

ACADEMIC POSITIONS

2012–present Assistant Professor, Department of Economics, Columbia University
Fall 2015 Visiting Fellow, Department of Economics, Princeton University
2009–2012 Junior Chair (Assistant Professor), Toulouse School of Economics

EDUCATION

2005–2009 Ph.D. in Economics, University of Mannheim
 Thesis Title: “Essays in Non- and Semiparametric Econometrics”
 Thesis Advisers: Enno Mammen and Richard Blundell
Fall 2008 Visiting Research Student, University College London
2000–2005 Diplom in Statistics, University of Dortmund
2003 Visiting Student, University of Auckland

AFFILIATIONS AND EDITORIAL POSITIONS

2016–present Associate Editor, *Econometric Reviews*
2011–present Research Fellow, Institute for the Study of Labor (IZA)

RESEARCH INTERESTS

Econometric Theory, Applied Econometrics

REFEREED PUBLICATIONS

1. “Robust Confidence Intervals for Average Treatment Effects under Limited Overlap,” forthcoming in *Econometrica*.
2. “Semiparametric Estimation with Generated Covariates,” with Enno Mammen and Melanie Schienle, *Econometric Theory* (2016), 32, 1140–1177.
3. “A Discontinuity Test for Identification in Triangular Nonseparable Models,” with Carolina Caetano and Nese Yildiz, *Journal of Econometrics* (2016), 193, 113–122.
4. “Decomposing the Composition Effect: The Role of Covariates in Determining Between-Group differences in Economic Outcomes,” *Journal of Business and Economic Statistics* (2015), 33, 323–337.
5. “Misspecification Testing in a Class of Conditional Distributional Models,” with Dominik Wied, *Journal of the American Statistical Association* (2013), 108, 314–324.
6. “Partial Distributional Policy Effects,” *Econometrica* (2012), 80, 2269–2301.
7. “Nonparametric Regression with Nonparametrically Generated Covariates,” with Enno Mammen and Melanie Schienle, *Annals of Statistics* (2012), 40, 1132–1170.
8. “Identification of Unconditional Partial Effects in Nonseparable Models,” *Economics Letters* (2010), 109, 171–174.

9. “Nonparametric Estimation of Distributional Policy Effects,” *Journal of Econometrics* (2010), 155, 56–70.
10. “Semiparametric Estimation of Binary Response Models with Endogenous Regressors,” *Journal of Econometrics* (2009), 153, 51–64.
11. “Phillips-Perron-type Unit Root Tests in the Nonlinear ESTAR framework,” with Philipp Sibbertsen, *Allgemeines Statistisches Archiv* (2006), 90, 439–456.

NON-REFEREED PUBLICATIONS

12. “Generated Regressors in Nonparametric Estimation: A Short Review,” with Enno Mammen and Melanie Schienle, in *Recent Developments in Modeling and Applications in Statistics*, ed. by P.E. Oliveira et al., Springer Verlag (2013)

COMPLETED WORKING PAPERS

13. “Inference in Regression Discontinuity Designs with a Discrete Running Variable,” with Michal Kolesár, revise and resubmit, *American Economic Review*.
14. “Estimating Derivatives of Function-Valued Parameters in a Class of Moment Condition Models,” with Dominik Wied, submitted.
15. “Properties of Doubly Robust Estimators when Nuisance Functions are Estimated Nonparametrically,” with Sergio Firpo, submitted.
16. “The Value of Knowing the Propensity Score for Estimating Average Treatment Effects,” submitted.
17. “Bounds on Treatment Effects in Regression Discontinuity Designs under Manipulation of the Running Variable, with an Application to Unemployment Insurance in Brazil,” with Francois Gerard and Miikka Rokkanen, submitted.

RESEARCH GRANTS

- 2016–2018 National Science Foundation Grant SES 1559058: “Non-Standard Issues in Regression Discontinuity Designs,” with Francois Gerard and Miikka Rokkanen.

HONORS AND AWARDS

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| 2016 | Excellence in Graduate Teaching Award, Columbia University Association of Graduate Economics Students (AGES) |
| 2015 | Gumbel Lecture, Annual Meeting of the German Statistical Society |
| 2014 | Excellence in Graduate Teaching Award, Columbia University Columbia University Association of Graduate Economics Students (AGES) |
| 2005–2008 | German Research Foundation (DFG) Doctoral Scholarship (three years) |
| 2005 | Award for best <i>Diplom</i> thesis in Statistics, University of Dortmund |
| 2003 | German Academic Exchange Service (DAAD) Scholarship |

REFEREEING

Annals of Statistics, Computational Statistics and Data Analysis, Econometric Reviews, Econometric Theory, Econometrica, Econometrics Journal, Economic and Social Research Council (UK), Economica,

Empirical Economics, European Research Council (EU), Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Inequality, Journal of Multivariate Analysis, Journal of Political Economy, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Labour, Labour Economics, National Science Foundation (USA), Oxford Bulletin of Economics and Statistics, Quantitative Economics, Review of Economic Studies, Review of Economics and Statistics, Statistics and Probability Letters.

CONFERENCE ORGANIZATION

2016 Program Committee Member, IAAE Annual Conference

INVITED SEMINARS

2016 University of Oklahoma, University of Iowa, University of Toronto (scheduled), University of British Columbia (scheduled)
2015 Syracuse, University of Maryland, Princeton, Yale, Boston University
2014 University of Wisconsin Milwaukee, Georgetown, Northwestern, Duke
2013 New York University, University of Pennsylvania, Princeton, Brown, University of Texas Austin, Ohio State University, Indiana University, Harvard/MIT, Pennsylvania State University, University of Wisconsin Madison, University of Dortmund
2012 University College London, CREST, Universidad Carlos III de Madrid, Rutgers, Rochester
2011 Oxford, Mannheim
2010 Humboldt-Universität Berlin, Einaudi Institute Rome, HSG St. Gallen, Columbia, Georgetown
2009 Toulouse School of Economics, University of British Columbia, University of New South Wales, UC Louvain, Warwick

CONFERENCE PRESENTATIONS

2017 Econometric Society North American Winter Meeting (Chicago, scheduled)
2016 Econometric Society North American Winter Meeting (San Francisco), International Association for Applied Econometrics Annual Conference (Milan) IMS Asian Pacific Rim Meeting (Hong Kong).
2015 Workshop on “Structured Nonparametric Modeling” in Honor of Enno Mammen’s 60th Birthday (Berlin), Annual Meeting of the German Statistical Society (Hamburg), Interactions: Bringing Together Econometrics and Applied Microeconomics (Chicago)
2014 Econometric Society North American Winter Meeting (Philadelphia), Cowles Summer Conference (Yale), CEME Conference on Inference in Non-Standard Problems (Princeton), Econometric Society European Meeting (Toulouse), Greater NY Metropolitan Area Colloquium (Princeton)
2013 CEME Conference on Inference in Non-Standard Problems (Cornell), European Economic Association & Econometric Society European Meeting (Gothenburg), LATAM Workshop in Econometrics (Sao Paulo)
2012 Econometric Society North American Winter Meeting (Chicago), Greater New York Area Econometrics Colloquium (New York University)

- 2011 Econometric Society European Meeting (Oslo)
- 2010 21st EC2 Conference (Toulouse), 2nd Annual French Econometrics Conference (Paris), Annual Meeting of the German Statistical Society (Nuremberg), Advancing Applied Microeconometrics (Beijing), SOLE/EALE International Conference (London)
- 2009 Econometric Society European Meeting (Barcelona), Econometric Society North American Summer Meeting (Boston), Workshop on Non- and Semiparametric Methods in Econometrics (BIRS Banff)
- 2008 Econometric Society European Winter Meeting (Cambridge), Econometric Society European Meeting (Milan), Symposium on Econometric Theory and Applications (Seoul), Annual Meeting of the German Statistical Society (Berlin), 8th German Open Conference on Probability and Statistics (Aachen), ENTER Jamboree (Madrid).
- 2007 Econometric Society European Meeting (Budapest), Annual Meeting of the German Statistical Society (Bielefeld), Workshop on Non- and Semiparametric Methods in Econometrics (MFO Oberwolfach).

TEACHING EXPERIENCE

Columbia University

G6412 Introduction to Econometrics 2 (1st year PhD), Spring 2013–present

W3412 Introduction to Econometrics (Undergraduate), Spring 2015

Toulouse School of Economics

Advanced Microeconometrics (Graduate), Spring 2010–Spring 2012

PHD STUDENT SUPERVISION

Thesis committee member of Ju Hyun Kim (initial placement: UNC Chapel Hill)

PERSONAL INFORMATION

German citizen; US permanent resident; married; three children.