

Curriculum Vitae

Personal Information

Name: Roel Willems, PhD
Contact Address: Donders Institute for Brain Cognition and Behaviour
Radboud University Nijmegen
P.O. Box 9101 // 204
6500 HB Nijmegen
The Netherlands
Date of Birth: 29-02-1980
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Education / Work experience

April 2011 – present Senior researcher Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, The Netherlands & Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

April 2009 – April 2011

Post-Doctoral researcher at Helen Wills Neuroscience Institute / Department of Psychology, University of California Berkeley, USA, funded by Dutch Science Foundation (NWO) Rubicon grant and the Niels Stensen Foundation

Sept 2007 – April 2009

Post-Doctoral researcher at Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, The Netherlands in project *Neural basis of human communication*, funded by European Research Council, with Prof. Toni

Sept 2003 – Sept 2007

PhD studentship at Donders Centre for Cognitive Neuroimaging, Radboud University Nijmegen, The Netherlands in project *The neurophysiology of communication: The integration of gesture and speech*, funded by Dutch Science Foundation (NWO), with Prof. Hagoort and Prof. Özyürek. The PhD thesis was awarded with a *cum laude* judicium, which occurs only for the upper 10% of graduate theses in The Netherlands

Sept 1998 – Sept 2003

Psychology with Specialization in Biological Developmental Psychology, Maastricht University, The Netherlands with Master's thesis *Neuronal correlates of visibility in early visual areas: A case study in fMRI* under supervision of Dr. Schwarzbach and Prof. Goebel. The thesis was awarded the highest grade possible (10 in the Dutch 1-10 system)

Sept 2001 – Feb 2002

Exchange program with Psychology department, Loughborough University, UK, European Union funded *Erasmus* program

Sept 2000 – Sept 2001

Cultural Sciences, Maastricht University, The Netherlands

Grants / Prizes

NWO (Dutch Organization for Scientific Research) *Vidi* grant (5 years), *Effects of sensori-motor and emotional simulation on aesthetic appreciation of literary narratives*, 2015

NWO (Dutch Organization for Scientific Research) *Rubicon* grant (2 years), 2009

Niels Stensen Foundation research grant (1 year), 2009

Fellowship *Sage Summer Institute* Cognitive Neuroscience, Santa Barbara, USA, 2009

NWO poster prize for best poster in *Cognition* program, 2006

Fellowship workshop *Conceptual Neuroscience*, Para Limes Institute, Wageningen, The Netherlands, 2007

Travel grant Program of European Neuroscience Schools (PENS) and Hertie Foundation winterschool *Brain Basis of Social Interaction, from Concepts to Imaging*, Kitzbuehl, Austria, 2006

Travel grant Federation of European Neuroscience Societies (FENS) Neurotrain summerschool *Advanced Technologies in Brain Functions and Dysfunctions*, Vienna, Austria, 2006

Fellowship workshop *Phylogeny and Ontogeny of Human Communication*, Ferrara, Italy, 2005

Committees and academic service

PhD mentor of approximately 25 PhD candidates at Donders Institute. I functioned as an ombudsperson for PhD students, monitoring their progress and serving as a contact point for advice, 2012-2014

Contact person *Scientific Integrity* for Donders Centre for Cognitive Neuroimaging. I serve as a first contact point for employees for issues related to scientific integrity; 2012-present

Member *exam committee* Research MSc program Cognitive Neuroscience, Radboud University Nijmegen, 2014-present

Review editor *Frontiers in Human Neuroscience*, 2014-present

Organizer symposium *A Neurobiology of Natural Language Use?*, Annual meeting of the Society for the Neurobiology of Language, Amsterdam, The Netherlands, 2014

Lecturer LOT (Graduate schools in Linguistics) Summerschool *Brain and Language*, 2014

Co-organizer workshop *Converging Evidence? Embodied Views of Basic Categories in Language and Cognition*, Annual Conference of the German Linguistics Society, Marburg University, Marburg/Lahn, Germany, 2014

Discussant *Relations in Relativity* workshop, Max Planck Institute for Psycholinguistics, Nijmegen, 2012

Member Grant committee *TopTalent* grants, Radboud University Nijmegen, 2012, 2013

Organizer *Donders Beyond Borders* lecture series. In this lecture series I invite Nijmegen scholars from the Humanities and from the Natural Sciences to give a lecture at the Donders Institute, 2012-present

Course Coordinator *Neurobiology and Evolution of Language*, MSc program Cognitive Neuroscience, Radboud University Nijmegen, The Netherlands, 2011-present

Panel member Symposium on *Free Will and the Neurosciences*, Student association Cultural Sciences, Open University, Nijmegen, The Netherlands, 2011

Expert Interviewee *EU report Neurodevices*, Rathenau Institute, Den Haag, The Netherlands, 2011

Committee Member *Data Archiving and Scientific Integrity*, Donders Institute, Nijmegen, 2011

Committee member *Data Archiving and Lab Protocols taskforce*, Max Planck Institute for Psycholinguistics, Nijmegen, 2011

Member *Employee Council* Donders Centre for Cognitive Neuroimaging, Nijmegen, 2011-2013

Co-organizer symposium *The Simulating Brain*, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The Netherlands, 2008

Panel member *Philosophy of Science*, St. Ludger College Doetinchem, The Netherlands, 2007

Organizer symposium *New Insights into Neural Simulation*, Dutch Endo Neuro Psycho (ENP) Meeting, Doorwerth, The Netherlands, 2008

Organizer symposium *Links between Language and Action: A multi-disciplinary Approach*, Dutch Endo Neuro Psycho (ENP) Meeting, Doorwerth, The Netherlands, 2005

Speaker *The Neurosciences and Consciousness*, Natural Sciences Faculty, Utrecht University, The Netherlands, 2005

Peer review

I am a reviewer for: *Acta Psychologica*, *Brain and Language*, *Brain*, *Brain and Cognition*, *Brain Research*, *Cerebral Cortex*, *Cognition*, *Cognitive Science*, *Cortex*, *Developmental Science*, *Experimental Brain Research*, *Frontiers in Neuroscience*, *Frontiers in Psychology*, *Gesture*, *Human Brain Mapping*, *Journal of Cognitive Neuroscience*, *Journal of Experimental Psychology*, *The Journal of Neuroscience*, *Journal of Nonverbal Behaviour*, *Language and Cognition*, *Language and Linguistics Compass*, *Neuroimage*, *Neuropsychologia*, *PLoS ONE*, *Psychophysiology*, *Social Cognitive and Affective Neuroscience*

Supervision

Franziska Hartung (PhD MPI Nijmegen, 2016)

Richard Kunert (PhD MPI Nijmegen, 2016)

Flora Vanlangendonck (PhD Donders Institute Nijmegen, 2016)

Kristijan Armeni (MSc Nijmegen, 2016)
Sophie de Grauwe (PhD Donders Institute Nijmegen, 2015)
Jana Schulze (MSc Nijmegen, 2015)
Juan de Pablo (MSc Tilburg, 2015)
Emiel van den Hoven (MSc Tilburg, 2014)
Dalya Samur (MSc Nijmegen, 2013)
Peter de Best (MSc Utrecht, 2013)
Annabel Nijhof (MSc Nijmegen, 2013)
Laura Kaltwasser (MSc Berlin / Berkeley, 2011)
Aaron Moss (BA Berkeley, 2011)
Martin Laverman (MSc Utrecht, 2009)
Miriam de Boer (MSc Nijmegen, 2008)

Skills

Acquisition and data analysis of fMRI, EEG, MEG, GSR, eye tracking, and reaction time data

Computer skills: Matlab, R, SPM (fMRI data analysis), FieldTrip (M/EEG data analysis), SPSS

Project management (course certificate), several courses related to management in 2-year 'Academic Leadership' program (Radboud University, 2015)

Teaching

Neurobiology and Evolution of Language (Master's program Cognitive Neuroscience, Radboud University Nijmegen) *Course coordinator*, 2011-present

Trends in Cognitive Neuroscience (Master's program Cognitive Neuroscience, Radboud University Nijmegen) *Lecturer*, 2011-present

Radboud Summerschool Cognitive Neuroscience *Lecturer*, 2014-present

Basic Statistics and Diagnostics (Master's program Molecular Life Sciences Hogeschool Arnhem-Nijmegen) *Lecturer*, 2012-present

Invited lectures (selection)

1. **Willems, R. M.** (2015). Mental simulation during literary reading. *Language in Context, an Ecological Turn to Embodied Language*, University College London, UK
2. **Willems R. M.** (2015). Experimental insights into simulation during literature comprehension. *Utrecht Institute of Linguistics, Utrecht, The Netherlands*
3. **Willems, R. M.** (2015). How does experience with fiction influence connectivity in the neural language and mentalizing networks? *IGEL symposium Literature and Empathy, Goettingen, Germany*
4. **Willems, R. M.** (2015). Image and style during literary reading. *Student Symposium Dutch, Nijmegen, The Netherlands*
5. **Willems, R. M.** (2015). Language and human uniqueness. *Descartes Lecture, Utrecht University Honours Program, Utrecht, The Netherlands*

6. **Willems, R. M.** (2014). A neurobiology of naturalistic language use? *Society for the Neurobiology of Language meeting, Amsterdam, The Netherlands*
7. **Willems, R. M** & Nijhof, A. D. (2014). Simulating fiction: Individual differences in simulation during literature comprehension revealed with fMRI. *Embodied and Situated Language Comprehension, Rotterdam, The Netherlands*
8. **Willems, R. M.** (2014). Can cognitive neuroscience inform us about narrative comprehension? *Max Planck Institute for Experimental Aesthetics, Frankfurt, Germany*
9. **Willems, R. M.** (2014). What can cognitive neuroscience tell about narrative comprehension (and vice versa)? *SMART Cognitive Science colloquium, University of Amsterdam, The Netherlands*
10. **Willems, R. M.** (2014). Simulation during narrative comprehension. *MPI lunch talk, Max Planck Institute Nijmegen, The Netherlands*
11. **Willems, R. M.** (2014). Simulation in language comprehension. *Centre for Mind and Brain Sciences (CIMeC), University of Trento, Italy*
12. **Willems, R. M.** (2014). Embodied language comprehension: Insights from cognitive neuroscience. *Heinrich Heine University Duesseldorf, Germany*
13. **Willems, R. M.** (2013). The power of studying left-handers in cognitive neuroscience. *Netherlands Institute for Arts and Social Sciences (NIAS) Symposium, Wassenaar, The Netherlands*
14. **Willems, R. M.** (2013). Simulating fiction: Individual differences in literature comprehension revealed with fMRI. *External evaluation of Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands*
15. **Willems, R. M.** (2013). Can we study literature comprehension neuroscientifically? *Van Dalen Lab, ING Huygens Institute, Den Haag, The Netherlands*
16. **Willems, R. M.** (2013). Can literature be studied with neuroscience methods? *Expert meeting Brain, Art and Education, Stichting Lezen, Amsterdam, The Netherlands*
17. **Willems, R. M.** (2013). New insights into language asymmetry: neuroimaging results from left-handers. *Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands*
18. **Willems, R. M.** (2011). How is language embodied? *Embodied Language symposium, New College, Oxford University, UK*
19. **Willems, R. M.** (2011). Embodied language understanding as a three pipe problem. *Linguistics Department, New York University, USA*
20. **Willems, R. M.** (2011). Brain & Language. *Graduate school for the Neurosciences, Amsterdam and Rotterdam, Netherlands Institute for Neuroscience, Amsterdam, The Netherlands*

21. **Willems, R. M.**, Labruna, L., D'Esposito, M., Ivry, R. & Casasanto, D. (2010). A functional role for the motor system in language understanding. *Annual meeting of Society for Neuroscience (SfN), San Diego, USA*
22. **Willems, R. M.** (2010). Embodied language? *Department of Psychology, UC Davis, USA*
23. **Willems, R.M.** (2010). Embodied language understanding. *Caramazza lab, Harvard University, Cambridge, MA, USA*
24. **Willems, R. M.** (2010). A role for the motor system in action language understanding. But what role? *Joint meeting of embodied and situated language processing workshop (ESLP) and Conceptual, structure discourse and language conference (CSDL), UC San Diego, USA*
25. **Willems, R. M.** (2010). Individual differences in fMRI: The end of group analyses? *Neuroimaging Seminar Series, UC Berkeley, USA*
26. **Willems, R. M.** (2009). Embodied language understanding. *Ivry lab group meeting, UC Berkeley, USA*
27. **Willems, R.M.** (2008). Modulatory and integrative roles for left IFG in integrating language and action information. *Neurocog conference, Ghent University, Ghent, Belgium*
28. **Willems, R. M.** (2008). Simulation in the brain: An empirical perspective. *Workshop 'Low-level simulation', Philosophy Department, Radboud University Nijmegen, The Netherlands*
29. **Willems, R. M.** (2008). Integrating meaning from language and action. *Institute for Cognitive Neuroscience, University College London, UK*
30. **Willems, R. M.** & Bekkering, H. (2008). What and when do we simulate? Workshop *The simulating brain, Radboud University Nijmegen, The Netherlands*
31. **Willems, R. M.** (2008). Meaning in language and action. *Lab talk D'Esposito lab, UC Berkeley, USA*
32. Noordzij, M. L. & **Willems, R. M.** (2008). Brain mechanisms underlying human communication. *External Review meeting Joint Action Science and Technology project, Nijmegen, The Netherlands*
33. **Willems, R. M.** (2008). Meaning in language, action and vision: Neural perspective on multimodal integration during language comprehension. *External evaluation of MPI Nijmegen, The Netherlands*
34. **Willems, R. M.** (2007). Embodied action understanding in the motor system: Evidence from left- and right-handers. *Eleventh Winter Conference of the Dutch Society for Psychonomics (NVP), Egmond aan Zee, The Netherlands*
35. Özyürek, A. & **Willems, R. M.** (2006). Neural correlates of speech and gesture comprehension: Insights from ERPs and fMRI. Workshop *Neurocognition of Gesture Processing, Max Planck Institute for Human Cognitive and Brain Sciences Leipzig, Germany*
36. **Willems, R. M.** (2006). When language meets action: Neural correlates of speech and gesture comprehension. Workshop *Embodied Communication in Humans and Machines, Centre for*

Interdisciplinary Research (ZiF) Bielefeld, Germany

37. **Willems, R. M.** (2006). Detection power and estimation efficiency in fMRI design. *Advanced Toolkit of Cognitive Neuroscience: fMRI Data Analysis, F. C. Donders Centre for Cognitive Neuroimaging, Nijmegen, The Netherlands*
38. **Willems, R. M.** (2006). Semantic information from pictures and words in a sentence context: Combined evidence from ERPs and fMRI. *Fifth Dutch Endo Neuro Psycho (ENP) Meeting, Doorwerth, The Netherlands*
39. **Willems, R. M.** (2006). Neural integration of linguistic and action information in language comprehension. *Fifth Dutch Endo Neuro Psycho (ENP) Meeting, Doorwerth, The Netherlands*
40. **Willems, R. M.** (2005). Neural integration of semantic information from actions, verbs and pictures in inferior frontal cortex. *Tenth Winter Conference of the Dutch Society for Psychonomics (NVP), Egmond aan Zee, The Netherlands*

List of publications

1. Van den Hoven, E., Hartung, F., Burke, M. & **Willems, R. M.** (in revision). Individual differences in sensitivity to style during literary reading: Insights from eye-tracking
2. Hartung, F., Burke, M., Hagoort, P. & **Willems, R. M.** (in revision). Taking perspective: Personal pronouns affect experiential aspects of literary reading
3. **Willems, R. M.**, Frank, S. L., Nijhof, A. D., Hagoort, P., & Bosch, A. van den. (2015). Prediction During Natural Language Comprehension. *Cerebral Cortex*, online ahead of print
4. **Willems, R. M.**, ed. (2015). *Cognitive Neuroscience of Natural Language Use*. Cambridge, UK: Cambridge University Press
5. **Willems, R. M.** (2015). Cognitive Neuroscience of Natural Language Use: Introduction. In Willems, R. M. (ed.) *Cognitive Neuroscience of Natural Language Use*, Cambridge, UK: Cambridge University Press
6. De Grauwe, S., Lemhöfer, K., **Willems, R. M.** & Schriefers, H. (2014). L2 speakers decompose morphologically complex verbs: fMRI evidence from priming of transparent derived verbs. *Frontiers in Human Neuroscience* 8, 802
7. **Willems R.M.** & Francks C. (2014) Your left-handed brain. *Frontiers for Young Minds*, 2, 13
8. Guadalupe, T., **Willems, R. M.**, Zwiers, M. P., Arias Vasquez, A., Hoogman, M., Hagoort, P., ... Francks, C. (2014). Differences in cerebral cortical anatomy of left- and right-handers. *Frontiers in Cognition*, 5, 261
9. **Willems, R. M.**, van der Haegen, L., Fisher, S. E., & Francks, C. (2014). On the other hand: including left-handers in cognitive neuroscience and neurogenetics. *Nature Reviews Neuroscience* 15(3), 193-

10. De Grauwe, S., **Willems, R. M.**, Rüschemeyer, S.-A., Lemhöfer, K., & Schriefers, H. (2014). Embodied language in first- and second-language speakers: Neural correlates of processing motor verbs. *Neuropsychologia* 56, 334-349
11. **Willems, R. M.** (2013). Can literary studies contribute to cognitive neuroscience? *Journal of Literary Semantics*, 42(2), 217-222
12. De Boer, M., Toni I., & **Willems, R. M.** (2013). What drives successful communication? *Frontiers in Human Neuroscience*, 622
13. Kaltwasser, L., Ries, S., Sommer, W., Knight, R. T., & **Willems, R. M.** (2013). Independence of valence and reward in emotional word processing: electrophysiological evidence. *Frontiers in Psychology*, 4, 168
14. **Willems, R. M.** & Francken, J. C. (2012). Embodied Cognition: Taking the next step. *Frontiers in Psychology*, 3, 582
15. **Willems, R. M.**, Labruna, L., D'Esposito, M., Ivry, R. & Casasanto, D. (2011). A functional role for the motor system in language understanding: Evidence from theta burst TMS *Psychological Science*, 22(7), 849-854
16. **Willems, R. M.** & Casasanto, D. (2011). Flexibility in embodied language understanding. *Frontiers in Psychology*, 2, 116
17. **Willems, R. M.**, Benn, Y., Hagoort, P., Toni, I. & Varley, R. A. (2011). Communicating without a functioning language system: Implications for the role of language in mentalizing. *Neuropsychologia*, 49(11), 3130-3135
18. **Willems, R. M.** (2011). Re-appreciating the 'why' of cognition: 35 years after Marr and Poggio. *Frontiers in Psychology*, 2, 224
19. Ebisch, S. J., Gallese, V., **Willems, R. M.**, Mantini, D., Groen, W. B., Romani, G. L., Buitelaar, J. K., & Bekkering H. (2011). Altered intrinsic functional connectivity of anterior and posterior insular regions in high-functioning participants with autism spectrum disorder. *Human Brain Mapping*, 32(7), 1013-1028
20. **Willems, R.M.**, Clevis, K. & Hagoort, P. (2011). Add a picture for suspense: Neural correlates of the interaction between language and visual information in the perception of fear. *Social, Cognitive and Affective Neuroscience*, 6(4), 404-416
21. **Willems, R. M.**, & Varley, R. A. (2010). Neural insights into the relation between language and communication. *Frontiers in Human Neuroscience*, 4, 203
22. **Willems, R. M.**, Peelen, M. V. & Hagoort, P. (2010). Cerebral lateralization of face-selective and body-selective visual areas depends on handedness. *Cerebral Cortex*, 20(7), 1719-1725

23. **Willems, R. M.**, Toni, I., Hagoort, P. & Casasanto, D. (2010). Neural dissociations between action verb understanding and motor imagery. *Journal of Cognitive Neuroscience*, 22(10), 2387-2400
24. **Willems, R. M.**, De Boer, M., De Ruiter, J.P., Noordzij, M. L, Hagoort, P. & Toni, I. (2010). A cerebral dissociation between linguistic and communicative abilities in humans. *Psychological Science*, 21(1), 8-14
25. **Willems, R. M.**, Hagoort, P. & Casasanto, D. (2010). Body-specific representations of action verbs: Neural evidence from right- and left-handers. *Psychological Science*, 21(1), 67-74
26. Rueschemeyer, S.-A., van Rooij, D., Lindemann, O., **Willems, R. M.**, & Bekkering, H. (2010). The function of words: Distinct neural correlates for words denoting differently manipulable objects. *Journal of Cognitive Neuroscience*, 22(8), 1844-1851
27. **Willems, R. M.**, & Hagoort, P. (2010). Cortical motor contributions to language understanding. In Hermer-Vazquez (Ed.) *Reciprocal interactions among early sensory and motor areas and higher cognitive networks*, Research Signpost Press
28. **Willems, R. M.**, Toni, I., Hagoort, P. & Casasanto, D. (2009). Body-specific motor imagery of hand actions: Neural evidence from right- and left-handers. *Frontiers in Human Neuroscience*, 3, 39
29. **Willems, R. M.**, Özyürek, A., & Hagoort, P. (2009). Differential roles for pSTS and LIFG in neural integration of action and language information. *Neuroimage*, 47, 1992-2004
30. **Willems, R. M.**, & Hagoort, P. (2009). Hand preference influences neural correlates of action observation. *Brain Research*, 1269, 90-104
31. Hagoort, P., Baggio, G., & **Willems, R. M.** (2009). Semantic unification. In Gazzaniga (ed.) *The Cognitive Neurosciences IV*, Cambridge, MA: MIT press
32. **Willems, R. M.** & Hagoort, P. (2009). Broca's region: Battles are not won by ignoring half of the facts. *Trends in Cognitive Sciences*, 13(3), 101
33. de Lange F. P., Spronk M., **Willems R. M.**, Toni I., & Bekkering H. (2008). Complementary systems for understanding action intentions. *Current Biology*, 18(6), 454-457
34. **Willems, R. M.**, Özyürek, A., & Hagoort, P. (2008). Similar neural correlates for the integration of words and pictures at the sentence level: Evidence from ERPs and fMRI. *Journal of Cognitive Neuroscience*, 20(7), 1235-1249
35. **Willems, R. M.**, Oostenveld, R., & Hagoort, P. (2008). Early decreases in alpha and gamma band power distinguish linguistic from visual information during spoken sentence comprehension. *Brain Research*, 1219, 78-90
36. **Willems, R. M.**, Özyürek, A., & Hagoort, P. (2007). When language meets action: The neural integration of gesture and speech. *Cerebral Cortex*, 17(10), 2322-2333
37. Özyürek, A., **Willems, R. M.**, Kita, S., & Hagoort, P. (2007). On-line integration of semantic

information from speech and gesture: Insights from event-related brain potentials. *Journal of Cognitive Neuroscience* 19(4), 605-616

38. **Willems, R. M.**, & Hagoort, P. (2007). Neural evidence for the interplay between language, gesture and action: A review. *Brain and Language*, 101(3), 278-298

39. **Willems, R. M.** (2007). The neural construction of a Tinkertoy. *Journal of Neuroscience* 27(7), 1509-1510 [*'Journal club' review*]

Public Outreach

I have taken part in public outreach of my research to (list with examples below): High school students, student associations, Scientific American, The Observer, International newspapers (de Volkskrant, Trouw, NRC Handelsblad, de Gelderlander, Eindhovens Dagblad, Nederlands Dagblad, Het Belang van Limburg, de Standaard, de Stentor, de Pers, Neue Züricher Zeitung), National TV (NTR Pavlov; Editie NL), Omroep Gelderland TV, National radio (Radio 4, Radio 1, Radio 5, Radio 538, Radio Decibel, HoeZo NTR Radio), www.hettaligebreain.nl (popular science blog), KIIJK! Magazine, Nature podcast, Quest Magazine, Biowetenschappen en maatschappij.

I take part in yearly events to present science at high schools (e.g. Brain awareness week)

In the Media

'Word je een beter mens van boeken lezen?' Het talige brein blog

Interview Radio 1: Verhalen in het brein

'Elk brein reageert anders op verhalen', De Volkskrant

'Linkshandigheid' KIIJK Live event, Beurs van Berlage Amsterdam

'Bij linkshandigen is veel meer te ontdekken dan we doorhebben'. Interview KIIJK Magazine (April 2014)

'Forschung mit Rechtsdrall' Interview Neue Züricher Zeitung (March 2014)

'Left out', Nature Podcast (February 2014)

'Negeer linkshandige niet langer', Telegraaf, de Stentor, Eindhovens Dagblad, de Gelderlander (February 2014)

'Grunberg en creativiteit', Nederlands Dagblad, (December 2013)

'Linkshandigen', Radio 1 (September 2013)

'De voor- en nadelen van linkshandigheid', de Volkskrant (August 2013)

'Knuffelen ging vooraf aan praten', de Volkskrant (October 2012)

Pavlov (NTR, national TV science program), on dyslexia (2012)

'De kettingvraag', HoeZo NTR radio (2012)

Pavlov (NTR, national TV science program), on music and the brain (2012)

'Meten met een badmuts vol gaatjes', Dagblad Trouw on Brain Awareness Week masterclass (2012)

Quest Psychologie (science magazine): Left-handedness (2011)

Bio-wetenschappen en Maatschappij, Issue 'Mens 2.0' *Robot moet niet leren praten, maar communiceren* (2011)

Het Belang van Limburg (Belgian newspaper): Left-handedness (2011)

Evers staat op (Radio show) on left-handedness (2010)

The Observer: Embodied meaning (2010)

De Volkskrant (national newspaper): Taal en gebaar zijn goede vrienden (2009) [on gesture]

De Pers, de Volkskrant, NRC, de Gelderlander, de Standaard (national newspapers):

'Linkshandigen hebben echt andere hersenen' (2009) [on left-handedness]

Scientific American (science magazine): Language and gestures (2007)

Teleac 'De Kettingvraag' (Radio show) (2007)