

Verkort Curriculum vitae van R. Jonkers (2020-2026)

naam: Jonkers
voornaam: Roel

geboortedatum: 14 augustus 1969 te Onna (gem. Steenwijkerwold)
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Datum: 1-8-2026

1. Opleiding

a. opleiding

1987 - 1993: Nederlandse Taal- en Letterkunde, Rijksuniversiteit Groningen, doctoraalexamen (cum laude); afstudeerrichting Psycholinguïstiek
- bijvakken: Inleiding Neuropsychologie, Klinische Neurologie en Methodologie & Statistiek
najaar 1991: verblijf aan de universiteit van Reading (UK) ten behoeve van het afstudeeronderzoek
1981 - 1987: Gymnasium α, Rijksscholengemeenschap "Jan Hendrik Tromp Meesters" te Steenwijk.

2. Werkervaring

a. wetenschappelijke werkervaring

2021 – heden Hoogleraar Neurolinguïstiek, Faculteit der Letteren, RUG
2018 - 2022: Vice-decaan bij de Faculteit der Letteren, RUG (portefeuillehouder Onderwijs en Internationalisering)

3. Bestuurlijke en organisatorische ervaring (universitair)

a. Onderwijs

2026 Expert panel member in the re-accreditation process of the University of Zagreb Faculty of Education and Rehabilitation Sciences (On behalf of the ASHE)
2025 Lid Assessment Committee Master (MSc) in Sciences in Developmental Communication Disorders (SDCD), Faculty of Health sciences, Cyprus University of Technology, Limassol, Cyprus. On behalf of the Cyprus Agency of Quality Assurance and Accreditation in Higher Education
2024 – 2026 Voorzitter Werkgroep het Nieuwe Roosteren
2023 – heden Programmacoördinator MA Neurolinguïstiek
2023 – 2025 Programmacoördinator BA Taalwetenschap
2023 – heden Lid Onderwijscommissie ReMa Taalwetenschappen
2023 Lid selectiecommissie MA scriptieprijs Faculteit Letteren
2022 Lid RUG commissie Onderwijs in de schools
2021: Lid RUG commissie Lesson the Work
2021 – heden: Directeur Consortium Erasmus Mundus Programme Clinical Linguistics (EMCL)
2021 - 2023 Lid Auditcommissie CIT
2021 - 2023 Lid stuurgroep Videoplatform
2020: Lid Taskforce UG Employability strategy 2020-2025

- 2020 – 2021: Voorzitter Taakgroep Onderwijs 2020-2021 RUG
- 2020 – 2021: Lid crisisteam FdL
- 2020 – 2021: Lid centraal crisisteam RUG
- 2020: Lid External Evaluation Committee Master (MSc) in Sciences in Developmental Communication Disorders (SDCD), Faculty of Health sciences, Cyprus University of Technology, Limassol, Cyprus. On behalf of the Cyprus Agency of Quality Assurance and Accreditation in Higher Education.
- 2016 – heden: Lid Raad van Advies opleidingen Taalwetenschap en Toegepaste Taalwetenschap

b. Onderzoek

- 2026 – heden: Lid FWO Expert Panel Cult-1 Phd panel on Linguistics
- 2023 – heden: Lid NWO SGW adviestafel Cultuur- en Taalwetenschappen
- 2023 – heden: Lid bestuur Graduate School for Behavioural and Cognitive Neurosciences (BCN)
- 2022 – heden: Voorzitter Commissie voor Ethische Toetsing Onderzoek (CETO) Letteren
- 2022 – heden: Voorzitter Scientific Board Science of Aphasia conferences
- 2020 – heden: Lid FWO Review College (Fonds Wetenschappelijk Onderzoek Vlaanderen; panels 2021-2023; 2024-2026)
- 2018 – 2019: lid beoordelingscommissie NWO-SGW Open Competitie
- 2017 – 2018: Lid Rubicon-commissie van NWO voor alfa/gamma aanvragen
- 2015 - 2019: Lid programmacommissie en voorzitter abstract selection committee 16th Science of Aphasia Conference Aveiro; 17th Science of Aphasia Conference Venetië; 18th Science of Aphasia Conference Genève; 19th Science of Aphasia Conference Venetië; 20th Science of Aphasia Conference Rome
- 2006 – heden: lid Scientific Committee Science of Aphasia
- 2005 – heden: lid kernredactie tijdschrift Stem-, Spraak- en Taalpathologie

4. Onderwijs

Tot op heden heb ik 141 cursussen verzorgd (alleen of met collega's) op BA- en MA-niveau binnen de programma's BA Taalwetenschap, MA Speech and Language Pathology, MA Taalwetenschappen, Research Master Linguistics, European Master in Clinical Linguistics, BA Nederlandse Taal- en Letterkunde en Logopedie (HBO). Onderwerpen van deze cursussen waren: Afasiologie, Taal- en spraakstoornissen, Diagnostiek en behandeling, Psycholinguïstiek, Neurolinguïstiek, Mentaal Lexicon en de Geschiedenis van de Afasiologie.

Tot nu heb ik 164 Masterscripties begeleid en meer dan 75 Masterstages.

In de afgelopen 15 jaar ben ik 12 keer gastdocent geweest aan de universiteit van Joensuu (later Universiteit van Eastern Finland) via Erasmusuitwisseling. Ik ben eveneens regelmatig gastdocent in de programma's van de minor Neurowetenschappen en de BA Humane Gedragsbiologie. Verder ben ik mede docent geweest van de PhD-managementcursus voor BCN vanaf december 2023 tot nu.

6. Betrokkenheid bij promoties

Als promotor (afgerond)

Tot 2019: 3 promoties als co-promotor (Hessler, Vonk en Hurkmans)

- 2014 - 2021: Tweede promotor en dagelijks begeleider in promotietraject J. den Hollander. Diagnosing Apraxia of Speech with EEG. Eerste promotor prof. dr. R. Bastiaanse. Verdiging op 26-1-2021.
- 2017-2021: Tweede promotor in promotietraject V. Verkhodanova. Using expert knowledge to identify cues indicative of dysarthria in Dutch and Frisian (Campus Fryslan). Eerste promotor: prof.

	dr. W. Lowie. Promotiedatum: 4-11-2021.
2017- 2022:	Tweede promotor in promotietraject J. Jaccobi. Deterioration of Voice and Speech in Individuals with Parkinson's Disease: A Longitudinal Study. Eerste promotor: prof. dr. M. Wieling. Promotiedatum: 26-9-2022
2019 – 2024:	Tweede promotor in promotietraject T. Rebernik. Speech planning and monitoring in Parkinson's disease: a speech motor control perspective. Eerste promotor: prof. dr. M. Wieling. Promotiedatum 16-12-2024
2020 – 2022:	Eerste promotor promotietraject D. Meziere. Using eye-tracking to develop an ecologically valid measure of reading comprehension. Promotiedatum: 2-6-2022.
2020 – 2023:	Eerste promotor promotie P. Cuperus. Improving functional communication in people with aphasia using a mobile therapy app. Promotiedatum: 28-9-2023.
2023	Eerste promotor promotie S. Tokac An investigation of heritage language speakers of Turkish: evidentiality processing and the effects of language experience. Promotiedatum 27-3-2023.
2020 – 2024:	Eerste promotor in promotietraject E. Ntemou. Linguistic variables affecting action naming under nTMS. Promotiedatum: 25-1-2024.
2020 – 2024:	Eerste promotor C. Svaldi. Long-term language impairments in children following posterior fossa surgery: evaluating the linguistic correlates of the cerebellar-cerebral diaschisis hypothesis. Promotiedatum: 4-7-2024
2020 – 2024:	Eerste promotor in promotietraject S. Castelli. Verb processing at the core of sentence processing. Manuscript goedgekeurd. Promotiedatum: 31-10-2024
2021 – 2024:	Eerste promotor promotietraject. S. Shogi Javan. How are reading profiles of students with ASD and their executive functions related to autism symptom severity? Manuscript goedgekeurd. Promotiedatum: 28-11-2024
2016 – 2025:	Eerste promotor promotietraject R. Ossewaarde: Automatische classificatie van MCI/PPA-patiënten met behulp van taaltechnologie. Promotiedatum 9 januari 2025.
2021 – 2025:	Eerste promotor promotietraject J. Gerona. Characterization of Verb Conjugation of Tagalog-dominant Individuals with Fluent and Non-Fluent Aphasia. Promotiedatum 13-11-2025
2023 – 2025:	Eerste promotor promotietraject D. Stoianov. Reading with Emojis. Promotiedatum: 23-10-2025
2022 – 2026:	Eerste promotor promotietraject A. Rossetto. Neglect dyslexia and morphological processing. Promotiedatum 12-2-2026

Als promotor (lopende trajecten)

2022 – heden	Tweede promotor promotietraject K. Vos. Language disorders in children with Posterior Fossa Tumours.
2022 – heden	Eerste promotor promotietraject M. van Tellingen. Combining speech therapy and music therapy in the treatment of childhood speech sound disorders
2022 – heden	Eerste promotor promotietraject J. Feiken. Evaluatie procesgeoriënteerde therapie.
2023 – heden	Tweede promotor promotietraject A. Reinders. Verb processing and verb learning in children with pediatric posterior fossa tumours
2023 – heden	Eerste promotor promotietraject L. Gaudet. The ambiguous nature of semantic networks and the neural correlates of verbal fluency in people with low-grade gliomas
2023 – heden	Eerste promotor promotietraject L. Rybka. Long-term cognitive functioning in people with brain tumours and their neural correlates
2023 – heden	Eerste promotor promotietraject T. Lazic. Language decline in subjective cognitive I mpairment: Early detection of dementia.
2024 – heden	Eerste promotor promotietraject J. Van der Sluijs. Multidimensional relations in the mental lexicon: Using network science to study the interaction of semantics, phonology and morphology
2024 – heden	Eerste promotor promotietraject K. Haneda. When Silence Speaks: The Role and Limits of

	Extralinguistic Cues in Language Comprehension
2025 – heden	Eerste promotor promotietraject M. Philipsen. Revolutionizing brain tumour surgery with linguistics: replacing the current testing standard with word association-1
2025 – heden	Eerste promotor promotietraject M. Winkler. Revolutionizing brain tumor surgery with linguistics: replacing the current testing standard with word association-2
2025 – heden	Eerste promotor promotietraject F. Scherotzke. Language processing: The effect of time/cognitive load in different linguistic domains using off-line and on-line measures
2025 – heden	Tweede promotor promotietraject V. Scholze. Accoustic analysis of speech in PD.

Lidmaatschap beoordelings- of leescommissie

Tot 2019 lid van twee beoordelingscommissies (Aerts en Ishkhanyan)

2019:	Lid leescommissie E. Van Setten (Rijksuniversiteit Groningen) Neurolinguistic profiles of Advanced Readers with Developmental Dyslexia. Promotiedatum: 10 januari 2019.
2020:	Lid Manuscriptcommissie L. van Haaften (Radboud Universiteit Nijmegen) Profiling typical and disordered speech production in children using the Computer Articulation Instrument (CAI). Promotiedatum: 17 december 2020.
2021:	Lid examencommissie promotie mw. E. Cocquyt, (Faculty of Medicine and Health Sciences, Universiteit van Gent). Cortical and subcortical electrophysiology of verbal semantic processing. Promotiedatum: 15 september 2021.
2022	Lid Manuscriptcommissie S. Diepenveen (Radboud Universiteit Nijmegen) Towards process-oriented diagnostics in children with Speech Sound Disorders. Promotiedatum: 28-11-2022
2022	Lid Manuscriptcommissie M. van Rijssen (Universiteit Utrecht) CommuniCare. Development, evaluation and implementation of a generic Communication Partner Training using perspectives of people with aphasia and healthcare professionals. Promotiedatum 21-12-2021.
2024	Lid Manuscriptcommissie S. Mooijman (Radboud Universiteit) Control of language in bilingual speakers with and without aphasia. Promotiedatum 1-7-2024.
2025	Lid Manuscriptcommissie C. de Vries (Universiteit Leiden) Unspoken Pain. Its assessment in persons with aphasia. Promotiedatum: 10 oktober 2025.
2026	Lid Manuscriptcommissie T. Tienkamp (Universiteit Groningen). Speech Motor Control Following Surgical Treatment for Oral Cancer: Acoustic and Kinematic Insights. Promotiedatum 15-1-2026.
2026	Lid Manuscriptcommissie R. Weterings (Radboud Universiteit) Investigating the demands of spoken language production in young stroke. Promotiedatum: 7 december 2026.

7. Subsidies

Vanaf 2019

2019	NWO PhD in the Humanities (€ 250,000. Project: Speech planning and monitoring in Parkinson's disease: a speech motor control perspective. PhD student: Teja Rebernik. Co-aanvrager met prof. M Wieling.
2020-2026	Erasmus Mundus excellent master grant for the European master's in Clinical Linguistics (EMCL++; consortium of universities of Ghent, Joensuu (UEF) and Groningen) (€4.424.000). Mijn bijdrage: co-auteur van de aanvraag (met A. Rofes, R. Bastiaanse and A. Pomstra)
2025-2031	Erasmus Mundus excellent master grant for the European master's in Clinical Linguistics (EMCL-2025; consortium of universities of Ghent, Joensuu (UEF) and Groningen) (€4.632.000). Mijn bijdrage: hoofdaanvrager (met

8. Onderzoek

a. Onderzoeksonderwerpen

- Verworven spraakstoornissen (Spraakapraxie, Hypokenetische Dysarthrie (Parkinson), Foreign Accent Syndrome)
- Verwerking van werkwoorden door personen met afasie en dementie
- Ontwikkeling van diagnostisch en therapeutisch materiaal voor personen met verworven spraak- of taalstoornissen

b. reviews

- Review Editor on the Editorial Board of Speech and Language (specialty section of Frontiers in Human Neuroscience).
- reviewer van manuscripten voor Aphasiology, Brain and Language, Cortex, Neuropsychologia, Journal of Neurolinguistics, Clinical Linguistics and Phonetics, Applied Psycholinguistics, Disability and Rehabilitation, American Journal of Speech-Language Pathology, Linguistics, Behavior Research Methods, Frontiers, Journal of Speech, Language, and Hearing Research, Perspectives of the ASHA special interest groups, International Journal of Speech-Language Pathology, Journal of Child Language, Language, Cognition and Neuroscience, Neurobiology of Language
- reviewer abstracts voor Science of Aphasia, RASCAL, TABU-dag, Afasienet, ICPLA
- reviewer van onderzoeksaanvragen voor FWO, het Vlaamse Fonds voor Wetenschappelijk Onderzoek en NWO (ZonMw/Vernieuwingsimpuls; Rubicon); FWO Expert panel CULT 1 Phd in Linguistics; Cyprus Excellence Programme (RIF)

c. valorisatie (vanaf 2019)

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| 2022 | Frank von Hebel (<i>Dagblad van het Noorden</i> , 15-3-2022) (https://dvh.nl/groningen/App-RUG-stelt-dementie-in-vroeg-stadium-vast-27540838.html). Ik kom maar niet op het woord, heb ik soms dementie? Rijksuniversiteit Groningen werkt aan een app die taal analyseert en het op jonge leeftijd vast kan stellen. Over mijn onderzoek naar taal en dementie |
| 2022 | Mathilde Jansen (<i>Kennislink</i> , 25 mei 2022) (https://www.nemokennislink.nl/publicaties/taal-als-voorspeller-van-dementie/) Taal als voorspeller van dementie. Over mijn onderzoek naar taal en dementie. |
| 2022 | Belinda Fallaux. Woorden in de war. Leven met Afasie. Plus Gezond Magazine 6-2022. (over mijn onderzoek naar afasie) |
| 2023 | Nienke Beintema (NRC (Durf te vragen) 17-6-2023) Waarom kun je soms niet op bepaalde namen komen. https://www.nrc.nl/nieuws/2023/06/14/waardoor-kun-je-soms-niet-op-bepaalde-namen-komen-a4167127 |
| 2026 | Oog op Wetenschap: Hoe kan het dat sommige mensen taal niet meer begrijpen (over mijn onderzoek als hoogleraar Neurolinguïstiek). 25-6-2026.
https://open.spotify.com/episode/5DRdt1sVNEcPiaN0CKh8pU?si=kDE9kNJeRH6QB-cuRIeEMw&nd=1&dlsi=1f949aa7d7b4443d |

d. publicaties en presentaties (vanaf 2019)

Orcid ID: <https://orcid.org/0000-0002-0223-1596>

a. Engelstalige peer reviewed publicaties in tijdschriften

- Ahmed, Rida, Reinders, A., Svaldi, C., Kingma, A., Persson, K., Thomsen, D. B., Grønbæk, J. K., Laustsen, A.F., Mathiasen, R., Pizer, B., Aquilina, K., Fellows, G., Kamaly, I., Macarthur, D., **Jonkers, R.**, Juhler, M. & De Aguiar, V. (2026) "Language processing in posterior fossa tumour patients: Psycholinguistic insights into the word-finding ability." *The Cerebellum* 25.3 (2026): 84
- Rebernik, T., Tienkamp, T., Chaboksavar, S., Hoekzema, N., Ciot, V., Polsterer, K., Gleichman, A., **Jonkers, R.**, Noiray, A., Abur, D. & Wieling, M. (2026). Kinematic and Acoustic Responses to Predictable and Unexpected Auditory Feedback Perturbations in Speakers With and Without Parkinson's Disease. *Journal of Speech, Language, and Hearing Research*, 69(4), 1469-1489.
- Reinders, A., Svaldi, C., Kingma, A., Grønbæk, J. K., Thomsen, D. B., Persson, K., Mathiasen, R., Dahl, C., Carai, A., Andreozzi, B., Mastronuzzi, Pizer, B., Thorbinson, C., Aquilina, K., Hoving, E., Juhler, M., **Jonkers, R.** & De Aguiar, V. (2026). Analysis of presurgical language in children with posterior fossa tumours relative to postoperative speech outcomes: findings from the European CMS study. *The Cerebellum*, 25(2), 48.
- Svaldi, C., Vos, K., Reinders, A., Ćurčić-Blake, B., Tseng, J., **Jonkers, R.**, & De Aguiar, V. (2026). Fixel-based white matter atypicalities in relation to language impairment in children with developmental language disorder. *Cortex*. DOI: 10.1016/j.cortex.2026.05.012
- Feiken, J., de Kok, D., Wind-Tjeerdsma, T., & **Jonkers, R.** (2025). Sources of evidence for the identification of deficits in linguistic processes in aphasia at the word-level: a model-based approach. *Aphasiology*. <https://doi.org/10.1080/02687038.2025.2501631>
- Gaudet, L. A., Rybka, L., Mandonnet, E., Volle, E., Barberis, M., **Jonkers, R.**, & Rofes, A. (2025). Leveraging relatedness-based measures in people with language disorders: A scoping review. *Journal of Neuropsychology*, 19-2, 299-337.
- Rofes, A., Almeria, M., Sampedro, B., **Jonkers, R.**, Deus, J. & Krupinski, J. (2025) Corrigendum to "What drives task performance in fluency tasks in people who had COVID-19?" [Language and Health 2 (2024) 100031], *Language and Health*, Volume 3, Issue 1, <https://doi.org/10.1016/j.laheal.2025.100055>.
- Svaldi, C., Galli, J. I., Paquier, P., Keulen, S., Van Elp, H., Catsman-Berrevoets, C., **Jonkers, R.**, Kohnen, S. & de Aguiar, V. (2025). Errors in the Spontaneous Language of Survivors of Pediatric Cerebellar Tumors. *The Cerebellum*, 24(1), 26.
- Gerona, J., de Kok, D., Salis, C., Webster, J., & **Jonkers, R.** (2024). Characterization of agrammatism in Tagalog: Evidence from narrative spontaneous speech. *Aphasiology*, 1–33. <https://doi.org/10.1080/02687038.2024.2353164>
- Jonkers, R.** (2024). Negative polarity environments in the spontaneous speech of Dutch individuals with aphasia. In: Hollebrandse, B., Hout A. van, Jonkers, R. & Martin A. (eds.) *TABU: Festschrift for Jack Hoeksema*, 104-114
- Ntemou, E., **Jonkers, R.**, Reisch, K., Böttcher, F., Burchert, F., Picht, T., & Rofes, A. (2024). The cortical representation of transitivity: Insights from tractography-based inhibitory nTMS. *Neuropsychologia*, 108940.
- Ossewaarde, R., Pijnenburg, Y., Keulen, A., **Jonkers, R.**, & Leijnen, S. (2024). Role of pause

- duration in primary progressive aphasia. *Aphasiology*, 1–19.
<https://doi.org/10.1080/02687038.2024.2366285>
- Rybka, L., **Jonkers, R.**, Burzlaff, M., Rosenstock, T., Vajkoczy, P., Picht, T., Faust, K. & Rofes, A. (2024). Preoperative subjective impairments in language and memory in brain tumor patients. *Frontiers in oncology*, 14, 1475860.
- Svaldi, C., Kohnen, S., Robidoux, S., Vos, K., Reinders, A., Arunachalam, S., **Jonkers, R.** & de Aguiar, V. (2024). Spoken verb learning in children with language disorder. *Journal of Experimental Child Psychology*, 242, 105881.
- Svaldi, C., Paquier, P., Keulen, S., van Elp, H., Catsman-Berrevoets, C., Kingma, A., **Jonkers, R.**, Kohnen, S. & de Aguiar, V. (2024). Characterising the long-term language impairments of children following cerebellar tumour surgery by extracting psycholinguistic properties from spontaneous language. *The Cerebellum*, 23(2), 523-544.
- Rofes, A., Almeria, M., Sampedro, B., **Jonkers, R.**, Deus, J., & Krupinski, J. (2024). What Drives task performance in fluency tasks in people who had COVID-19?. *Language and Health*, 2(2), 100031.
- Ntemou, E., Reisch, K., Burchert, F., **Jonkers, R.**, Picht, T., & Rofes, A. (2023). Mapping action naming in patients with gliomas: The influence of transitivity. *Neuroimage: Reports*, 3(4), 100184.
- Ntemou, E., Svaldi, C., **Jonkers R.**, Picht, T. & Rofes, A. (2023) Verb and sentence processing with TMS: A systematic review and meta-analysis. *Cortex*
<https://doi.org/10.1016/j.cortex.2023.01.005>
- Rofes, A., Beran, M., **Jonkers, R.**, Geerlings, M. I., & Vonk, J. M. (2023). What Drives Task Performance in Animal Fluency in Individuals Without Dementia? The SMART-MR Study. *Journal of Speech, Language, and Hearing Research*, 66(9), 3473-3485.
- Svaldi, C., Ntemou, E., **Jonkers, R.**, Kohnen, S., & de Aguiar, V. (2023). Language outcomes in children who underwent surgery for the removal of a posterior fossa tumor: A systematic review. *European Journal of Paediatric Neurology*
- Tellingen, M. van, Hurkmans, J., Terband, H., van de Zande, A.M., Maassen, B. and **Jonkers, R.**, (2023). Speech and music therapy in the treatment of CAS: An introduction and a case study. *Journal of speech, language, and hearing research*.
- Van Tellingen, M., Hurkmans, J., Terband, H., **Jonkers, R.** & Maassen, B. (2022) Music and musical elements in the treatment of childhood speech sound disorders: A systematic review of the literature. *International Journal of Speech-Language Pathology*. 17 p.
 10.1080/17549507.2022.2097310
- Verkhodanova, V. , Coler, M. , **Jonkers, R.** (2022), Timmermans, S. , Maurits, N. M. , de Jong, B. M. & Lowie, W. A cross-linguistic perspective to classification of healthiness of speech in Parkinson's disease In: *Journal of Neurolinguistics* 63.
<https://doi.org/10.1016/j.jneuroling.2022.101068>
- Rebernik, T., Jacobi, J., **Jonkers, R.**, Noiray, A., & Wieling, M. (2021) A review of data collection practices using electromagnetic articulography. *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 12(1): 6, pp. 1–42. DOI:
<https://doi.org/10.5334/labphon.237>
- Rofes, A., Sampedro, B., Abusamra, L., Cañataro, P., **Jonkers, R.**, & Abusamra, V. (2021). What drives task performance in fluency tasks in people with HIV? *Frontiers in Psychology* 12. <https://doi.org/10.3389/fpsyg.2021.721588>
- Verkhodanova, V., Coler, M., **Jonkers, R.**, & Lowie, W. (2021). How expertise and language familiarity influence perception of speech of people with Parkinson's disease. *Clinical linguistics & phonetics*, 1-18.
- Hollander, J. den, **Jonkers, R.** & Bastiaanse, R. (2020) Identification of speech production

- Stages in early and late adulthood by using EEG. In: Shtyrov, Y. Y., Myachykov, A., Martín-Luengo, B., Shcherbakova, O. V., eds. (2020). *Brain-Behaviour Interfaces in Linguistic Communication*. Lausanne: Frontiers Media SA. doi: 10.3389/978-2-88966-142-8 (also published in *Frontiers in Human Neuroscience* 2019)
- Ossewaarde, R., **Jonkers**, R., Jalvingh, F., & Bastiaanse, R. (2020) Quantifying the Uncertainty of Parameters measured in Spontaneous Speech of Speakers with Dementia. *Journal of Speech, Language, and Hearing Research* 63-7, 2255-2270.
- Rofes, A., de Aguiar, V., **Jonkers**, R., Oh, S.J., Dede, G., Sung, J.E. (2020) What Drives Task Performance During Animal Fluency in People With Alzheimer's Disease? *Frontiers in Psychology. Language Sciences*. doi: <https://doi.org/10.3389/fpsyg.2020.01485>
- Hollander, J. den, **Jonkers**, R. & Bastiaanse, R. (2019) Identification of speech production Stages in early and late adulthood by using EEG. *Frontiers in Human Neuroscience*. doi: 10.3389/fnhum.2019.00298
- Jalvingh, F., Bastiaanse, R., & **Jonkers**, R. (2019). Language Processing in Neurodegenerative Diseases: Semantic, Phonological, and Grammatical Impairments in Alzheimer's Disease, Parkinson's Disease, and Frontotemporal Lobar Degeneration – A Linguistic Overview. *Zeitschrift für Neuropsychologie*, 30(1), 49-62. <https://doi.org/10.1016-264X/a000245>
- Vonk, J., **Jonkers**, R., Hubbard, I., Gorno-Tempini, M.L., Brickman, A. & Obler, L. (2019) Semantic and lexical features of words dissimilarly affected by non-fluent, logopenic, and semantic primary progressive aphasia. *Journal of the International Neuropsychological Society* 25-10, 1011-1022
- Vonk, J. M. J., Obler, L. K., & **Jonkers**, R. (2019). Levels of Abstractness in Semantic Noun and Verb Processing: The Role of Sensory-Perceptual and Sensory-Motor Information. *Journal of Psycholinguistic Research*. <https://doi.org/10.1007/s10936-018-9621-4>

b. Engelstalige peer reviewed abstracts

- Ntemou, E., Picht, T., Reisch, K., **Jonkers**, R., Burchert, F. (2021) Mapping the Arcuate Fasciculus with nTMS and Action Naming: the Effect of Transitivity. Abstracts Academy of Aphasia. Easy Chair 6152
- Rofes, A., Almeria, M., **Jonkers**, R., Deus, J., Krupinski, J. (2021) What Drives Task Performance in Fluency Tasks in People Who Had COVID-19? Abstracts Academy of Aphasia. Easy Chair 6501
- Ossewaarde, R., **Jonkers**, R., Jalvingh, F., & Bastiaanse, Y. (2021). Classification of Spontaneous Speech of Individuals with Dementia Based on Automatic Prosody Analysis Using Support Vector Machines (SVM). In: *Proceedings of the Thirty-Second International Florida Artificial Intelligence Research Society Conference*, AAAI Press.

c. boeken, hoofdstukken in boeken & proceedings

- Hoekzema, N., Rebernik, T., Tienkamp, T., Chaboksavar, S., Ciot, V., Gleichman, A., **Jonkers**, R., Noiray, A., Wieling M. & Abur, D. (2024). Assessing Differences in Articulatory-Acoustic Vowel Space in Parkinson's Disease by Sex and Phenotype. In *Proceedings of the 13th International Seminar on Speech Production*. Autrans, (France) , 13th to 17th May 2024, pp 69-72.
- Hollebrandse, B., Hout, A. Van, **Jonkers**, R. & Martin A. (eds.) (2024). TABU: Festschrift for

- Jack Hoeksema. Groningen University Press.
- Ossewaarde, R., **Jonkers, R.**, Pijnenburg, Y., Keulen, A., & Leijnen, S. (2024, October). Automated Analysis of Topics in Story Descriptions Can Help Detect Primary Progressive Aphasia. In 2024 IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering (MetroXRaine) (pp. 1124-1128). IEEE.
- Tellingen, M. van, Hurkmans, J., Zande, A. van de, Terband, H., Maassen, B & **Jonkers, R.** (2024) Music in the treatment of childhood motor speech disorders: Using music to cue gestural timing. Proceedings of the 13th International Seminar on Speech Production, Autrans, (France) , 13th to 17th May 2024, pp 45-48.
- Jonkers, R.** (2023) Linguïstiek en het brein. Theoretische, experimentele en klinische inzichten. Oratie uitgesproken door prof. dr. Roel Jonkers op 20 oktober 2023 bij de aanvaarding van het ambt van hoogleraar Neurolinguïstiek aan de Faculteit Letteren van de Rijksuniversiteit Groningen.
- Rebernik, T., Tienkamp, T.B., Polsterer, K.M., Hukker, V., Medvedeva, M., van der Ploeg, M., Schepers, I., Sekeres, H., de Vries, W., Abur, D. and **Jonkers, R.**, 2023. 5-minute formant adaptation task in Dutch children. In *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023)*.
- Rebernik, T., J. Jacobi, **R. Jonkers**, S. Oud, A. Reinders, M. Wieling, and A. Noiray. Investigating feedback and feedforward control during vowel production by Dutch adult speakers: insights from auditory feedback perturbation tasks. In *8th International Conference on Speech Motor Control 2022*. 2022.
- Jacobi, J., Rebernik, T., **Jonkers, R.**, Maassen, B., Proctor, M., & Wieling, M. (2020). Characterizing tongue tremor in Parkinson's disease using EMA. *12th International Seminar on Speech Production ISSP2020*.
- Rebernik, T., Jacobi, J., **Jonkers, R.**, Noiray, A., & Wieling, M. (2020). Experimental approaches in electromagnetic articulography. *12th International Seminar on Speech Production ISSP2020*.

d. Nederlandstalige peer reviewed publicaties in tijdschriften

- Geerink, L. Blankestijn, J, **Jonkers, R.** & Kottink-Hutten, A. (2023) Werkwoordtherapie in beweging. Het effect van het gebruik van dynamisch materiaal versus statisch materiaal binnen de werkwoordtherapie bij personen met afasie. *Nederlands tijdschrift voor logopedie*. Jaargang 95-5, 16-25.
- Boxum, E., Van der Scheer, F., Van Werven, N., Dirksen, W. & **Jonkers, R.** (2019) Toevoeging van nieuwe linguïstische en communicatieve maten binnen de huidige ASTA Stem-, *Spraak- en Taalpathologie* 24, 23-40.

e. Diagnostische en therapeutische programma's

- Feiken, J. og **Jonkers, R.** (2020) DIAS. *Diagnostisk verktøy for taleapraksi*. Oslo, NOVUS Forlag. Norwegian translation of the DIAS

Feiken, J. & **Jonkers, R.** (2025) DIAS-D - Diagnostik bei Sprechapraxie – deutsche Version. Köln, ProLog Verlag. German translation of the DIAS

g. Lezingen en posters

- Feiken, J., Snippe, N., Kee, de Kok, D. & **Jonkers, R.** (2026) New process-oriented word-level assessment instrument for aphasia and speech apraxia: a norming study. Poster presented at the International Aphasia Rehabilitation Conference, 1-3 July 2026, Athens (Greece)
- Elkholay, A., Arslan, S. & **Jonkers, R.** (2025) Lexical Retrieval in Diglossic Aphasia: Naming Accuracy for Cognates and Non-Cognates in Modern Standard Arabic and Egyptian Colloquial Arabic. Poster presented at the 25th Science of Aphasia conference, Copenhagen, 15-18 September 2025.
- Feiken, J., Nutbroek, T., Kok, D. de & **Jonkers, R.** (2025) Screening Instrument for Apraxia of Speech (SIAS) - Development of a digital tool for the acute stage. Poster presented at the 25th Science of Aphasia conference, Copenhagen, 15-18 September 2025
- Owusu A., Webster, J., Salis. C., Kok, D. de, Tsiwah, F. & **Jonkers, R.** (2025) Novel aphasia language test in Akan. Poster presented at the 25th Science of Aphasia conference, Copenhagen, 15-18 September 2025
- Reinders, A.... **R. Jonkers** et al. (2025) Preoperative Language Sample Analysis in Children with Posterior Fossa Tumours: an Analysis of Data from the European study of Cerebellar Mutism Syndrome. Poster presented at the 25th Science of Aphasia conference, Copenhagen, 15-18 September 2025
- Tellingen, M. Van., Hurkmans, J., Van de Zande, A.M., Terband, H., Maassen, B., & **Jonkers, R.** (2025) Speech-Music Therapy in the treatment of Childhood Apraxia of Speech. Paper presented at the 20th ICPLA conference, Patras, 24-27 June 2025
- Ahmed, R., Reinders, A., Svaldi, C., Kingma, A., Persson, K., Boeg Thomsen, D., Kjær Grønbaek, J., Mathiasen, R., Arnberg Wibroe, M., Carai, A., Andreozzi, B. Mastronuzzi, A., **Jonkers, R.** and De Aguiar, V., (2024) Linguistic processing in posterior fossa tumour patients: Psycholinguistic insights into the picture naming task. Poster presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Areej, A., Arslan, S. & **Jonkers, R.** Assessing Verb Retrieval in Urdu-Speaking People with Aphasia: A Spontaneous Speech Analysis. Poster presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- De Aguiar, V., Galli, J., Svaldi, C., Vos, K., Reinders, A., Kingma, A., Ćurčić-Blake, B., **Jonkers, R.** (2024) Grey matter correlates of verbal learning in children with Developmental Language Disorder and typically developing children. Paper presented at the 44th TABU-Dag. Groningen, 13-14 June.
- De Aguiar, V., Vos, K., Kingma, A., **Jonkers, R.**, Reinders, A. & Svaldi, C. (2024) Validation of a new verb and sentence battery for children. Paper presented at 16th International Congress for the Study of Child Language, Prague, 15-19 July
- Feiken, J., Kok, D. De & **Jonkers, R.** (2024) Development and norming of a new process- oriented word-level assessment for aphasia. Poster presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Hidalgo Chagoya, J., **Jonkers, R.**, Mancini, S. (2024) Syntactic and Morphological Complexity across Discourse Tasks in Spanish Aphasia. Paper presented at the 44th TABU-Dag. Groningen, 13-14 June.
- Gerona, J., Kok, D. de, Salos, C., Webster, J., **Jonkers, R.** (2024) Examining the Richness of

- Verb Use in Morphologically-Rich Languages: Evidence from Tagalog Agrammatism. Paper presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Gottardi, E., Reinders, A., Svaldi, C., Kingma, A., Persson, K., Boeg Thomsen, D., Kjær Grønbaek, J., Mathiasen, R., Arnberg Wibroe, M., Carai, A., Andrezzi, B. Mastronuzzi, A., **Jonkers, R.** and De Aguiar, V., (2024) Preoperative and Postoperative Assessment of Word-Finding Difficulties in Italian Pediatric Patients with Posterior Fossa Tumors. Poster presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Hoekzema, N, Rebernik, T., Tienkamp, T.B., Chaboksavar, S., Ciot, V., Gleichman, A., **Jonkers, R.**, Noiray, A., Wieling, M. & Abur, D. (2024) Assessing differences in articulatory-acoustic vowel space in Parkinson's disease phenotypes. Poster presented at ISPP 2025, Autrans, 13-17 May.
- Jonkers, R.** (2024) It's all about the verb. The importance of studying verb processing in adults and children with language disorders. BCN Lunch Lecture (6-6-2024). Invited.
- Ossewaarde, R., **Jonkers, R.**, Pijnenburg, Y., Keulen, A. & Leijnen S. (2024) The relative contribution of acoustic, syntactic and semantic variables to automated analyses of the language of persons with Primary Progressive Aphasia. Poster presented at the 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Reinders, A., De Aguiar, V., **Jonkers, R.** (2024) Verb learning in children with posterior fossa tumors. Paper presented at 16th International Congress for the Study of Child Language, Prague, 15-19 July
- Reinders, A., **Jonkers, R.** & De Aguiar, V. (2024) Verb processing and verb learning in children with posterior fossa tumors: task pilot results from typically developing controls and language impaired children. Paper presented at 24th Science of Aphasia conference, Geneva, 9-12 September 2024
- Svaldi, C., Curcic-Blake, B, Tseng, J., Vos, K., Reinders, A., **Jonkers, R.**, De Aguiar (2024) The neural architecture of word learning: A study in developmental language disorder. Paper presented at 24th Science of Aphasia conference, Geneva, 9-12 September 2024.
- Svaldi, C., Curcic-Blake, B, Tseng, J., Vos, K., Reinders, A., **Jonkers, R.**, De Aguiar (2024) The neural architecture of word learning: A study in developmental language disorder. Paper presented at the 44th TABU-Dag. Groningen, 13-14 June
- Svaldi, C., Kohnen, S., Robidoux, S., Vos, K., Reinders, A., **Jonkers, R.** & De Aguiar (2024) Spoken verb learning in children with a developmental language disorder in elementary school. Poster presented at 16th International Congress for the Study of Child Language, Prague, 15-19 July
- Tellingen, M. Van., Hurkmans, J., Van de Zande, A.M., Terband, H., Maassen, B, & **Jonkers, R.** (2024) Music in the treatment of childhood motor speech disorders: Using music to cue gestural timing. Poster presented at ISPP 2025, Autrans, 13-17 May.
- Tellingen, M. Van., Hurkmans, J., Terband, H., Maassen, B, & **Jonkers, R.** (2024) Music in the treatment of childhood speech sound disorders: Evaluating prosody in Dutch-speaking children. Poster presented at Speech Prosody 2024, Leiden, 1-6 July 2024.
- Ciot, V., Rebernik, T., Tienkamp, T., **Jonkers, R.**, Noiray, A., Wieling, M. & Abur, D. (2023) Acoustic measures of voice quality in Dutch speakers with and without Parkinson's disease. Poster presented at the 43rd TABU-Dag. Groningen, 15-16 June.
- Gerona, J., de Kok, D., Salis, C., Webster, J., & **Jonkers, R.** (2023). Time reference in Tagalog: Verbal aspect and morphological complexity. Poster session presented at 61st Annual Academy of Aphasia Meeting, Reading, United Kingdom.
- Hoekzema, N., Rebernik, T., Tienkamp, T., **Jonkers, R.**, Noiray, A., Rofes, A., Wieling, M. & Abur, D. (2023) The relation between lexical retrieval, cognition, and articular

- coordination in persons with Parkinson's disease. Poster presented at the 43rd TABU-Dag. Groningen, 15-16 June.
- Ossewaarde, R., **Jonkers, R.**, Pijnenburg, Y., Keulen, A. & Leijnen S. (2023) Using software to detect aphasia in persons with Primary Progressive Aphasia. Paper presented at the 22nd Science of Aphasia Conference, Nice, 18-21 September.
- Reinders, A. **Jonkers, R.** & De Aguiar, V. (2023) Verb processing and verb learning in children with posterior fossa tumors. Poster presented at the 43rd TABU-Dag. Groningen, 15-16 June.
- Reinders, A. **Jonkers, R.** & De Aguiar, V. (2023) Verb processing and verb learning in children with posterior fossa tumors. Poster presented at the 22nd Science of Aphasia Conference, Nice, 18-21 September.
- Svaldi, C. Galli, J-I., Paquier, P., Keulen, S., Catsman-Berrevoets, C., Kingma, A., **Jonkers, R.** & De Aguiar, V. (2023) Errors in the spontaneous language of survivors of paediatric cerebellar tumours. Paper presented at the 22nd Science of Aphasia Conference, Nice, 18-21 September.
- Castelli, S., Bürki, A., **Jonkers, R.** & Popov, S. (2022) The effect of argument structure on the scope of advanced planning. Poster presented at the International Workshop on Language production. Pittsburgh, 9-11 June 2022
- Castelli, S., Bürki, A., **Jonkers, R.** & Popov, S. (2022) The effect of argument structure on the scope of advanced planning. Poster presented at the 22nd meeting of the European Society for Cognitive Psychology, Lille, France.
- Hollander, J. den, **Jonkers, R.**, Marien, P., Bastiaanse, R. (2022) The use of EEG in distinguishing a phonological encoding disorder from Apraxia of Speech in individuals with aphasia. Paper presented by me at the 21st Science of Aphasia conference. Bordeaux, 12-15 September
- Jacobi, J., Rebernik, T., **Jonkers, R.**, Maassen, B., Proctor, M. & Wieling, M. (2022) Spatial and temporal variability of speech gestures during fast syllable repetition in Parkinson's disease: An articulatory study. Paper presented at the 8th Speech Motor control conference. Groningen, 24-27 August 2022
- Ntemou, E., Reisch, K., Burchert, F., **Jonkers, R.**, Picht, T., Rofes, A. (2022) The effect of transitivity on nTMS mapping of the arcuate fasciculus: evidence from healthy adults and people with brain tumors. Poster presented at the 21st Science of Aphasia conference. Bordeaux, 12-15 September
- Ossewaarde, R., **Jonkers, R.**, Keulen, A. & Pijnenburg, Y. (2022) Identification of PPA by automated analysis of word frequency properties in spontaneous speech. Poster presented at the 21st Science of Aphasia conference. Bordeaux, 12-15 September
- Rebernik, T., Halpern, B.M., Tienkamp, T.B., **Jonkers, R.**, Noiray, A., Van Son, R.J.J.H., Van den Brekel, M.W.M., Witjes, M.J.H., Wieling, M. (2022) The effect of masking noise on oral cancer speech acoustics and kinematics. Poster presented at the 8th Speech Motor control conference. Groningen, 24-27 August 2022
- Rebernik, T., Jacobi, J., **Jonkers, R.**, Noiray, A., Oud, S., Reinders, A. & Wieling, M. (2022) Investigating feedback and feedforward control during vowel production by Dutch adult speakers: insights from auditory feedback perturbation tasks. Poster presented at the 8th Speech Motor control conference. Groningen, 24-27 August 2022.
- Svaldi, C., Ntemou, E., **Jonkers, R.**, Kohnen, S., De Aguiar, V. (2022) Language outcomes in children who underwent surgery for a posterior fossa tumour: A systematic review of the literature. Poster presented at the 21st Science of Aphasia conference. Bordeaux, 12-15 September
- Van Tellingen, M., Hurkmans, J., Terband, H., Van de Zande, A.M., Maassen, B.A.M.,

- Jonkers, R.** (2022) Treatment of Childhood Apraxia of Speech with speech and music therapy. Poster presented at the 8th Speech Motor control conference. Groningen, 24-27 August 2022.
- Van Tellingen, M., Hurkmans, J., Van de Zande, A. M., Terband, H., Meinsma – van der Tuin, M., **Jonkers, R.**, & Maassen, B. (2022). Speech and music therapy in the treatment of Childhood Apraxia of Speech: A case study. Poster presented at the European Academy of Childhood Disability, Barcelona, 18-21 May 2022.
- Svaldi, C., Paquier, P., Keulen, S., Catsman-Berrevoets, C., Kingma, A., **Jonkers, R.**, Kohnen, S., & de Aguiar, V. (2021). Characterizing the language impairments of children who underwent cerebellar tumor surgery by extracting psycholinguistic properties from spontaneous speech. Paper presented at the *Posterior Fossa Society Conference* (11-12 June, virtual meeting)
- Jacobi, J., Rebernik, T., **Jonkers, R.**, Maassen, B., Proctor, M., Wieling, M. (2020) Characterizing tongue tremor in Parkinson's disease using EMA. Poster presented at the 12th International Seminar on Speech Production. Online, 14-18 December 2020
- Rebernik, T., Jacobi, J., **Jonkers, R.**, Noiray, A., Wieling, M. (2020) Experimental approaches in electromagnetic articulography. Poster presented at the 12th International Seminar on Speech Production. Online, 14-18 December 2020