

# Verkort Curriculum vitae van R. Jonkers (2019-2025)

naam: Jonkers  
voornaam: Roel

geboortedatum: 14 augustus 1969 te Onna (gem. Steenwijkerwold)  
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**Datum: 1-1-2025**

## 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  $\alpha$ , 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

2024 Voorzitter Werkgroep het Nieuwe Roosteren  
2023 – heden Programmacoördinator BA Taalwetenschap/MA Neurolinguïstiek  
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 Videoplatfrom  
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.

- 2019 – 2022: Lid Stuurgroep Future of the Learning Environment
- 2019 – 2021: Voorzitter Commissie Onderwijs Strategie RUG
- 2019 – 2020: Lid Advisory Board Summer and Winter Schools RUG
- 2016 – heden: Lid Raad van Advies opleidingen Taalwetenschap en Toegepaste Taalwetenschap

## **b. Onderzoek**

- 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; 18<sup>th</sup> 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 136 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 157 Masterscripties begeleid en meer dan 75 Masterstages (

In de afgelopen 14 jaar ben ik 11 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 in december 2023 en oktober 2024.

## **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

### **Als promotor (lopende trajecten)**

- 2016 - heden: Eerste promotor en dagelijks begeleider in promotietraject R. Ossewaarde: Automatische classificatie van MCI/PPA-patiënten met behulp van taaltechnologie. Beoogde promotiedatum 9 januari 2025
- 2021 – heden Eerste promotor promotietraject J. Gerona. Characterization of Verb Conjugation of Tagalog-dominant Individuals with Fluent and Non-Fluent Aphasia
- 2022 – heden Eerste 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.
- 2022 – heden Eerste promotor promotietraject A. Rossetto. Neglect dyslexia and morphological processing.
- 2023 – heden Eerste 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 impairment: Early detection of dementia.
- 2023 – heden Eerste promotor promotietraject J. Lubbers. Diagnosis and treatment of dyslexia in students.
- 2023 – heden Eerste promotor promotietraject D. Stoianov. Reading with Emojis.

### **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.

## 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)

## 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
- reviewer abstracts voor Science of Aphasia, RASCAL, TABU-dag, ICPLA
- reviewer van onderzoeksaanvragen voor FWO, het Vlaamse Fonds voor Wetenschappelijk Onderzoek en NWO (ZonMw/Vernieuwingsimpuls; Rubicon)

### c. valorisatie (vanaf 2019)

- 2022 Frank von Hebel (*Dagblad van het Noorden*, 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 (*Kennislink*, 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>

#### d. publicaties en presentaties (vanaf 2019)

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

##### a. Engelstalige peer reviewed publicaties in tijdschriften

- Gaudet, L. A., Rybka, L., Mandonnet, E., Volle, E., Barberis, M., **Jonkers, R.**, & Rofes, A. (2024). Leveraging relatedness-based measures in people with language disorders: A scoping review. *Journal of Neuropsychology*.
- 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., Kohlen, 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.**, Kohlen, 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*
- Svaldi, C., Paquier, P., Keulen, S., van Elp, H., Catsman-Berrevoets, C., Kingma, A., **Jonkers, R.**, Kohnen, S. and de Aguiar, V., (2023). Characterising the Long-Term Language Impairments of Children Following Cerebellar Tumour Surgery by Extracting Psycholinguistic Properties from Spontaneous Language. *The Cerebellum*, pp.1-22.
- Tellingén, 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 Tellingén, 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., Abusambra, L., Cañataro, P., **Jonkers, R.**, & Abusambra, 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/10.1163/156852452019000245>
- 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.
- Telling, 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*.
- Jacobi, J., Rebernik, T., **Jonkers, R.**, Maassen, B., Proctor, M., Wieling, M. (2019) The Effect of Levodopa on Vowel Articulation in Parkinson's Disease: A Cross-Linguistic Study. In Sasha Calhoun, Paola Escudero, Marija Tabain & Paul Warren (eds.) *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia 2019 (pp. 1069-1073). Canberra, Australia: Australasian Speech Science and Technology Association Inc.
- Ossewaarde, R., **Jonkers, R.**, Jalvingh, F., & Bastiaanse, Y. (2019). 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 Pres*
- Verkhodanova, V., Coler, M., Lowie, W., **Jonkers, R.**, De Bot, C., Lowie, W. (2019) Comparing the Performance of Individual Articulatory Flesh Points for Articulation-to-Speech Synthesis. In Sasha Calhoun, Paola Escudero, Marija Tabain & Paul Warren (eds.) *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia 2019 (pp. 3046-3050). Canberra, Australia: Australasian Speech Science and Technology Association Inc.
- Verkhodanova, V., Timmermans, S., Coler, M., **Jonkers, R.**, De Jong, B. & Lowie, W. (2019) How Dysarthric Prosody Impacts Naïve Listeners' Recognition. In: Ali Salah, A., Karpov, A. & Potapova, R. (Eds.) *21st International Conference, SPECOM 2019 Proceedings* (pp. 510-519). Springer, Cham.
- Vonk, J. M. J., Gorno-Tempini, M. L., Hubbard, H. I., Jonkers, R., Brickman, A. M., Miller, B.,



& Obler, L. K. (2019). Insights into lexical-semantic processing from not only semantic but also non-fluent and logopenic primary progressive aphasia. *Frontiers event abstracts*. Academy of Aphasia -- 55th Annual Meeting, Baltimore, United States. [https://doi.org/\(...\)fnhum.2017.223.00029](https://doi.org/(...)fnhum.2017.223.00029)

#### **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.
- Geerink, L., Pross, A., Brouwer de Koning, J., Blankestijn-Wilmsen, J., Damen, I., Voorbraak-Timmerman, V., Hurkmans, J. & **Jonkers, R.** (2019) Het belang van een dynamische weergave van acties voor personen met afasie. *Stem-, Spraak- en Taalpathologie* 24, 41-69.

#### **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

#### **g. Lezingen en posters**

- Ahmed, R., Reinders, A., Svaldi, C., Kingma, A., Persson, K., Boeg Thomsen, D., Kjær Grønbaek, J., Mathiasen, R., Arnberg Wibroe, M., Carai, A., Androzzzi, 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 24<sup>th</sup> 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 24<sup>th</sup> Science of Aphasia conference, Geneva, 9-12 September 2024
- De Aguiar, V., Galli, J., Svaldi, C., Vos, K., Reinders, A., Kingma, A., Čurčić-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 44<sup>th</sup> 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 24<sup>th</sup> 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 44<sup>th</sup> 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 24<sup>th</sup> Science of Aphasia conference, Geneva, 9-12 September 2024
- Gottardi, E., Reinders, A., Svaldi, C., Kingma, A., Persson, K., Boeg Thomsen, D., Kjær Grønbæk, J., Mathiasen, R., Arnberg Wibroe, M., Carai, A., Androozzi, 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 24<sup>th</sup> Science of Aphasia conference, Geneva, 9-12 September 2024
- 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 24<sup>th</sup> 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 24<sup>th</sup> 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 24<sup>th</sup> 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 44<sup>th</sup> TABU-Dag. Groningen, 13-14 June
- Svaldi, C., Kohonen, 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
- Telling, 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 43<sup>rd</sup> 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 43<sup>rd</sup> 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 22<sup>nd</sup> 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 43<sup>rd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 21<sup>st</sup> 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 8<sup>th</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 8<sup>th</sup> 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 8<sup>th</sup> 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 21<sup>st</sup> Science of Aphasia conference. Bordeaux, 12-15 September
- Van Tellingén, 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 8<sup>th</sup> Speech Motor control conference. Groningen, 24-27 August 2022.
- Van Tellingén, 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 12<sup>th</sup> 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 12<sup>th</sup> International Seminar on Speech Production. Online, 14-18 December 2020
- Jacobi, J., Rebernik, T., **Jonkers, R.**, Maassen, B., Proctor, M., Wieling, M. (2019) The Effect of Levodopa on Vowel Articulation in Parkinson's Disease: A Cross-Linguistic Study. Paper presented at International Congress of Phonetic Sciences ICPhS 2019, 5-9 August 2019, Melbourne, Australia
- Jonkers, R.** (2019) Theoretisch kader en nieuwe inzichten spraakapraxie. *Aphasia Clinics: Fonologische stoornissen en spraakapraxie: efficiënter diagnosticeren en behandelen.* Rotterdam, 22 maart (*op uitnodiging*)
- Ossewaarde, R., **Jonkers, R.**, Jalvingh, F., & Bastiaanse, Y. (2019). Classification of Spontaneous Speech of Individuals with Dementia Based on Automatic Prosody Analysis Using Support Vector Machines (SVM). Poster presented at the 32nd International FLAIRS Conference, Sarasota, Florida, USA, May 19-22, 2019
- Verkhodanova, V., Coler, M., Lowie, W., **Jonkers, R.**, De Bot, C., Lowie, W. (2019) Comparing the Performance of Individual Articulatory Flesh Points for Articulation-to-Speech Synthesis. Poster presented at International Congress of Phonetic Sciences ICPhS 2019 5-9 August 2019, Melbourne, Australia
- Verkhodanova, V., Timmermans, S., Coler, M., **Jonkers, R.**, De Jong, B. & Lowie, W. (2019) How Dysarthric Prosody Impacts Naïve Listeners' Recognition. Poster presented at the 21st International Conference, SPECOM 2019, Istanbul, Turkey, August 20–25, 2019
- Jonkers, R.** 2018 Verb processing in speakers with acquired language disorders: the role of verb type. Paper presented at the *19th Science of Aphasia Conference*, Venice, Italy, 18-22 September 2018 (*op uitnodiging*)
- Jonkers, R.** 2018 The role of EEG and EMA in the diagnosis of neurogenic speech disorders. Paper presented at the *BCN PI Meeting: Let's talk: BCN research on language and the brain.* Groningen, 27 September (*op uitnodiging*)