

Mirre Stallen, PhD

Pieter de la Court building, room 2A39, Wassenaarseweg 52, 2333 AK, Leiden, the Netherlands
m.stallen@fsw.leidenuniv.nl; +31 71 5277336

Current employment

Leiden University, the Netherlands **2017-present**

Assistant Professor, Institute of Psychology

Investigating how poverty impacts the psychological processes underlying decision-making

Amsterdam University of Applied Sciences, the Netherlands **2017-present**

Senior Researcher, Poverty Interventions

Integrating scientific insights with practice to develop effective poverty interventions

Past employment

Stanford University, CA, USA **2015-2017**

Postdoctoral fellow, Psychology

Studied the role of affect in financial decision-making, Principal Investigator (PI): Prof. Brian Knutson

Donders Institute for Brain, Cognition and Behaviour, the Netherlands **2013-2015**

Postdoctoral fellow, Decision Neuroscience

Explored how neuroscience can play a role in shaping public policy, PI: Prof. Alan Sanfey

University of Amsterdam, the Netherlands **2006-2007**

Research assistant

Studied the effect of social ties on cooperation in public goods games, PI: Prof. Richard Ridderinkhof

Education

Stanford Graduate School of Business, CA, USA **2016**

Ignite fellow

Participant in certificate program that teaches innovators to develop and commercialize ideas

Erasmus University Rotterdam, the Netherlands **2007-2013**

PhD doctoral candidate, Rotterdam School of Management,

Thesis: Social context effects on decision-making: A neurobiological approach, PI: Prof. Ale Smidts

University of Amsterdam, the Netherlands **2001-2006**

MSc in Cognitive Science, with distinction (cum Laude)

BA in Biomedical science with minor in Psychology, with distinction (cum Laude)

Research internship at University of California, Davis, USA, PI: Prof. Jennifer Beer

Research internship at University of Amsterdam, PI: Prof. Eric-Jan Wagenmakers

University of Amsterdam, the Netherlands **2000-2001**

Propedeuse Cultural Anthropology

Publications

Huijsmans, I., Ma, I., Micheli, L., Civai, C., **Stallen, M.**, & Sanfey, A.G (2019). *Proceedings of the National Academy of Sciences of the United States*, 116 (24), 11699-11704.

Van Dam., R., Kruithof, M., & **Stallen, M.** (2019). Budgettraining voor mensen met een licht verstandelijke beperking. *Sociaal Bestek*, 1, 17-19.

Stallen, M. (2018). Het effect van armoede op het kinderebrein. In Geuns, R., Desain, L., & van der Weijden, R (Eds), *Hulp bij armoede: Bouwstenen voor effectieve hulpverlening bij armoede en schulden*, (31-37). Houten, the Netherlands: Bohn, Stafleu, van Loghum

Madern, T., & **Stallen, M.** (2018). Tijd om het gat te dichten: Wetenschappelijke kennis in de uitvoeringspraktijk. *Tijdschrift voor Schuldsanering*, 3, 12-15.

Kruithof, M., **Stallen, M.**, Schonewille, G., & Weijers, M. (2018). Direct online hulp bij schulden: Online platform in de maak voor vragen over schulden en om slim door te verwijzen. *Sociaal Bestek*, 4, 42-44.

Knutson B., & **Stallen, M.** How can affect influence choice? *The Nature of Emotions*, 2nd edition (2018). In Fox, A. S., Lapate, R. C., Shackman, A. J. & Davidson, R. J. (Eds.) (pp. 339-342), *The nature of emotion. Fundamental questions* (2nd edition). New York: Oxford University Press.

Stallen, M., Rossi, F., Heijne, A., Smidts, A., de Dreu, C.K.W. & Sanfey, A.G. (2018). Neurobiological mechanisms of responding to injustice. *The Journal of Neuroscience*, 38(12), 2944-2954.

Stallen, M. Griffioen, N. & Sanfey, A.G. (2017) Why are we not more selfish? What the study of brain and behavior can tell us. *Frontiers for Young Minds*, 5:47.

Sanfey, A.G. & **Stallen, M.** (2016). Neurosciences Contribution to Judgment and Decision-Making: Opportunities and Limitations. *Wiley Blackwell Handbook of Judgment and Decision Making*.

Stallen, M. & Sanfey, A.G. (2015). Cooperation in the brain: Neuroscientific contributions to theory and policy. *Current Opinion in Behavioral Sciences*, 3, 117-121.

Stallen, M. & Sanfey, A.G. (2015). The neuroscience of social conformity: Implications for fundamental and applied research. *Frontiers in Neuroscience*, 9:337.

Sanfey A.G., **Stallen, M.** & Chang, L. (2014). Norms and expectations in social decision-making. *Trends in Cognitive Sciences*, 18, 172-174.

Smidts, A., Hsu, M., Sanfey, A.G., Boksem, M.A.S., Ebstein, R.B., Huettel, S.A., Kable, J.W., Karmarkar, U.R., Kitayama, S., Knutson, B., Liberzon, I., Lohrenz, T., **Stallen, M.** & Yoon, C. (2014). Advancing Consumer Neuroscience, *Marketing Letters*, 25, 257-267.

Stallen, M. & Sanfey, A.G. (2013). The cooperative brain. *The Neuroscientist*, 19, 292-303.

Stallen, M., Smidts, A. & Sanfey, A.G. (2013). Peer influence: Behavioral and neuroimaging studies of in-group conformity. *Frontiers in Human Neuroscience*, 7:50.

Fairley, K., **Stallen, M.** & Sent, E.M. (2013). The power of social norms (Dutch title: De kracht van sociale normen). *Economisch Statistische Berichten*, 98, 27-31.

Stallen, M., de Dreu, C., Shalvi, S., Smidts, A. & Sanfey, A.G. (2012). The herding hormone: Oxytocin stimulates in-group conformity. *Psychological Science*, 23, 1288-1292.

Fahrenfort, J.J., van Winden, F., Pelloux, B., **Stallen, M.** & Ridderinkhof, K.R. (2012). Neural correlates of dynamically evolving interpersonal ties predict prosocial behavior. *Frontiers in Neuroscience*, 6:28.

Stallen, M. & Sanfey, A.G. Neuroeconomics and Game Theory. (2011). *Wiley Encyclopedia of Operations and Management Science*.

Stallen, M., Smidts, A., Rijpkema, M., Smit, G., Klucharev, V.A. & Fernandez, G. (2010). Celebrities and shoes on the female brain: The neural correlates of product processing in the context of fame. *Journal of Economic Psychology*, 31, 802-811.

Ridderinkhof, K.R., & **Stallen, M.** (2010). Happiness as a medicine against aging (Dutch title: Vrolijkheid als remedie tegen veroudering). In N. Lazerom & R. Van Dinteren (Eds.) *Brein@Work: Breinkennis voor Organisaties*, 161-171.

Van Winden, F., **Stallen, M.** & Ridderinkhof, K.R. (2008). On the nature, modeling and neural bases of social ties. In D.E. Houser & K.A. McCabe (Eds.), *Neuroeconomics*, 20, 125-159.

Beer, J.S., **Stallen, M.**, Lombardo, M.V., Gonsalkorale, K., Cunningham, W.A. & Sherman, J.W. (2008). The Quadruple Process Model approach to examining the neural underpinnings of prejudice. *Neuroimage*, 43(4), 775-783.

Stallen, M. & Ridderinkhof, K.R.. (2007). Happiness as a medicine against aging (Dutch title: Vrolijkheid als remedie tegen veroudering). In W.G., van Aken, K.R. Ridderinkhof, F.R.J. Verhey, & M. Evenblij (Eds.), *Cahier Bio-Wetenschappen en Maatschappij: Vergrijzend brein: wat ouder wordende hersenen met cognitieve vermogens doen*.

Stallen, M. & Ridderinkhof, K.R. (2007). Diagnostic measures (Dutch title: Diagnostische technieken). In W.G., van Aken, K.R. Ridderinkhof, F.R.J. Verhey, & M. Evenblij (Eds.), *Cahier Bio-Wetenschappen en Maatschappij: Vergrijzend brein: wat ouder wordende hersenen met cognitieve vermogens doen*.

Reports

Stallen, M., A., Smidts, A., de Dreu, C.K.W. & Sanfey, A.G. (2018). Author's response to Eye for an eye: Neural correlates of the preference for punishment-based justice. *The Journal of Neuroscience*, 38(35), 7559-7561.

Tonnon, S., Madern, T., Kruithof, M., **Stallen, M.** van der Laan, J., Jungmann, N., van Geuns, R., van Dijk, W.W. (2018). Kennis in uitvoering: Een verkenning van de kennis die professionals gebruiken in de uitvoering van de schuldhulpverlening en de mate waarin die kennis berust op wetenschappelijke bewijsvoering. Projectleider: **M. Stallen**.

Teaching

Leiden University, the Netherlands

Perspective on Career Planning	2018-2019
Co-promoter PhD student (<i>Hanneke Goosen</i>)	2017-current
Workgroup Economic and Consumer Psychology	
Supervisor Master theses and internships	
Supervisor Bachelor theses	
Academic Skills	2017-2018

Amsterdam University of Applied Sciences, the Netherlands

Methods of Poverty Alleviation	2019
Postdoctoral master for social workers in the field of poverty alleviation	
Guest lecturer Minor Poverty Interventions	2018
Master class Urban Management	

University of Amsterdam, the Netherlands

Guest lecturer Social Neuroscience class	2018,2019
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Stanford University, CA, USA

Guest lecturer Brain and Decision class	2016
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Erasmus University Rotterdam, the Netherlands

Supervisor Master theses	2008-2013
Supervisor Bachelor theses	
Lecturer Neuroeconomics minor	

University of Amsterdam, the Netherlands

Introductory course in Psychology	2005,2007
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Grants, prizes, and honors

The Netherlands Organisation for Health Research and Development (ZonMW) (PI)

Grant to investigate the gap between professional knowledge and the latest scientific insights on poverty alleviation, in collaboration with the Amsterdam University of Applied Sciences, Leiden University, and University of Applied Sciences Utrecht (€47.780)	2017
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Dutch Ministry of Social Affairs and Employment (SZW) (PI)

Grant to implement interventions to combat poverty, in collaboration with the Amsterdam University of Applied Sciences, Leiden University, National Institute for Family Finance Information (NIBUD), software company Guardians and Behavioral Insights Team NL (€346.783)	2017
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Dutch Ministry of Social Affairs and Employment (SZW) (co-author)

Grant to implement interventions to combat poverty, in collaboration with the Amsterdam University of Applied Sciences and Dutch housing corporations De Key and Rochdale (€315.391)	2015
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Society of Neuroeconomics Annual Meeting

2014

Erasmus University Rotterdam 2010
Honorary mention PhD of the Year

Vereniging Trustfonds Erasmus University Rotterdam 2010
Scholarship to fund research visit to University of Arizona, Tucson

Dutch Organisation for Scientific Research (NWO) 2007
Cognitive Science Pilot Project grant

University of Amsterdam 2006
Master thesis award nomination

Dutch private foundations 2006
Scholarships to fund Research Master internship at the University of California, Davis
Funds: Dutch Brain association, Foundation of the Vrijvrouwe van Renswoude, Dr. Hendrik Müller's
Vaderlandsch foundation

Invited talks for academic audiences

Leiden University, Leiden, the Netherlands 2019
Think tank about energy poverty for honor students

Tilburg University, Tilburg, the Netherlands 2019
Workshop on determinants and consequences of poverty

Leiden Institute for Brain and Cognition (LIBC), Leiden, the Netherlands 2019
Annual LIBC Member day

University of Applied Sciences Amsterdam, the Netherlands 2018
Conference on the impact of Universities of Applied Sciences

Vitznau, Switzerland 2017
4th Lake Lucerne Neurofinance conference

Stanford University, CA, USA 2015
Affective Science seminar, Psychology department

Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany 2014
Social Neuroscience lab of Prof. Tania Singer

Symposia organized

30th Association for Psychological Science Annual Convention, San Francisco, USA 2018

Oral conference presentations

Association for Psychological Science Annual Convention, San Francisco, USA	2018
Society for Neuroeconomics Annual Meeting, Toronto, Canada	2017
Association for Social Psychologists (ASPO) conference, Amsterdam, the Netherlands	2017
European Association of Social Psychology (EASP), UvA, the Netherlands	2014
Subjective Probability, Utility and Decision Making conference (SPUDM), University of Navarra, Barcelona, Spain	2013
9 th Invitational Choice Symposium, Noordwijk, The Netherlands	2013
Society for Neuroeconomics Annual Meeting, Miami, Florida, USA	2012
NeuroPsychoEconomics Conference, Rotterdam, The Netherlands	2012
Social and Affective Neuroscience Society Conference, New York City, USA	2012
NeuroPsychoEconomics Conference, Copenhagen, Denmark	2010

Reviewer for

Academic articles	2009-current
Nature Human Behavior, Psychological Science; Social, Cognitive and Affective Neuroscience; The Journal of Neuroscience; NeuroImage, European Journal of Neuroscience; PloS One; Journal of Economic Psychology, Acta Psychologica, Cognitive and Affective and Behavioral Neuroscience, Journal of Cognitive Neuroscience, Neuron, The Journal of Financial Economics	

Conference submissions	2018
Annual convention of Association for Psychological Science 2018	

Grant proposals	2017
The Netherlands Organisation for Health Research and Development (ZonMW)	

Invited talks and workshops for non-academic audiences

Nibud conference, Utrecht, the Netherlands	2019
Workshop about the development of an online platform for questions about finances and debts	

De Balie, Amsterdam, the Netherlands	2019
Panel conversation with the Amsterdam city council member on poverty and education	

Municipality of Amsterdam, Amsterdam, the Netherlands	2019
Talk on the impact of poverty on brain development	

Municipality of Utrecht, Utrecht, the Netherlands	2019
Workshop on the impact of poverty on brain development	

Meeting for volunteers active in debt support (CCIV), Bussum, the Netherlands	2019
Invited talk on the impact of poverty on brain and behavior	

Conference 'De Aanpak van Problematische Schulden', Utrecht, het Netherlands	2018
Invited talk on the effects of poverty on cognitive functioning and brain development	

Expert meeting on illiteracy, Stichting Lezen & Schrijven, The Hague, the Netherlands Invited talk on the effects of poverty on cognitive functioning and brain development	2018
Expert meeting on Universal Basic Income, Dutch Women's Lobby, The Hague, The Netherlands Workshop on the impact of poverty on brain development	2018
Nibud conference, Utrecht, the Netherlands Workshop on the impact of poverty on brain development	2018
Conference Behavioural Insights Team, Dutch government, The Hague, The Netherlands Workshop on the impact of poverty on brain development	2017
Conference Poverty Interventions, Amsterdam University of Applied Sciences, the Netherlands Workshop on financial problems among Dutch youth	2017
Dutch government, The Hague, The Netherlands Invited talk on how fMRI can and cannot contribute to developing policy campaigns	2014
Conference Poverty Intervention, Amsterdam University of Applied Sciences, the Netherlands Invited talk on the effect of scarcity on decision-making	2014
Conference DIVOSA Utrecht, The Netherlands Workshop on behavioral change for managers working in social services	2014
Conference Knowledge platform Work and Income (KWI), Utrecht, The Netherlands Workshop on behavioral change for managers working in social services	2014
Future for Life, Radboud University, The Netherlands Masterclass on the brain for minority children from disadvantaged areas	2014
Bellevue Theater, Amsterdam, The Netherlands Q&A about hormone oxytocin at Theatre show 'Oxytocin'	2013
Conference, Dutch foundation for Scientific Research on Commercial Communication (SWOCC), Amsterdam, The Netherlands Invited talk on consumer decision-making and the brain	2013
Stadsschouwburg (city theatre), Rotterdam, The Netherlands Invited talk for being selected as PhD defense of the month	2013
Film & Science Festival, Institut Français, Science center NEMO, Amsterdam, The Netherlands Invited talk about the neural underpinnings of consumer decision-making	2012

Blogs

Behavioralscientist.org Article on Poverty and the Developing Brain	2017
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Volkskrantbanen.nl

Biweekly blogs about the brain and consumer decision-making

2007-2008

Media interviews & research coverage

TV

Studio MAX live – Dutch daily news show

2014

Labyrint – Dutch science program

2011

Radio

Sleutelstad FM, Science071 – Science show, The Netherlands

2018

BBC 1 – Science show, UK

2012

The Naked Scientists – Science program University of Cambridge, UK

2010

Evers staat op – Morning show radio 538, The Netherlands

2010

Newspapers & magazines

Erasmus University Discovery – Online platform for novel research, the Netherlands

2018

Psychologie – Popular science magazine, the Netherlands

2018

Brainpost – Online science platform, USA

2018

Suddeutsche Zeitung – Daily newspaper, Germany

2018

EOS science – Online science platform, the Netherlands

2018

Nederlands Dagblad – Daily newspaper, the Netherlands

2018

News letter Leiden University – University news letter, the Netherlands

2018

De Volkskrant – Daily newspaper, the Netherlands

2014

Vox – University magazine, Radboud University Nijmegen, the Netherlands

2011

Ideas for Leaders – Online platform for business school research, the Netherlands

2013

B4U – Science magazine for high schools, the Netherlands

2010

RAAK – Magazine for event management, the Netherlands

2010

Op-eds

Sociale vraagstukken.nl: Dutch online platform for discussion about societal issues

Grip op je knip: voor mensen met schulden en een licht verstandelijke beperking

2019

Straffen schenkt voldoening, en kan leerzaam zijn

2018

Inkomensvoorzieningen zijn voor veel armen te gecompliceerd

2017

Scholieren belonen met een zeilcruise van 8000 euro, dat kan handiger

2014

Conformisme is een handig beleidsinstrument

2013

NRC Opinie & Debat: Dutch newspaper

About the use of incentives at schools

2014