Nynke Martina Dorende Niezink

Carnegie Mellon University Department of Statistics & Data Science Baker Hall 132A Pittsburgh, PA 15213, United States nniezink@andrew.cmu.edu http://www.stat.cmu.edu/~nynke/

Phone: (+1) 412-268-3433

Academic positions

2018 - presentAssistant professor (tenure track), Department of Statistics & Data Science, CMU
Courtesy appointment at the Heinz College of Information Systems and Public Policy, CMU
Jan - Jun 2018Jan - Jun 2018Instructor, Department of Statistics & Data Science, CMU

Education

2012 - 2017	РнD Sociology (<i>cum laude</i>), University of Groningen
	Committee: Tom Snijders (promotor), Marijtje van Duijn
	Thesis: Modeling the dynamics of networks and continuous behavior
	Defense date: May 28, 2018
2010- 2012	RESEARCH MASTER Behavioral and Social Sciences (<i>summa cum laude</i>), specialization Psycho-
	metrics and Statistics, University of Groningen
	Thesis: Co-evolution of social networks and continuous actor attributes
2008 - 2011	MASTER Applied Mathematics (cum laude), University of Groningen
	Thesis: Consensus in networked multi-agent systems
2006 - 2010	BACHELOR Pedagogigal Sciences, University of Groningen
	Thesis: Validity assessment of language screening instrument SNEL
2005 - 2008	BACHELOR Mathematics (cum laude), University of Groningen
-	Thesis: Abelian sandpiles
Jun 2019	SUMMER INSTITUTE in Computational Social Science, Princeton University (two weeks)
Jul - Aug 2012	SUMMER SCHOOL in Computational Biology and Bioinformatics, University of Oxford (six weeks)
-	<i>Project:</i> Mixtures of forests models to detect coevolution in protein sequences

Publications

Under review / R&R

²⁰²⁴⁺ Feldbrugge, J. and **N.M.D. Niezink**. Orthogonality relations for conical functions of imaginary order [submitted]

- Li, S. and **N.M.D. Niezink**. Meeting by design: Fostering cross-race and cross-nationality friendship in higher education through team experience [submitted]
- ²⁰²⁴⁺ Hong, A. and **N.M.D. Niezink**. The multiplex p_2 model: Mixed-effects modeling for multiplex social networks [R&R, Bayesian Analysis]
- 2024+Li, S., D. Krackhardt and N.M.D. Niezink. The importance of project status for career success:
A network perspective [second R&R submitted, Journal of Management]
- Li, S., D. Krackhardt and N.M.D. Niezink. Getting ahead through luck of the draw: Random assignments to complex projects and early career trajectories [second R&R, Academy of Management Journal]

Refereed publications

- Helgeson, V.S., F.S. Horner, H.T. Reis, **N.M.D. Niezink**, and I. Libman (2024). Peer interactions and health among youth with diabetes: An ecological momentary assessment. *Health Psychology*.
- Helgeson, V.S., F. Horner, H. Reis, **N.M.D. Niezink** and I. Libman (2023). Support and conflict among youth with type 1 diabetes: A focus on friends. *Journal of Pediatric Psychology*, 48(11), 940–951.
- Niezink, N.M.D. (2023). Discussion of 'A tale of two datasets: Representativeness and generalisability of inference for samples of networks' by P.N. Krivitsky, P. Coletti, and N. Hens. *Journal* of the American Statistical Association, 118(544), 2232–2234.
- Li, S., D. Krackhardt and **N.M.D. Niezink** (2023). Do your friends stress you out? A field study of the spread of stress through a community network. *Journal of Personality and Social Psychology*, *125*(1), 100–116.
- Zajdel, M., J.B. Naqvi, **N.M.D. Niezink**, and V.S. Helgeson (2022). Links of daily shared appraisal and collaboration to support, mood, and self-care in type 2 diabetes. *Journal of Social and Personal Relationships*, 40(6), 1961–1986.
- 2022 Wu, W., **N.M.D. Niezink**, and B.W. Junker (2022). Diagnostics for pairwise comparison models. *Journal of the Royal Statistical Society Series A: Statistics in Society*, *185*, S461–S484.
- Niezink, N.M.D. and P. Campana (2022). When things turn sour: A network event study of organized crime violence. *Journal of Quantitative Criminology, 39*, 655–678.
- 2021Yang, X., N.M.D. Niezink and R. Nugent. (2021). Learning social networks from text data using
covariate information. Statistical Methods & Applications, 30(5), 1399–1423.
- Pan, J., Y. Zhong, S. Young, and N.M.D. Niezink (2021). Collaboration on evidence synthesis in Africa: a network study of growing research capacity. *Health Research Policy and Systems, 19*, 126.
- ²⁰¹⁹ Niezink, N.M.D., M.A.J. van Duijn and T.A.B. Snijders (2019). No longer discrete: Modeling the dynamics of social networks and continuous actor attributes. *Sociological Methodology*, 49(1).
- Niezink, N.M.D. (2019). Offline consequences of echo chambers. In Fourth International Workshop on Social Sensing (SocialSense'19), April 15, 2019, Montreal, QC, Canada. ACM, New York, NY, USA. [conference paper]
- Niezink, N.M.D. and T.A.B. Snijders (2018). Continuous-time modeling of panel data with network structure. In K. van Montford, J.H.L. Oud & M. Voelkle (Eds.), Continuous time modeling in the behavioural and related sciences. Cham, Switzerland: Springer.
- ²⁰¹⁸ Tropf, F.C., **N.M.D. Niezink**, and T. Kretschmer (2018). Causality and pleiotropy in the association between victimization in adolescence and depression in adulthood in the UK. *Twin Research and Human Genetics*, *21*(1), 33–41.
- ²⁰¹⁷ Niezink, N.M.D. and T.A.B. Snijders (2017). Co-evolution of social networks and continuous actor attributes. *The Annals of Applied Statistics*, *11*(4), 1948–1973.
- Niezink, N.M.D. (2016). Netwerkdynamiek ontrafelen. [To unravel network dynamics]. *Sociologie Magazine*, *24*(4), 26–28.

Grants

- ^{2022 2024} Richard King Mellon Foundation grant for the project 'Evaluating gamified pediatric diabetes education', PI: Rema Padman, CMU (Co-investigator)
- 2022 2023 CMU Provost's Inclusive Teaching Fellowship for the project 'Faces of statistics'
- 2021 2024 NIH/National Library of Medicine grant for the project 'Leveraging YouTube video analytics for patient education: A digital therapy tool for clinicians to retrieve and recommend understandable videos on chronic disease management', PI: Rema Padman, CMU (Co-investigator, 1R01LM013443-01A1)
- ^{2020 2025} NSF Regular Research Grant in the Methodology, Measurement, and Statistics (MMS) Program for the project 'Statistical Models for Three-Way Social Network Dynamics' (PI, SES-2020276)
- 2020 2021 Russell Sage Foundation Small Grant in Computational Social Science for the project 'Learning

	from wiki surveys for large-scale collaborative ideation' (PI, G-2003-22461)
Jul 2019	NIH grant 'Teens with type 1 diabetes: A focus on friendship', PI: Vicky Helgeson, CMU (Co-PI)
Jan 2019	CMU Berkman Faculty Development Fund grant for the project 'Modeling the Dynamics of
	Criminal Networks based on Cooffending Events' (PI)
Apr 2013	NWO (Dutch NSF) Research Talent grant for the project 'Co-Evolution of Networks and Real-
	Valued Actor Attributes' (NWO 406-12-165, full 3 year research funding)
Jul 2012	Full stipend for participation in the project-based summer school in Computational Biology and

Bioinformatics, University of Oxford

Awards

- Jun 2019 Nominated by the Faculty of Behavioral and Social Sciences for the Wierenga-Rengerink PhD Prize for the best dissertation of the University of Groningen
- Jun 2012 Teaching Assistant of the Year for the studies Mathematics and Applied Mathematics, elected by the students
- Dec 2011 Excellent Students scholarship, awarded by the Groningen University Fund (for a research internship at Nuffield College, University of Oxford)

Research visits

Mar 2023	Visiting Scholar at Institute of Criminology, University of Cambridge, hosted by Paolo Campana
Jul 2019	Visiting Scholar at Institute of Criminology, University of Cambridge, hosted by Paolo Campana
Jan - Mar 2015	Research visit to Mark Handcock, Department of Statistics, UCLA
	Topic: Particle filtered MCMC-MLE for exponential random graph models
Jan - Apr 2012	Junior Visiting Scholar at Nuffield College, University of Oxford
Apr - Jun 2011	Research intership at Dutch National Aerospace Laboratory, Amsterdam

Talks

	Invited talks
Sep 2024	Talk at Causal Inference and Prediction for Network Data, Banff International Research Station
Mar 2024	Modeling (criminal) network dynamics – Institute of Criminology, University of Cambridge
Feb 2023	How do social networks affect us? – CMU Women in Mathematics and Computing symposium
Dec 2022	Networks in 3D: Inference for three-way social networks. – IMS International Conference on
Dec 2022	Statistics and Data Science, Florence
Nov 2022	Networks in 3D: Inference for three-way social networks. – Stanford Research on Algorithms
100 2022	and Incentives in Networks seminar, Stanford University
N (Modeling the dynamics of network perceptions. – AMS Spring Western Virtual Sectional Meet-
May 2022	
	ing, Special Session on Interactions Between Probability and Statistics, virtual
Apr 2022	Modeling actor dynamics on social networks. – Novartis, virtual
Oct 2021	Social network analysis. – CMU American Statistical Association Meeting
Jun 2021	Modeling network dynamics and dynamics on networks Summer Institute for Computational
	Social Science, Beijing
May 2021	Statistical analysis of social networks Community for Advanced Methodological Learning,
	Department of Psychology, University of Pittsburgh
Apr 2021	Bringing perspective into dynamic network analysis. – Mitchell Centre for Social Network Anal-
	ysis, University of Manchester
Mar 2021	Data science for digital democracy Women in Data Science Pittsburgh @CMU, virtual con-
	ference
Feb 2021	Modeling social influence on dynamic and static networks Statistics & Probability seminar,
	School of Mathematical Sciences, University of Nottingham
Jan 2021	concor or mathematical concrete, on versity of rothingham
Jan 2021	

Jan 2021

	Bringing perspective into dynamic network analysis. – 2021 Workshop on Statistical Network Analysis and Beyond
Jan 2020	Bringing perspective into dynamic network analysis. – Science of Networks in Communities (SONIC) research group, Northwestern University
Oct 2018	Opponent at the defense of Gennady Zavyalov, on his dissertation 'Analyzing the Dynamic Inter-
Oct 2018	dependence of Network Structure and Performance in Board Interlocks', University of Stavanger Business School
Mar 2017	No longer discrete: Modeling the dynamics of social networks and continuous actor attributes.
Mai 2017	– Department of Statistics, Penn State University
Mar 2017	No longer discrete: Modeling the dynamics of social networks and continuous actor attributes. – Department of Statistics, Carnegie Mellon University
Aug 2016	Modeling the dynamics of social networks and continuous actor attributes. – Workshop Network
	Science and its Applications, Isaac Newton Institute for Mathematical Sciences, Cambridge
Mar 2015	Co-evolution of social networks and continuous actor attributes. – Social network analysis group
D.h	seminar, Department of Statisics, UCLA Co-evolution of social networks and continuous actor attributes. – CANA Social networks meet-
Feb 2015	ing, Department of Preventive Medicine, University of Southern California
Mar 2013	ODE, RDE and SDE models of cell cycle dynamics and clustering Statistics reading group,
	Department of Mathematics, University of Groningen
Feb 2013	Co-evolution of social networks and continuous actor attributes, and the demystification of the
	many ministeps Statistical network modeling seminar, Nuffield College, University of Oxford
	Contributed talks
Jun 2024	RSiena for continuous behavior: Updates and next steps 44th Sunbelt Social Networks Con-
	ference, Edinburgh
Jul 2022	Social influence on dynamic networks: Modeling in continuous time XLII Sunbelt Social
	Networks Conference, Cairns
Sep 2021	Continuous-time modeling of social influence on static networks 5th European Conference
	on Social Networks, virtual
Jul 2021	Continuous-time modeling of social influence on static networks. – Networks 2021: A Joint Sunbelt and NetSci Conference, virtual
Dec 2019	Modeling the dynamics of social network perceptions. – CMStatistics 2019, London
Sep 2019	When thing turns sour: A network event study of violence among organized crime members. – 4th European Conference on Social Networks, Zurich
Jun 2019	Network analysis: A talk about assumptions. – Summer Institute in Computational Social Sci-
Juli 2019	ence, Princeton University
Apr 2019	Offline consequences of echo chambers. – 4th International Workshop on Social Sensing (So-
1	cialSense'19), Montreal
Dec 2018	Stochastic differential equation modeling of social influence in networks. – CMStatistics 2018,
	Pisa
Nov 2018	When things turn sour: Exploring violence by organized crime members using a longitudinal
	event-based perspective North American Social Networks Conference, Washington
Jun 2018	Continuous versus discretized behavior in stochastic actor-oriented models. – XXXVIII Sunbelt
-	Social Networks Conference, Utrecht
Jun 2018	Modeling the dynamics of social networks and continuous actor attributes NetSci 2018, Paris
Jul 2016	Modeling the dynamics of social networks and continuous actor attributes. – World Congress
-	in Probability and Statistics, Toronto
Jun 2016	A matter of accuracy: Standard errors in stochastic actor-oriented models. – European Confer-
-	ence on Social Networks II, Paris
Jul 2015	Always in interaction: Continuous-time modeling of panel data with network structure Eu-
	ropean Meeting of Statisticians, Amsterdam
Jun 2015	What is it like to be discrete? Continuous behavior variables in stochastic actor-oriented models.
	– XXXV Sunbelt Social Networks Conference, Brighton

Jul 2014 Always in interaction: Continuous time modeling of panel data taking into account social embeddedness. – VI European Congress of Methodology, Utrecht

Jul 2014 Continuously or discretely: How to analyze continuous dependent actor attributes in stochastic actor-oriented models. – European Conference on Social Networks I, Barcelona

Jun 2013 Co-evolution of networks and continuous actor attributes: Modeling opportunity and mechanisms for change. – ARS'13 International Workshop 'Networks in space and time', Rome

Mar 2013 Co-evolution of social networks and continuous actor attributes. – XXXIII Sunbelt Social Networks Conference, Hamburg

Jan 2013 Co-evolution of social networks and continuous actor attributes. – Young European Statisticians Workshop, Eindhoven

Supervision

ongoing	Princess Allotey. Joint PhD in Statistics and Public Policy
	- Health utilization among individuals experiencing homelessness (Advanced Data Analysis project,
	co-advised with Rema Padman)
ongoing	Peem Lerdputtipongporn. PhD in Statistics and Data Science
	- Causal inference in dynamic social network analysis (co-advised with David Choi)
	- Modeling the length of hospital stay of sepsis patients (Advanced Data Analysis project, co-
	advised with Larry Wasserman and George Chen)
ongoing	Anni Hong. PhD in Statistics and Data Science
	– Modeling multiplex networks
	- Three-way network analysis of gossip (Advanced Data Analysis project)
2024	Shihan Li. PhD in Public Policy and Management, co-advised with David Krackhardt
	 The effects of networks in organizations on well-being and career success
2023	Quang Nguyen. PhD in Statistics and Data Science
	– Network analysis of organized crime in space and time (Advanced Data Analyis project)
2023	Joshua Choi. BSc in Statistics and Machine Learning, Dietrich Senior Honors thesis
	– The effect of relative academic standing in students' social networks on academic growth
2022	Sana Lakdawala. MSc in Machine Learning (before: Dietrich Senior Honors thesis, BSc)
	 Analyzing multilateral sanctions using three-way network analysis
2021	Weichen Wu. PhD in Statistics and Data Science, co-advised with Brian Junker
	 Statistical methodology for wiki survey data (Advanced Data Analyis project)
2021	Edric Eun. Summer Undergraduate Research Apprenticeship (BSc)
	– Modeling social influence on static networks using stochastic differential equations
2021	Xiaoyi Yang. PhD in Statistics and Data Science, co-advised with Rebecca Nugent
	– Learning social networks from text data
2020	Yuting Shi. MSc in Electrical Engineering
	– Relational event models for food sharing in a community in Nicaragua
2020	Jiayi Pan. BSc in Statistics and Data Science, and Yongqi Zhong. PhD in Epidemiology, Pitt
	– A network view on capacity building in evidence synthesis in sub-Saharan Africa
2019	Matt Crespi. PhD in Public Policy and Management, co-advised with David Krackhardt
	- Examining physician referral networks and hospital performance
2015	Lianne Jansen. Master's thesis Mathematics, co-advised with Ernst Wit
	- Co-evolution of friendship and academic performance in an international setting
2014	Ferdi Doddema. Master's thesis Mathematics Education, co-advised with Ernst Wit
	– Introduction to the stochastic actor-oriented model: A description and application of the model

Committee member

2023	Wanshan Li.	PhD in	Statistics	and Data	Science,	Carnegie Mellon	University	

- 2023 Max Rubinstein. PhD in Statistics & Data Science and Public Policy, Carnegie Mellon University
- ²⁰²¹ Shengming Luo, PhD in Statistics and Data Science, Carnegie Mellon University
- 2020 Kayla Frisoli. PhD in Statistics and Data Science, Carnegie Mellon University
- 2018 Momin Malik. Data Analysis Project, Machine Learning, Carnegie Mellon University
- ²⁰¹⁸ Gennady Zavyalov. PhD at Faculty of Social Science, University of Stavanger Business School

Service

2023 - present	Associate Editor of Statistica Neerlandica
2023 - present	Board member of the International Network for Social Network Analysis (INSNA)
2024	Co-organizer of the session 'Modeling Network Dynamics' at the 44th Sunbelt Social Networks
	Conference, Edinburgh
2022	Co-organizer of the session 'Modeling Network Dynamics' at the 6th European Conference on
	Social Networks, Greenwich
2022	Co-organizer of the sessions 'Modeling Network Dynamics' and 'Modeling Social Influence' at
	XLII Sunbelt Social Networks Conference, Cairns
2021	Co-organizer of the sessions 'Modeling Network Dynamics' and 'Modeling Social Influence' at
	Networks 2021: A Joint Sunbelt and NetSci Conference, Washington DC
2021	Member of a National Science Foundation review panel for the DMS Statistics Program
2020	Co-organizer of the sessions 'Modeling Network Dynamics' and 'Criminal Networks' at the 2020
2020	Sunbelt Virtual Conference
2015 - present	Occasional reviewer for: BMJ Open, Computational Statistics and Data Analysis, Journal of the
2015 - present	American Statistical Association, Journal of the Royal Statistical Society - Series C, Methodol-
	ogy, Multivariate Behavioral Research, Social Networks, Sociological Methods & Research, Soci-
	ological Methodology, Network Science, PlosOne, Statistical Methods $\mathring{\sigma}$ Applications, Statistica Neerlandica
	Neemanuica
	Carnegie Mellon University
2023 - present	CARNEGIE MELLON UNIVERSITY Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College
2023 - present	
2023 - present 2021 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College
- 1	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board
2021 - present 2020 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis
2021 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty
2021 - present 2020 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship
2021 - present 2020 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022-
2021 - present 2020 - present 2018 - present	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present)
2021 - present 2020 - present 2018 - present 2020 - 2022	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020)
2021 - present 2020 - present 2018 - present 2020 - 2022 2021	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee
2021 - present 2020 - present 2018 - present 2020 - 2022	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020)
2021 - present 2020 - present 2018 - present 2020 - 2022 2021	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee
2021 - present 2020 - present 2018 - present 2020 - 2022 2021	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee Dietrich College: Space committee
2021 - present 2020 - present 2018 - present 2020 - 2022 2021 2021	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee Dietrich College: Space committee
2021 - present 2020 - present 2018 - present 2020 - 2022 2021 2021	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee Dietrich College: Space committee UNIVERSITY OF GRONINGEN Member of the University Committee for Academic Practice (UCW), an independent advisory
2021 - present 2020 - present 2018 - present 2020 - 2022 2021 2021 2015 - 2017	Core member of the Institute for Complex Social Dynamics, housed in CMU's Dietrich College of Humanities and Social Sciences CMU Open Science & Data Collaborations advisory board Organizer of the 'Networkshop', weekly research meetings on network analysis Department of Statistics & Data Science: Governance evaluation committee (2018-2019), Faculty search committee (2018-2019), Strategy and policy committee (2019-present), ASML Scholarship selection committee (2021), PhD admissions committee (2021-2023), DEI working group (2022- present) Member of the StatDS Wellness Network (Mental Health First Aid certificate, Dec 2020) Heinz College of Information Systems and Public Policy: Faculty search committee Dietrich College: Space committee Member of the University Committee for Academic Practice (UCW), an independent advisory committee of the Board of the University of Groningen

Teaching

2023 - present 2018 - present	CARNEGIE MELLON UNIVERSITY PNC Rising Data Scientists Program: Module on Graphs and Networks (Executive Education) 36-226 Introduction to Statistical Inference (Spring 2019–2023, BSc) 36-726 Statistical Practice (Spring 2023–2024, MSc) 36-717 Statistical Network Models I (Fall 2021; newly developed, PhD) 36-718 Statistical Network Models II (Fall 2021; newly developed, PhD) 36-311 Statistical Analysis of Networks (Fall 2018–2020; newly developed, BSc) 36-490 Undergraduate Research (Spring 2018, BSc)
Apr - Jul 2017 2013 - 2017 2009 - 2011 2006 - 2011	UNIVERSITY OF GRONINGEN Department of Sociology, lecturer for SOBA221 Social Networks Department of Sociology, teaching assistant for Statistics 4 (2013), Introduction into R (2014), Social Networks (2015, 2016), Applied Statistics (2016, 2017) Department of Mathematics, mentor of first-year students Department of Mathematics, teaching assistant for Calculus I (2009), Crash course Calculus I (2009), Integrating Projects (2006, 2007), Linear Algebra (2007, 2008, 2009, 2010), Mathematics A (2006), Mathematics B (2006, 2007), Orientation Mathematics (2010)
Jun 2024 Jul 2022 Sep 2021 Jun 2021 Jan 2021 Dec 2019 Sep 2019	Workshop 'Analyzing the dynamics of networks and continuous behavior with RSiena' at the 44th Sunbelt Social Networks Conference, Edinburgh XLII Sunbelt Social Networks Conference, Cairns 5th European Conference on Social Networks, virtual Networks 2021: A Joint Sunbelt and NetSci Conference, virtual RSiena winter school, University of Groningen Duisterbelt workshop, University of Groningen 4th European Conference on Social Networks, Zurich
Jun 2024 Feb 2016	 Workshop 'Multiplex social network analysis with multip2' at the 44th Sunbelt Social Networks Conference, Edinburgh; with Anni Hong (PhD student) Advanced RSiena Users Meeting, ETH Zürich, co-taught with Tom Snijders and Christian Steglich
Jan - Aug 2009 2007 - 2015 2004 - 2010	Willem Lodewijk Gymnasium, mathematics teacher for two first form classes UOCGMarket BV, teacher and material developer highschool final exam training Mathematics B Tutor for highschool students in French, Latin and Mathematics