

Jonas Dalege

Curriculum Vitae

Personal

Surname Dalege
First name Jonas
Date of birth December 23, 1985
Place of birth Duisburg, Germany
Nationality German

Academic Appointments and Research

2020–present **Postdoctoral researcher**, *Santa Fe Institute*.
2019–2020 **Postdoctoral researcher**, *University of Amsterdam*, Department of Psychology.
2015–2018 **Ph.D. candidate**, *University of Amsterdam*, Department of Psychology.
Jul 2018 **Visiting researcher**, *Santa Fe Institute*.
2013–2014 **Research Assistant**, *University of Hamburg*, Department of Psychology.
2011–2012 **Research Assistant**, *University of Amsterdam*, Department of Psychology.

Education

2015–2018 **Ph.D. student**, *University of Amsterdam*, Department of Psychology.
◦ Graduated *cum laude*
◦ Title dissertation: A Formal Approach to Attitude
◦ Supervisors: Prof. Dr. Han L. J. van der Maas, Prof. Dr. Denny Borsboom, Prof. Dr. Frenk van Harreveld
◦ Date of defence: January 23 2020
2011–2013 **Master of Science**, *University of Amsterdam*, Research Master Psychology.
◦ Graduated *cum laude*
◦ Specialization in Social Psychology (major) and Psychological Methods (minor)
2008–2011 **Bachelor of Science**, *University of Amsterdam*, Bachelor Psychology.
◦ Graduated *cum laude*
◦ Specialization in Social Psychology
◦ Honours Program Psychology

Attended Workshops and Winter Schools

Jun 2018 **Advanced workshop on Computational Social Science**, *Santa Fe Institute*.
Mar 2018 **Winter school on Complexity Science**, *Nanyang Technological University Singapore*.

Jul 2017 **Workshop on Computational Social Science**, *Santa Fe Institute*.

Awards & Grants

- 2020 Marie Curie Global Fellowship (€253,052)
- 2020 NWO Rubicon grant (€134,386)
- 2018 Travel award of the Society for Personality and Social Psychology (\$500)
- 2018 Best paper award of the European Social Cognition Network
- 2014 Third place University of Amsterdam thesis price
- 2014 Award for the best master thesis of the Research Master Psychology of the University of Amsterdam
- 2014 Travel grant of the European Association of Social Psychology (€800)
- 2009 Christian Hamaker Price for the best first year thesis of the Psychology Bachelor program of the University of Amsterdam

Teaching

(Guest) Lecturer and/or Assistant

- 2019 Statistics (bachelor level), *Coordinator and lecturer*.
- 2018 Statistics (bachelor level), *Guest lecturer*.
- 2017 Social psychology (bachelor level), *Assistant*.
- 2017 Statistics (bachelor level), *Guest lecturer*.
- 2016 Statistics (bachelor level), *Assistant*.
- 2015 Attitudes and decision-making (master level), *Guest lecturer*.
- 2014 Attitudes and attitude change (bachelor level), *Coordinator and lecturer*.
- 2013 Attitudes and attitude change (master level), *Coordinator and lecturer*.

Supervision

- 2019 Master theses: M. Mathot, B. Oskram, B. Ramler.
- 2019 Bachelor theses: S. Aandewiel, S. de Vries, W. Kameraad, B. Kramer.
- 2018 Master theses: E. van Polanen Petell.
- 2018 Bachelor theses: A. Henle, S. Rivas, P. Schwartz, B. P. Pi-Sunyer.
- 2017 Master theses: A. Blaisse, T. Oreel.
- 2017 Bachelor theses: I. Barnard, D. Boerma, L. Holt, K. Lanahun, H. Schaft, I. van Beurden, N. van der Veer, E. Williams.
- 2016 Bachelor theses: S. de Vries, I. Lemmens, M. Verhoeven, M. Verloop.
- 2015 Bachelor theses: A. Heijnen, A. Muffels, T. Timmer, N. van den Bragt, D. Verheugt.
- 2014 Bachelor theses: G. Müller, F. Theis.

Journal Reviews

2016-present Ad hoc reviewer, *BMC Medical Research Methodology* (1), *European Journal of Social Psychology* (1), *Journal of Applied Psychology* (3), *Journal of Environmental Psychology* (2), *New Ideas in Psychology* (1), *Personality and Social Psychology Bulletin* (1), *PloS One* (4), *Psychological Medicine* (1), *Psychological Review* (1), *Social Cognition* (3), *Social Influence* (1)

Organizational Activities

2017 Co-organizer of the "Psychological Networks Amsterdam Winter School"
2016 Co-organizer of the "Psychological Networks Amsterdam Summer School"
2015 Co-organizer of the workshop "The New Social Psychology!?"

Publications

Borsboom, D., van der Maas, H. L. J., **Dalege, J.**, Kievit, R. A., & Haig, B. D. (in press). Theory construction methodology: A practical framework for theory formation in psychology. *Perspectives on Psychological Science*.

Conner, M., Wilding, S., van Harreveld, F., & **Dalege, J.** (in press). Cognitive-affective inconsistency and ambivalence: Impact on evaluative attitude-behavior relationships. *Personality and Social Psychology Bulletin*.

Dalege, J., & van der Maas, H. L. J. (in press). Accurate by being noisy: A formal network model of implicit measures of attitudes. *Social Cognition*.

Sachisthal, M. S. M., Jansen, B. R. J., **Dalege, J.**, & Raijmakers, M. E. J. (in press). Relating teenagers' science interest network characteristics to later science course uptake: An analysis of Australian PISA 2006 and LSAY data. *Australian Journal of Education*.

Lange, J., **Dalege, J.**, Borsboom, D., van Kleef, G. A., & Fischer, A. H. (2020). Toward an integrative model of emotions. *Perspectives on Psychological Science*, 15, 444–468.

van der Maas, H. L. J., **Dalege, J.**, & Waldorp, L. J. (2020). The polarization within and across individuals: The hierarchical Ising opinion model. *Journal of Complex Networks*, 8, cnaa010.

Zwicker, M. V., Nohlen, H. U., **Dalege, J.**, Gruter, G.-J., & van Harreveld, F. (2020). Applying an attitude network approach to consumer behaviour towards plastic. *Journal of Environmental Psychology*, 69, 101433.

Dalege, J., Borsboom, D., van Harreveld, F., & van der Maas, H. L. J. (2019). A network perspective on attitude strength: Testing the connectivity hypothesis. *Social Psychological and Personality Science*, 10, 746–756.

Sachisthal, M. S. M., Jansen, B. R. J., Peetsma, T. T. D., **Dalege, J.**, van der Maas, H. L. J., & Raijmakers, M. E. J. (2019). Introducing a science interest network to reveal country differences. *Journal of Educational Psychology*, 111, 1063–1080.

Sayans-Jiménez, P., van Harreveld, F., **Dalege, J.**, & Rojas Tajada, A. J. (2019). Investigating stereotype structure with empirical network models. *European Journal of Social Psychology*, 49, 604–621.

Dalege, J., Borsboom, D., van Harreveld, F., Lunansky, G., & van der Maas, H. L. J. (2018). The Attitudinal Entropy (AE) framework: Clarifications, extensions, and future directions. *Psychological Inquiry*, 29, 218–228.

Dalege, J., Borsboom, D., van Harreveld, F., & van der Maas, H. L. J. (2018). The Attitudinal Entropy (AE) framework as a general theory of individual attitudes. *Psychological Inquiry*, 29, 175–193.

Epskamp, S., Fried, E. I., van Borkulo, C. D., Robinaugh, D. J., Marsman, M., **Dalege, J.**, Rhemtulla, M., & Cramer, A. O. J. (2018). Investigating the utility of fixed-margin sampling in network psychometrics. *Multivariate Behavioral Research*. Advance online publication.

Blanken, T. F., Deserno, M., **Dalege, J.**, Borsboom, D., Blanken, P., Kerkhof, G. A., & Cramer, A. O. J. (2018). The role of stabilizing and communicating symptoms given overlapping communities in psychopathology networks. *Scientific Reports*, 8, 5854.

Dalege, J., Borsboom, D., van Harreveld, F., & van der Maas, H. L. J. (2017). Network analysis: A brief tutorial. *Social Psychological and Personality Science*, 8, 528–537.

Dalege, J., Borsboom, D., van Harreveld, F., Waldorp, L. J., & van der Maas, H. L. J. (2017). Network structure explains the impact of attitudes on voting decisions. *Scientific Reports*, 7, 4909.

Dalege, J., Borsboom, D., van Harreveld, F., van den Berg, H., Conner, M., & van der Maas, H. L. J. (2016). Toward a formalized account of attitudes: The Causal Attitude Network (CAN) model. *Psychological Review*, 123, 2–22.

Degner, J., & **Dalege, J.** (2013). The apple does not fall far from the tree, or does it? A meta-analysis of child-parent similarity in intergroup attitudes. *Psychological Bulletin*, 139, 1270–1304.

Dalege, J., & Kreemers, L. (2012). Measurement invariance. In H. J. Adler & G. J. Mellenbergh (Eds.), *Advising on research methods: Selected topics 2012* (pp. 9-30). Huizen, The Netherlands: Johannes van Kessel Publishing.

Talks & Workshops

Invited Talks, Workshops, & Panels

May 2019 **A network perspective on psychological constructs: Theoretical background and data analysis**, *Invited workshop at the Association for Psychological Science Convention*, Washington, D.C., United States of America.

Feb 2019 **Invited panel member for the professional development session on theory development in social and personality psychology**, *Society for Personality and Social Psychology Convention*, Portland, United States of America.

- Jan 2017 **Understanding attitudes and other psychological constructs as individual networks**, *Invited talk for the symposium "Fresh Perspectives on Personality and Social Psychology Processes" at the Society for Personality and Social Psychology Convention*, San Antonio, United States of America.
- Jan 2017 **A network perspective on attitude strength: Network connectivity as a formalized conceptualization of attitude strength**, *Invited talk at the preconference "Dynamical Systems and Computational Modeling in Social Psychology" of the Society for Personality and Social Psychology Convention*, San Antonio, United States of America.
- Jun 2015 **A network perspective on attitudes: The Causal Attitude Network (CAN) model**, *Invited talk for the Social Psychology department of the University of Heidelberg*, Heidelberg, Germany.
- [Organized Symposia](#)
- May 2016 **Dynamical perspectives on personality, attitudes, and decision-making**, *Association for Psychological Science Convention*, Chicago, United States of America. Speakers: William A. Cunningham, Andreas Glöckner, Stephen J. Read
- [Conference Presentations](#)
- May 2019 **Explaining (un)predictability: The Attitudinal Entropy (AE) framework**, *Association for Psychological Science Convention*, Washington, D.C., United States of America.
- Mar 2019 **The Attitudinal Entropy Framework (AE) as a general theory of individual attitudes**, *International Convention of Psychological Science*, Paris, France.
- Sep 2018 **Psych(w/o)metrics: A quantum mechanics analogy of psychological measurement**, *Complex Systems Society Conference*, Thessaloniki, Greece.
- Sep 2018 **The Attitudinal Entropy Framework (AE) as a general theory of individual attitudes**, *European Social Cognition Network Conference*, Cologne, Germany.
- Jun 2018 **The Attitudinal Entropy Framework (AE) as a general theory of individual attitudes**, *Interuniversity Graduate School of Psychometrics and Sociometrics Conference*, Amsterdam, The Netherlands.
- Mar 2018 **The Attitudinal Entropy Framework (AE) as a general theory of individual attitudes**, *Complexity Conference*, Singapore, Singapore.
- Dec 2016 **Network structure explains the impact of attitudes on voting decisions**, *Dutch Association of Social Psychological Researchers Conference*, Leiden, The Netherlands.
- May 2016 **A network perspective on attitude strength and decision-making: The Causal Attitude Network (CAN) model**, *Association for Psychological Science Convention*, Chicago, United States of America.
- Dec 2015 **A network perspective on attitude strength**, *Dutch Association of Social Psychological Researchers Conference*, Amsterdam, The Netherlands.
- Sep 2015 **The Causal Attitude Network (CAN) model as a formalized account of attitudes**, *German Social Psychology Section Conference*, Potsdam, Germany.

- Aug 2015 **The relation between attitude strength and network connectivity**, *European Social Cognition Network Conference*, Bensheim, Germany.
- Dec 2014 **Towards an integrative model of attitudes: The Componential Attitude Network (CAN) model**, *"Do I Like what I Prefer" symposium of the Graduate School of Decision Sciences*, Konstanz, Germany.
- Sep 2014 **Towards a comprehensive model of attitudes: The Componential Attitude Network (CAN) model**, *European Social Cognition Network Conference*, Louvain-la-Neuve, Belgium.
- Jul 2014 **Attitudes as networks: Introducing the Componential Attitude Network (CAN) model**, *European Association of Social Psychology General Meeting*, Amsterdam, The Netherlands.
- [Conference Poster Presentations](#)
- Feb 2019 **The Attitudinal Entropy Framework (AE) as a general theory of individual attitudes**, *Society for Personality and Social Psychology Convention*, Portland, United States of America.
- [Workshops, Summerschools, and Winterschools](#)
- Aug 2018 **Network analyses**, *Lecturer*, Psychological Networks Amsterdam Summer School, Amsterdam, The Netherlands.
- Aug 2017 **Network analyses**, *Lecturer*, Psychological Networks Amsterdam Summer School, Amsterdam, The Netherlands.
- Jan 2017 **Network analyses**, *Lecturer*, Postgraduate School for Experimental Psychopathology, Heeze, The Netherlands.