

C.V. LOUISA BOGAERTS

Associate Professor & Principal Investigator

Department of Experimental Psychology
Ghent University, Belgium

✉ louisa.bogaerts@ugent.be

On the web: bogaertslab.com
researchgate.net/profile/Louisa_Bogaerts

🌸 OSF profile: osf.io/trkpz
🐦 @BogaertsLouisa

RESEARCH INTERESTS Psycholinguistics, language acquisition, reading, language disabilities (dyslexia, aphasia)
Statistical (implicit) learning, attention, short-term memory, consolidation, and their relation to linguistic abilities
Individual differences, psychometrics & task development

EDUCATION **PhD in Psychology**, Ghent University, Belgium *Oct 2011 – Sept 2015*
Thesis: [The involvement of serial-order memory in reading \(dis\)ability](#)
Advisor: Prof. Wouter Duyck, Co-advisor: Prof. Arnaud Szmalec

Master of Science in Psychology, Theoretical and Experimental Psychology, Ghent University *Sept 2009 – June 2011*
Summa cum laude (ranked first)
Master dissertation: [Syntactic priming in bilingual aphasia](#)
Supervisor: Prof. Wouter Duyck

Bachelor in Psychology, Ghent University *Sept 2006 – June 2009*
Summa cum laude (ranked first)

General secondary education, Latin-math *Sept 2000 – June 2006*

ACADEMIC EXPERIENCE

RESEARCH

Assistant Professor & Principle investigator, Department of Experimental Psychology, Ghent University *Jan 2022-Present*

Postdoctoral researcher, Department of Experimental and Applied Psychology, Vrije Universiteit Amsterdam, The Netherlands *Feb 2020 – Present*
Project title: [What to expect when you are not expecting it: How implicit regularities drive attentional selection](#)
Host: Prof. Jan Theeuwes

Postdoctoral researcher & Marie Curie fellow, The Verbal Information Processing Lab, The Hebrew University of Jerusalem, Israel *Sept 2016 – Jan 2020*
Project title: [Statistical learning and second language acquisition: Individual differences and neurobiological underpinnings](#)
Host: Prof. Ram Frost

Postdoctoral researcher Laboratoire de Psychologie Cognitive-CNRS, Aix-Marseille University, Marseille, France *Nov 2015 – Sept 2016*
Project title: [The temporal dynamics of regularity learning](#)
Host: Dr. Arnaud Rey

Aspirant researcher (PhD) Fund Scientific Research Flanders, Department of Theoretical and Experimental Psychology, Ghent University *Oct 2011 – Sept 2015*
Thesis: [The involvement of serial-order memory in reading \(dis\)ability](#)
Advisor: Prof. Wouter Duyck, Co-advisor: Prof. Arnaud Szmalec

Visiting Scholar at The Hebrew University of Jerusalem *Oct – Nov 2014*
Collaboration with Prof. Ram Frost & Noam Siegelman

Visiting Scholar at Haskins Laboratories - Yale University, New Haven, USA *Sept – Dec 2013*
Collaboration with Prof. Kenneth Pugh, Prof. Jay Rueckl, & Dr. Stephen Frost

Intern at Laboratoire Psychologie de la Perception - Université Descartes, Paris, France *Sept 2010 – Feb 2011*

Student job as experimenter, Department of Experimental Clinical and Health Psychology, Ghent University *Oct 2008 – July 2011*

TEACHING

University Teaching Qualification (BKO), Vrije Universiteit Amsterdam	2021
Certificate of teaching skills and pedagogic competences for lecturers in Dutch academic education	
Course coordinator & lecturer (BSc level) ‘Sensation and Perception’, Vrije Universiteit Amsterdam	2021
Lecturer (BSc level) ‘Cognitive Psychology’, Amsterdam University College	2020
External lecturer advanced statistics course (MSc & PhD level) ‘An alternative approach to data analysis: Bayesian statistics and modelling’, The Hebrew University of Jerusalem	2018-2019
Open course materials on osf.io/vzaew/	
Lecturer advanced statistics course (MSc & PhD level) ‘Bayesian Statistics and Mixed-effect models’, The Hebrew University of Jerusalem	2017
Guest lecturer in the ‘Statistical Learning Seminar’ organized by Prof. Ram Frost, The Hebrew University of Jerusalem	2011 – 2014
Yearly guest lecture on memory and language acquisition in BSc course ‘Paradigms and Instruments of Experimental Psychology’ organized by Prof. Wouter Duyck, Ghent University	2011 – 2014
Private tutor in statistics for students with disabilities, vzw Cursief, Ghent, Belgium	Sept 2009 – Sept 2010

ADVISING & MENTORING

PhD guidance (as promotor, co-promotor and postdoc advisor)

Liesa Ravijts, ‘Neural mechanisms underlying statistical learning’ (Ghent University)	Present
Haoyu Zhou, ‘Statistical readers: an individual differences approach’ (Ghent University)	Present
Yavor Ivanov, ‘Statistical learning mechanisms in attentional selection’ (Vrije Universiteit Amsterdam)	Present
Aisu Li, ‘Attentional biases across trials’ (Vrije Universiteit Amsterdam)	Present
Henry Brice, ‘Statistical learning and second language learning’ (Hebrew University)	2016-2019
Noam Siegelman, ‘Individual Differences in Statistical Learning: Measurement, Theory, and Validity’ (Hebrew University)	2016-2018

Master thesis guidance (as promotor, co-promotor)

Xander Cornelis, ‘A cognitive role for spontaneous eye blinks: studying blinks in text reading’ (Ghent University)	Present
Naama Schwartz, ‘Can our ability to learn regularities be trained?’ (Hebrew University)	2017 – 2019
Amit Elazar, ‘Statistical learning and linguistic representations’ (Hebrew University)	2017 – 2019
Aya Keren, ‘The learning of full and quasi-regularities in dyslexia’ (Hebrew University)	2017 – 2018
Muyllé Merel, ‘Implicit learning in children and their advantage in language acquisition: Evidence from speech errors’ (Ghent University)	2015
Marjolijn De Maeyer, ‘Sequential learning across reading levels: An experimental study with beginning readers’ (Ghent University)	2014 – 2015
Nina Dolfen, ‘Does the letter F precede the letter V? And does January precede November? The representation of known sequences in adults with dyslexia’ (Ghent University)	2014 – 2015
Sara Lyon, Laure E. Mahieu, & Aurélie Peeters, ‘Dyslexia in Braille’ (Catholic University of Louvain)	2013 – 2014
Juliette M. Deruad & Lucile Seropian, ‘The acquisition of complex motor sequences in people with dyslexia’ (Catholic University of Louvain)	2013 – 2014
Jana Decuypere, ‘Word blind but also note blind?’ (Ghent University)	2013 – 2014

Bachelor thesis guidance (as advisor)

Matthijs de Raaf, ‘Stronger attentional bias, stronger learning?’ (Vrije Universiteit Amsterdam)	Present
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Mentorship for research interns

Cassi Gewer & Michelle Schechter, ‘EEG indices of statistical learning’ (Hebrew University)	2017
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Advisor in the Action Potential Advising Programme (APAP) of Simply Neuroscience*Present*

APAP connects young neuroscience students with professionals to provide guidance and mentorship
Supporting women and underrepresented groups across the world (advisees in Russia, Indonesia, USA and France)

OTHER**Guest editor** for a special issue in *Journal of Memory and Language*

Issue title: Integrating Statistical Learning into Cognitive Science

*2019***Conference organisation, Scientific and organizing committee** of the International Conference on Interdisciplinary Advances in Statistical Learning*2019, 2022***Conference organisation, program committee** of the Annual meeting of the Cognitive Science Society and TEX2022*2018, 2022***Journal reviewer** for *Cognition, Cognitive Science, Memory & Cognition,**2014 – Present**Journal of Experimental Psychology: Learning Memory and Cognition, Memory,**Journal of Cognitive Neuroscience, Brain Sciences, Neuropsychology, Science Advances,**Philosophical Transactions: B, Biological Psychology Language Learning, Scientific Studies of Reading, Research in Developmental Disabilities, etc.***Grant reviewer** for French National Research Agency (ANR), the German Research Foundation (DFG) and the Israeli Science Foundation (ISF)*2018 – Present***Member of PhD jury** for Jose Aguavivas (Basque Center on Cognition Brain and language), Pieter Verbeke

(Ghent University), Mieke Slim (Ghent University), Klara Schevernels (Catholic University of Leuven)

*2021 – 2022***Blog writer** for vzw Breinwijzer, an independent organization that promotes the dialogue between the general public, policy makers and experts on the topic of cognitive research*2013 – Present***SKILLS RESEARCH****Programming & software tools:** Presentation (Neurobs), Open Sesame (workshop Aix-Marseille University, *Apr 2016*) & Open Sesame OSweb, E-prime, Simulink data acquisition models**Data-analysis:** Classical frequentist approach: R (mixed effect models), Matlab, Statistica, SPSS; Bayesian: JASP, cognitive modeling with JAGS (workshop University of Amsterdam, *Aug 2016*)**Neuroimaging:** Electroencephalography (6 month internship training + Advanced MEG/EEG Fieldtrip tool-kit, Donders Institute, *Apr 2017*), functional MRI (4 month training at Haskins laboratories + Afni bootcamp National Institute of Health, *Dec 2013*)**Other non-invasive physiology:** Eye tracking & pupillometry (SR-research Eye-tracking workshop, Goldsmiths University, *Dec 2018* + Advanced Eye tracking workshop Haifa University, *March 2019*), galvanic skin response, heart rate**Science journalism** course, Thomas More Antwerp – KU Leuven*Feb – June 2014***LANGUAGE****Dutch/Flemish:** Native**English:** Highly proficient in speaking, reading, and writing (University Language Centre, *2009-2010*)**French:** Highly proficient in speaking and reading, good in writing (University Language Centre, *2010*; ADEL Provence, *2015*)**GRANTS,
AWARDS AND
MEMBERSHIPS**Odysseus **Starting grant** Type II, Fund Scientific Research Flanders - FWO (€729,125)*March 2021 – 2016*Individual European **Postdoctoral fellowship**, Marie Skłodowska-Curie (€170,500)*July 2017 – 2019*Personal **Postdoctoral fellowship**, Fyssen Foundation (€95,000 net)*Oct 2015 – Sept 2016*Personal **PhD fellowship**, Fund Scientific Research Flanders - FWO (~€100,000)*Oct 2011 – Sept 2015***Travel grant** for dissemination of results (Canada), Jerusalem Brain Community (\$1,000)*May 2018***Travel grant** for short stay abroad (Israel), Fund Scientific Research Flanders (€2,350)*Oct 2014***Travel grant** for long stay abroad (USA), Fund Scientific Research Flanders (€8,200)*Sept 2013*

Yearly Prize Science Communication of the Royal Flemish Academy of Belgium for Science and Arts, 2015
with vzw Breinwijzer

Prize for scientific work from the German Association for Dyslexia and Dyscalculia for the work
in collaboration with Dr. Wibke Hachmann 2014

Memberships: Fellow of the Psychonomic Society (2017, 2019-2022); Member of the Society for Neuroscience (2020); Associate member of the European Society for Cognitive Psychology (2014, 2017, 2021); Member of the Society for the Neurobiology of Language (2018, 2020)

PUBLICATIONS

Total number of citations: 877; h-index: 15 [Stats from Google Scholar August 4th, 2021]

Selection of 5 articles in bold

PEER-REVIEWED A-1 ARTICLES

1. Elazar, A., Alhama, R., Bogaerts, L., et al. (2022). When the “Tabula” is Anything but “Rasa:” What Determines Performance in the Auditory Statistical Learning Task? *Cognitive Science*, 46(2). DOI: 10.1111/cogs.13102 [impact factor: 2.21]
2. Bogaerts, L., van Moorselaar, D., Theeuwes, J. (2022). Does it help to expect distraction? Attentional capture is attenuated by high distractor frequency but not by trial-to-trial predictability. *Journal of Experimental Psychology: Human Perception and Performance*, 48(3), 246–261. DOI: 10.1037/xhp0000986 [impact factor: 2.33]
3. Li, A., Bogaerts, L., Theeuwes, J. (2022). Statistical learning of across-trial regularities during serial search (in press). *Journal of Experimental Psychology: Human Perception and Performance*, 48(3), 262–274. DOI: 10.1037/xhp0000987 [impact factor: 2.33]
4. de Waard, J., Bogaerts, L., van Moorselaar, D., & Theeuwes, J. (2022). Surprisingly inflexible: statistically learned suppression of distractors generalizes across contexts. *Attention, Perception, and Psychophysics*, 84(2), 459–473. DOI: 10.3758/s13414-021-02387-x [impact factor: 2.19]
5. **Bogaerts, L., Siegelman, N., Christiansen, M. & Frost, R. (2021). Is there such a thing as a "good statistical learner"? *Trends in Cognitive Science*, 26(1), 25-37. DOI: 10.1016/j.tics.2021.10.012 [impact factor: 20.23]**
6. Bogaerts, L., Siegelman, N., & Frost, R. (2020). Statistical learning and language impairments: Towards more precise theoretical accounts. *Perspectives on Psychological Science*. DOI: 10.1177/1745691620953082 [impact factor: 9.31]
7. **Bogaerts, L., Richter, C., & Landau, A.N., & Frost, R. (2020). Beta-band activity is a signature of statistical learning. *Journal of Neuroscience*, 40(39), 7523-7530. DOI: 10.1523/JNEUROSCI.0771-20.2020 [impact factor: 5.67]**
8. Rey, A., Bogaerts, L., Franco, A., & Favre, B. (2020). Speech onset latencies as a window of regularity extraction within noise. *Quarterly Journal of Experimental Psychology*. DOI: 10.1080/17470218.2017.1307432. [impact factor: 2.08]
9. Bogaerts, L., Frost, R., & Christiansen, M. (2020). Integrating statistical learning into cognitive science. *Journal of Memory and Language*, 115, 1-5. DOI: 10.1016/j.jml.2020.104167. [impact factor: 3.89]
10. Siegelman, N., Bogaerts, L., & Frost, R. (2019). What determines visual statistical learning performance? Insights from information theory. *Cognitive Science*, 34(12). DOI: 10.1111/cogs.12803. [impact factor: 2.21]
11. Siegelman, N., Bogaerts, L., Armstrong, B., & Frost, R. (2019). What exactly is learned in visual statistical learning? Insights from Bayesian modelling. *Cognition*, 192. DOI: 10.1016/j.cognition.2019.06.014. [impact factor: 3.29]
12. Pavlidou, E., & Bogaerts, L. (2019). Implicit statistical learning across modalities and its relationship with reading in childhood. *Frontiers in Psychology*, 10. DOI: 10.3389/fpsyg.2019.01834. [impact factor: 2.07]
13. Smalle, E.H.M., Szmalec, A., Bogaerts, L., Page, M.P.A., Narang, V., Misra, D., Lohagun, N., Khan O., Singh, Mishra, R.K. & Huettig, F. (2019). Stronger verbal short-term serial recall abilities in literate compared to illiterate people. *Cognition*, 185, 145-150. DOI: 10.1016/j.cognition.2019.01.012. [impact factor: 3.29]
14. Bogaerts, L., Siegelman, N., Benporat, T., & Frost, R. (2018). Is the Hebb repetition task a reliable measure of individual differences in sequence learning? *Quarterly Journal of Experimental Psychology*, 71(4), 892-905. DOI: 10.1080/17470218.2017.1307432. [impact factor: 2.08]
15. Rey, A., Minier, L., Malassis, R., Bogaerts, L. & Fagot, J. (2018). Regularity extraction across species: associative learning mechanisms shared by human and non-human primates. *Topics in Cognitive Science*, 11(3), 573-586. DOI: 10.1111/tops.12343. [impact factor: 2.51]

16. Siegelman, N., Bogaerts, L., Elazar, A., Arciuli, J., & Frost, R. (2018). Statistical entrenchment: prior knowledge impacts statistical learning performance. *Cognition*, 177, 198-213. DOI: 10.1016/j.cognition.2018.04.011. [impact factor: 3.54]
17. Hung, Y.H., Frost, S.J., Molfese, P., Malins, J.G., Landi, N.W., Mencl, E., Rueckl, J.G., Bogaerts, L. & Pugh, K.R. (2018). Common neural basis of motor sequence learning and word recognition and its relation with individual differences in reading skill, *Scientific Studies of Reading*, 23(1), 89-100. DOI: 10.1080/10888438.2018.1451533. [impact factor: 2.91]
18. Siegelman, N., Bogaerts, L., Kronenfeld, O. & Frost, R. (2017). Re-defining "learning" in statistical learning: what does an online measure reveal about the assimilation of visual regularities? *Cognitive Science*, 42(3), 692-727. DOI: 10.1111/cogs.12556. [impact factor: 2.92]
19. **Bogaerts, L., Siegelman, N., Frost, R. (2016). Splitting the variance of statistical learning performance: A parametric investigation of exposure duration and transitional probabilities. *Psychonomic Bulletin & Review*, 23(4), 1250-1256. DOI: 10.3758/s13423-015-0996-z. [impact factor: 3.64]**
20. **Siegelman, N., Bogaerts, L., Christiansen, M., & Frost, R. (2016). Towards a theory of individual differences in statistical learning. *Philosophical Transactions of the Royal Society – Biology*, 372, 20160059. DOI: 10.1098/rstb.2016.0059. [impact factor: 5.68]**
21. Siegelman, N., Bogaerts, L., Frost, R. (2016). Measuring individual differences in statistical learning: Current pitfalls and possible solutions. *Behavior Research Methods*, 49(2), 418-432. DOI:10.3758/s13428-016-0719-z. . [impact factor: 4.43]
22. **Bogaerts, L., Szmalec, A., De Maeyer, M., Page, M. P. A., Duyck, W. (2016). The involvement of long-term serial-order memory in reading development: A longitudinal study. *Journal of Experimental Child Psychology*, 145, 139-156. DOI:10.1016/j.jecp.2015.12.008. [impact factor: 2.30]**
23. Smalle, E., Bogaerts, L., Simonis, M., Duyck, W., Page, M.P.A., Edwards, M. & Szmalec, A. (2015). Can chunk size differences explain developmental changes in lexical learning? *Frontiers in Psychology*, 6, 1925. DOI: 10.3389/fpsyg.2015.01925. [impact factor: 2.32]
24. Bogaerts, L., Szmalec, A., Hachmann, W. M., Page, M. P. A., Duyck, W. (2015). Linking memory and language: Evidence for a serial-order learning impairment in dyslexia. *Research in Developmental Disabilities*, 43-44, 106-22. DOI: 10.1016/j.ridd.2015.06.012. [impact factor: 1.84]
25. Hachmann, W.M., Bogaerts, L., Szmalec, A., Woumans, E. Duyck, W., Job, R. (2014). Short-term memory for order but not for item information is impaired in developmental dyslexia. *Annals of Dyslexia*, 64(2), 121-136. DOI:10.1007/s11881-013-0089-5. [impact factor: 1.98]
26. Bogaerts, L., Szmalec, A., Hachmann, W.M., Page, M.P.A., Woumans, E., & Duyck, W. (2014). Increased susceptibility to proactive interference in adults with dyslexia? *Memory*, 23(2), 268-277. DOI: 10.1080/09658211.2014.882957. [impact factor: 1.90]
27. Verreyt, N., Bogaerts, L., Cop, U., Bernolet, S., De Letter, M., Hemelsoet, D., Santens, P., & Duyck, W. (2013). Syntactic priming in bilingual patients with parallel and differential aphasia. *Aphasiology*, 27(7), 867-887. DOI:10.1080/02687038.2013.791918. [impact factor: 1.72]

PROCEEDING PAPERS & OTHER PUBLICATIONS

28. Linzen, T., Siegelman, N. & Bogaerts L. (2017). Prediction and uncertainty in an artificial language. *Proceedings of the 39th Annual Conference of the Cognitive Science Society*.
29. Bogaerts, L., & Duyck, W. (2013). Is dyslexia merely taught? A reaction on Erik Moonen. *Nederlands Van Nu*, 1, 35-37.

A-1 ARTICLES UNDER PEER REVIEW & IN PREPARATION

30. De Waard, J., van Moorselaar, D., Bogaerts, L., & Theeuwes, J. (under review). Context-dependent distractor location regularities: learned but not applied. *Journal of Experimental Psychology: Human Perception and Performance*
31. Ivanov, Y., Theeuwes, J., Bogaerts, L. (under review). Reliability of individual differences in distractor suppression driven by statistical learning. *Behavior Research Methods*
32. Bogaerts, L., Inbar, M., Frost R., & Landau, A.N. (in prep). The timing of spontaneous eye blinks as an online monitor of implicit pattern segmentation.
33. Siegelman, S. & Bogaerts, L. (in prep). Behavioral and neural variability as indices of statistical learning.
34. Snell, J. & Bogaerts, L. (in prep). How flexible is the attentional bias in reading? A Hebrew-English flanker study.

PRESENTATIONS INVITED ORAL PRESENTATIONS

1. Bogaerts, L. Is there such a thing a “good statistical learner”? (2022). Symposium organized by Ambra Ferrari. **Meeting of the Dutch Society for Brain and Cognition**, April 28-30, Egmond aan Zee, The Netherlands.
2. Bogaerts, L. Towards a better understanding of the mechanisms underlying statistical learning (2021). **School of Psychology – UNSW Sydney**, April 8th, Sydney, Australia
3. Bogaerts, L. Beta-band activity is a signature of statistical learning (2020). **Edmond & Lily Safra Center for Brain Sciences – The Hebrew University of Jerusalem**, September 13th, Jerusalem, Israel
4. Bogaerts, L. Statistical learning as a theoretical construct and as an individual ability (2019). **Department for Biological Psychology and Neuropsychology – Vrije Universiteit Amsterdam**, September 2nd, Amsterdam, The Netherlands
5. Bogaerts, L. Statistical learning as a theoretical construct and as an individual ability (2019). **Department for Biological Psychology and Neuropsychology – Hamburg University**, August 15th, Hamburg, Germany
6. Bogaerts, L., Landau, A.N., Richter, C., & Frost R. (2018). Neurobiological signatures of regularity learning. **McDonnell Foundation Workshop: The Future of Statistical Learning**, August 19-20, Québec city, Canada
7. Bogaerts, L., Landau, A.N., & Frost, R. (2017). Preliminary data blitz: Neural oscillations as a brain signature of statistical learning? **McDonnell Foundation Workshop: The Future of Statistical Learning**, Haskins Laboratories – Yale University, Nov 7-8, New Haven, USA
8. Bogaerts, L., Siegelman, N., Rey, A., & Frost, R. (2016). I see, I see, what you don't see... Statistical learning as an individual ability. **Laboratoire de Sciences Cognitives et Psycholinguistique, Ecole Normale Supérieure**, April 19th, Paris, France
9. Bogaerts, L., Szmalec, A., Page, M.P.A., & Duyck, W. (2015). Linking serial-order learning and language: Evidence from reading (disability). **Laboratoire de Psychologie Cognitive – Université Aix-Marseille**, March 20th, Marseille, France
10. Joint presentation: Page, M.P.A., & Bogaerts, L. (2015). Immediate serial recall, Hebb effects, and word learning: consolidating, and conSOLIDating, a unified account. **Workshop Memory Consolidation and Word learning**, March 9th, Nijmegen, Holland
11. Bogaerts, L., Szmalec, A., Hachmann, W.M., Page, M.P.A., & Duyck, W. (2013). The SOLID hypothesis: an integrative account of memory and language dysfunctions in dyslexia. **Cognition and Brain Science Unit – Cambridge University**, November 15th, Cambridge, UK
12. Bogaerts, L., Szmalec, A., Page, M.P.A., & Duyck, W. (2013). The involvement of serial-order memory in language learning: evidence from novel word learning and dyslexia. **Haskins Laboratories – Yale University**, December 12th, New Haven, USA

CONFERENCE AND WORKSHOP PRESENTATIONS (first/senior authorships only)

1. Bogaerts, L., Landau, A.N., Richter, C., & Frost R. (2019). Beta power as a brain marker of visual statistical learning. Oral presentation at the **NTNU-Haskins Laboratories Joint Workshop on Language Acquisition, Statistical learning and fNIRS Applications**, Oct 5-6, Taipei, Taiwan
2. Siegelman, N., Black, A., & Bogaerts L. (2019). Behavioral and neural variability as a signature of statistical learning. Oral presentation at the **NTNU-Haskins Laboratories Joint Workshop on Language Acquisition, Statistical learning and fNIRS Applications**, Oct 5-6, Taipei, Taiwan
3. Bogaerts, L., Landau, A.N., Inbar, M., & Frost R. (2019). Eye blinks as a signature of implicit segmentation in statistical learning? Blitz talk at the **Jerusalem Brain Community workshop**, June 2-4, Mitspe Ramon, Israel
4. Bogaerts, L., Landau, A.N., Richter, C., & Frost R. (2018). Neural oscillations as a brain signature of statistical learning? Poster at the Annual conference of the **Society for the Neurobiology of Language**, August 16-18, Québec city, Canada
5. Bogaerts, L., Landau, A.N., Richter, C., & Frost R. (2018). Neural oscillations as a brain signature of statistical learning? Poster at the Annual conference of the **First international Workshop on Predictive Processing**, June 20-22, San Sebastian, Spain
6. Bogaerts, L., Siegelman, N., & Ram Frost (2017). Re-thinking domain generality vs. domain specificity: The role of prior knowledge in statistical learning. Oral presentation at the **Psychonomic Society annual meeting**, Nov 9-11, Vancouver, Canada
7. Bogaerts, L., & Rey, A. (2016). Temporal dynamics of sequence learning: The case of quadruplets. Oral presentation at the **Symposium on Learning, restructuring, grouping, chunking**, July 11, Nice, France

8. Bogaerts, L., Franco, A., Favre, B., & Rey, A. (2016). Speech onset latencies as an online measure of regularity extraction. Poster presentation at the **Fifth Implicit Learning Seminar**, June 23-25, Lancaster, UK
9. Bogaerts, L., Siegelman, N., & Frost, R. (2016). Splitting the variance of statistical learning performance. Oral presentation at the **Israeli Conference on Cognitive Research**. February 16-18, Akko, Israel
10. Bogaerts, L., Siegelman, N., Benporat, T., Szmalec, A., Duyck, W., & Frost, R. (2015). Sequence Learning as an Individual Ability: The Hebb Repetition Problem. Poster presentation at **Interdisciplinary Advances in Statistical Learning**, June 25-27, San Sebastian, Spain
11. Bogaerts, L., De Maeyer, M., Szmalec, A., Page, M.P.A, & Duyck, W. (2015). The involvement of long-term serial-order memory in reading development: A longitudinal study. Oral presentation at **Psycholinguistics in Flanders**, May 21-22, Marche-en-Famenne, Belgium
12. Bogaerts, L., Szmalec, A., Page, M.P.A, & Duyck, W. (2014). Linking memory and language: insights from novel word learning and dyslexia. Oral presentation at the **International Workshop on Learning and Memory Consolidation**, July 10-11, San Sebastian, Spain
13. Bogaerts, L., Szmalec, A., Page, M.P.A, & Duyck, W. (2014). Impaired serial-order learning in adults with dyslexia and children with poor reading skills. Oral presentation at **Psycholinguistics in Flanders**, May 8-9, Ostend, Belgium
14. Bogaerts, L., Szmalec, A., Hachmann, W. M., Page, M.P.A, & Duyck, W. (2013). Dyslexia as a dis-order: The SOLID hypothesis. Oral presentation at the **International Workshop on Reading and Developmental Dyslexia**, May 30-31, San Sebastian, Spain
15. Bogaerts, L., Szmalec, A., Hachmann, W. M., Page, M.P.A, & Duyck, W. (2013). The SOLID hypothesis: an integrative account of memory and language dysfunctions in dyslexia. Poster presentation at the **Third Oxford Kobe Symposium**, April 11-13, Oxford, UK
16. Bogaerts, L., Szmalec, A., Hachmann, W. M., Page, M.P.A, & Duyck, W. (2013). The SOLID hypothesis: an integrative account of memory and language dysfunctions in dyslexia. Poster presentation at the **11th International Symposium of Psycholinguistics**, March 20-23, Golf del Sur, Spain
17. Bogaerts, L., Szmalec, A., Hachmann, W.M., Page, M.P.A, & Duyck, W. (2012). A Hebb learning account of language impairment in dyslexia. Oral presentation at **Psycholinguistics in Flanders goes Dutch**, May 6-7, Nijmegen, The Netherlands

**PRESS
COVERAGE AND
OUTREACH**

Young Talent column in Knack magazine (<https://www.knack.be/nieuws/magazine/louisa-bogaerts/article-normal-1851649.html>)

Interview Belgian business newspaper De Tijd on the receiving occasion of the Odysseus grant (<https://www.tijd.be/dossier/ontbijt/louisa-bogaerts-ik-heb-mij-erdoor-moeten-vechten-dus-ik-doe-nooit-iets-half/10331502.html>)

Marie Curie research selected for “Results in Brief”, European Commission’s CORDIS website (cordis.europa.eu/project/rcn/209184/brief/en?WT.mc_id=exp)

Blogposts reporting relevant findings in the fields of cognitive psychology and brain sciences to the general public (www.breinwijzer.be/studio-brein/author/louisa-bogaerts)

Public lectures for high school graduates, *Our memory: about remembering and forgetting*, as part of two *Meeting of Minds for Youth* editions, 12/03/2012 and 15/03/2013, Ghent, Belgium

Child University, *Introduction to Experimental Psychology* for 9- to 12-year olds, 27/11/2011, Ghent, Belgium

PhD work featured in the science section of the national Belgian newspaper De Morgen: “*Dyslexics also have problems with learning and memory*”, written by Franky Verdickt, 09/09/15, and in Knack magazine: “*New research offers perspectives for the treatment of dyslexia*”, 09/09/15.