


MARION HOFFMAN Ph.D.


Education

- Mar 2017
- Sep 2021
- Ph.D. from ETH ZÜRICH**
Zürich, SWITZERLAND
- Ph.D. in Science, Department of Humanities, Social, and Political Sciences.
Supervisor: Prof. Christoph Stadtfeld, co-supervisor: Prof. Tom A. B. Snijders
- Sep 2015
- Sep 2016
- M.Sc. from PARIS-SACLAY UNIVERSITY**
Paris, FRANCE
- M.Sc. Degree in Network Industries and Digital Economics. Highest Honors.
- Sep 2012
- Sep 2016
- M.Sc. from SUPELEC (now CentraleSupélec)**
Gif-sur-Yvette, FRANCE
- "Grande Ecole d'ingénieur" Major in Computer Science. Highest Honors.

Contact

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 **Links**
marion-hoffman.github.io
github.com/marion-hoffman

 **Languages**
French (native C2)
English (fluent C2)
Dutch (intermediary B1)
Spanish, Italian (beginner A2)

Academic Positions

- Sep 2024
- now
- ASSISTANT PROFESSOR at the TOULOUSE SCHOOL OF ECONOMICS**
Toulouse, FRANCE
- I am employed as a (tenure-track) assistant professor in sociology at the Department of Social and Behavioral Sciences, with a research grant of 100,000€.
- Dec 2022
- Jul 2024
- POSTDOC at the UNIVERSITY OF ZÜRICH**
Zürich, SWITZERLAND
- I was employed part-time by Prof. Per Block in the Department of Sociology. I worked on the development of statistical models for weighted networks, with an application to the study of mobility networks.
- Oct 2021
- Aug 2024
- FELLOW at the INSTITUTE FOR ADVANCED STUDY IN TOULOUSE**
Toulouse, FRANCE
- In this fellowship, I worked independently on the specification of statistical models for social group data by linking literature on the sociology of groups, network modeling, and game theory.
- Mar 2017
- Sep 2021
- Ph.D. CANDIDATE at the Chair of Social Networks, ETH ZÜRICH**
Zürich, SWITZERLAND
- In my thesis, I developed two statistical models for cross-sectional and dynamic partitions of individuals. I used them to study the influence of depression on interactions and socioeconomic homophily in adolescent groups.
- Apr 2016
- Feb 2017
- RESEARCH ASSISTANT at the Chair of Cognitive Science, ETH ZÜRICH**
Zürich, SWITZERLAND
- I studied the impact of space on crowd distributions in virtual reality experiments and agent-based simulations. I used this research for my Master Thesis, which was awarded the maximal grade (A) in September 2016.

Publications

Information on 23/04/2026:

- Number of papers in peer-reviewed journals: **10**
- Number of citations: **816**
- H-index: **7**

Main publications:

- **Hoffman M.**, Block P. (2026), Models for emergent structures in mobility: specification and individual-level interpretation, *Journal of the Royal Statistical Society Series A: Statistics in Society*, qnag057.
- **Hoffman, M.**, Stadtfeld, C., & Elmer, T. (2024). Dyadic Isolation in Social Interactions: The Role of Depressive Symptoms. *Social Psychology Quarterly*, 88 (2), 249-270.
- **Hoffman M.** & Chabot T. (2023), The Role of Selection in Socioeconomic Homophily: Evidence from an Adolescent Summer Camp. *Social Networks* 74, 259-274.
- **Hoffman, M.**, Block P., Snijders T.A.B. (2023). Modeling partitions of individuals. *Sociological Methodology* 53(1), 1-41.
- Block, P., **Hoffman, M.**, Raabe, I. J., Dowd, J. B., Rahal, C., Kashyap, R., & Mills, M. C. (2020). Social network-based distancing strategies to flatten the COVID-19 curve in a post-lockdown world. *Nature Human Behaviour* 4(6), 588-596.
- **Hoffman, M.**, Block, P., Elmer, T., & Stadtfeld, C. (2020). A model for the dynamics of face-to-face interactions in social groups. *Network Science* 8(S1), 1-22.

Teaching

Fall 2024 - now	Lecturer for the course "Introduction to Sociology" , Toulouse School of Economics <i>Toulouse, FRANCE</i>
Spring 2024 - now	Lecturer for the course "Graph Analysis" , Toulouse School of Economics <i>Toulouse, FRANCE</i>
May 2023	Guest lecturer for the course "Social Network Analysis" , University of Salerno <i>Salerno, ITALY</i>
Spring 2023	Teaching assistant for the course "Graph Analysis" , Toulouse School of Economics <i>Toulouse, FRANCE</i>
Mar 2022	Guest lecturer for the course "Social network theories and methods" , Geneva Graduate Institute <i>Geneva, SWITZERLAND</i>
Fall 2020	Teaching assistant for the course "Network Modeling" , ETH Zürich <i>Zürich, SWITZERLAND</i>

Invited talks

- The Institute for Analytical Sociology Seminar at **Linköping University**, Sweden (2026 Apr 16)
- Statistics seminar series, jointly hosted by **Trinity College Dublin** and **University College Dublin**, Ireland (2025 Dec 4)
- Statistic Seminar at **Carnegie Mellon University**, online (2025 Sep 12)
- Statistics Seminar of the **University of New South Wales**, Australia (2024 Nov 25)
- Symposium "Statistical Inference for Network Models" for the **NetSci 2023 Conference in Vienna**, Austria (2023 July 11)
- Statistics seminar, **University of Kent**, online (2023 Mar 16)
- Séminaire Savoir, réseaux, et médiation, **Université Toulouse Jean Jaurès**, France (2023 Jan 27)
- Mathematics and Statistics seminar, **Toulouse School of Economics**, France (2022 Dec 8)
- Symposium on Social network and demographic models, CEFE-CNRS, **University of Montpellier**, France (2022 Oct 10-11)
- Mitchell Center Seminar, **University of Manchester**, UK (2022 Feb 23)
- Invited talk at the **Costnet Conference on Covid-19**, online (2020 Jul 10)
- Seminar of the Leverhulme Centre for Demographic Science, **University of Oxford**, UK (2020 Mar 11)
- Sociology Colloquium, **University of Groningen**, The Netherlands (2019 Nov 27)