNIX Command Line and PSU High Performance Computing (BDSS IGERT 2015), Introduction to Python (BDSS IGERT 2014).