

Leanne NAGELS

PhD student Linguistics and Audiology

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Currently, I am a PhD Student at the Center of Language and Cognition Groningen (CLCG), University of Groningen, and the Ear, Nose, and Throat (ENT) department, University Medical Center Groningen (UMCG). My PhD project is an interdisciplinary project in which I investigate the perception of voice characteristics in normal-hearing and cochlear-implant (CI) children, and how it relates to high-level linguistic and cognitive processing.

PROFESSIONAL EXPERIENCE

November 2016	PhD student Center for Language and Cognition Groningen (CLCG) and Ear, Nose, Throat (ENT) department, UNIVERSITY OF GRONINGEN and UNIVERSITY MEDICAL CENTER GRONINGEN, the Netherlands
November 2020 (expected)	<ul style="list-style-type: none">> Working Title : "From voice to speech : Speech processing differences between pre- and postlingually deaf CI users"> Promotors : Professor Dr. Petra Hendriks (CLCG, Semantics and Cognition) and Professor Dr. Deniz Başkent (ENT, Perceptual and Cognitive Neuroscience)> Supervisors and Collaborators : Dr. Etienne Gaudrain (CNRS, Lyon Neuroscience Research Center, France) and Dr. Debi Vickers (UCL, Speech, Hearing and Phonetics Science Research) <div>R Matlab PRAAT Audacity</div>
September 2014 February 2015	Student assistant Linguistics, UNIVERSITY OF EASTERN FINLAND, JOENSUU, Finland <ul style="list-style-type: none">> Vowel and consonant segmentation of speech using PRAAT. <div>PRAAT</div>
November 2012 February 2014	Student assistant/Baby and Child Research Center, RADBOUD UNIVERSITY NIJMEGEN , the Netherlands <ul style="list-style-type: none">> Conducting Head-Turn Preference Procedure experiments with 6- to 9-month-old infants.> Analysis and segmentation of sound fragments using PRAAT.> Coding of Head-Turn Preference Procedure experiments using SuperCoder.> Additional administrative activities at the Baby and Child Research Center Nijmegen. <div>PRAAT SuperCoder</div>

PUBLICATIONS

April 2020	Nagels L, Gaudrain E, Vickers D, Matos Lopes M, Hendriks P, & Başkent D. (2020). Development of vocal emotion recognition in school-age children : the EmoHI test for hearing-impaired populations. <i>PeerJ</i> . https://doi.org/10.7717/peerj.8773 .
March 2020	Nagels L, Gaudrain E, Vickers D, Hendriks P, & Başkent D. (2020). Dissociated development of voice perception across gender cues in school-age children. <i>Scientific Reports</i> . https://doi.org/10.1038/s41598-020-61732-6 .
January 2020	Nagels, L., Bastiaanse, R., Başkent, D., & Wagner, A (2020). Individual differences in lexical access among cochlear implant users. <i>Journal of Speech, Language, and Hearing Research</i> . https://doi.org/10.1044/2019_JSLHR-19-00192 .
August 2019	Nagels L, Gaudrain E, Vickers D, Matos Lopes M, Hendriks P, & Başkent D. (2019). Vocal emotion recognition in school-age children : normative data for the EmoHI test. <i>PeerJ Preprints</i> , e27921v1. https://doi.org/10.7287/peerj.preprints.27921v1 .
January 2019	Wagner, A. E., Nagels, L., Toffanin, P., Opie, J. M., & Başkent, D. (2019). Individual Variations in Effort : Assessing Pupillometry for the Hearing Impaired. <i>Trends in Hearing</i> , 23. https://doi.org/10.1177/2331216519845596 .

SKILLS

Programming	R, Matlab, basic knowledge of Python
Linguistic programs	PRAAT, Audacity, SuperCoder
Research methods	Eye-tracking, pupillometry, psychophysics, behavioral experiments

+ LANGUAGES

Dutch	●	●	●	●	●
English	●	●	●	●	●
German	●	●	●	○	○
French	●	●	○	○	○

+ PERSONAL QUALITIES

- > Motivation
- > Organization and Time management
- > Creative thinking

EDUCATION

- September 2014 MSc | Erasmus Mundus Joint Master Degree programme in Clinical Linguistics, UNIVERSITY OF GRONINGEN, UNIVERSITY OF POTSDAM, AND UNIVERSITY OF EASTERN FINLAND, the Netherlands, Germany, and Finland
- August 2016
 - > Overall grade : A
 - > MSc Thesis : The processing of contextual and lexical information in cochlear implant users
 - > Supervisors : Dr. Anita Wagner, Professor Dr. Roelien Bastiaanse, and Professor Dr. Deniz Başkent.
 - > Research methods : Eye-tracking and pupillometry

R

Matlab

Python
- September 2011 BA | Dutch Language and Culture, RADBOUD UNIVERSITY NIJMEGEN, the Netherlands
- September 2014
 - > BA Thesis : Multimodal recognition of complex emotions in individuals with Autism Spectrum Disorders
 - > Supervisors : Prof. Dr. Paula Fikkert and Dr. Titia Benders.
 - > Minors : General linguistics, language acquisition, speech and language disorders, psycholinguistics.

PRAAT

RESEARCH ACTIVITIES

+ ORAL PRESENTATIONS

- > Vocal Interactivity in-and-between Humans, Animals and Robots (VIHAR) workshop 2019, Queen Mary University of London : *Vocal emotion recognition in school-age children : normative data for the EmoHI test.*
- > Werkgemeenschap Auditief Systeem (WAS) symposium 2019, University of Groningen : *School-age children's development in sensitivity to voice gender cues is asymmetric (additional preliminary data of CI children).*
- > Speech in Noise (SPiN) workshop 2019, Ghent University : *School-age children's development in sensitivity to voice gender cues is asymmetric.*
- > Architectures and mechanisms for language processing (AMLAP) conference 2017, Lancaster University : *Lexical access in cochlear implant users.*

+ POSTER PRESENTATIONS

- > Conference on Implantable Auditory Prosthesis (CIAP) 2019, Lake Tahoe, CA : *Dissociated development of voice perception across gender cues in normal-hearing and cochlear implant children.*
- > Multiple Approaches to the Perception of Speech (MAPS) Summer School, University of Groningen : *Development of voice characteristics perception and categorization of speakers' gender in school-age children and adults.*
- > Tabu Day 2017, University of Groningen : *The perception of contextual and lexical information in cochlear implant users.*
- > Speech Perception and Production across the Lifespan (SPPL) workshop 2017, University College London : *The perception of contextual and lexical information in cochlear implant users.*

+ OTHER ACADEMIC ACTIVITIES

- > Graduate School of Humanities PhD council member (Workshop committee).
- > Teaching : Language acquisition of Dutch (2018-2020) - *Phonology acquisition* and *Bilingualism*, and Linguistics (2020) - *Phonology*.
- > Organization committee member of Vocal Communication Groningen (VoCoGro) workshop 2018.

“ REFERENCES

Deniz Başkent

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Petra Hendriks

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