



## PhD position (75%) in Developmental Cognitive Neuroscience - Hearing Research (f/m/d)

Remuneration: TVÖD E13 (75%)

Starting date: October-November 2024

Duration: 3 years

Application deadline: 30th June 2024 (later inquiries possible, until position is filled)

The PhD position is part of the German Research Foundation (DFG)-funded project „*Enriched speech to support language development in children with sensorineural hearing loss: neural and behavioral evidence*“. The successful candidate will work on an independent project under the supervision of the PI Prof. Claudia Männel and her team. Within the PhD project on remediating effects of impaired speech processing in hearing loss, the candidate will be collecting data in a series of EEG and eye-tracking studies alongside behavioral measures of speech production and standardized tests. The study population are children between 1 and 4 years of age with and without permanent hearing loss.

### Working at the Charité

The research group for *Early language acquisition* is dedicated to neuroscientific research on typical and atypical language development and directly affiliated with the Department of Audiology and Phoniatics at the Charité – Universitätsmedizin Berlin. The research group is an interdisciplinary team of developmental neuroscientists, psychologists, clinical linguists, and clinicians – with a child-friendly laboratory to collect neuroimaging data (EEG, fNIRS) as well as behavioral data from infants, children, and adults. The Charité – Universitätsmedizin Berlin is a joint institution of Freie Universität Berlin and Humboldt-Universität zu Berlin. The Charité was repeatedly voted Germany's best hospital, as employees excel in their professions in patient care as well as research, teaching, and administration.

### Your application

Candidates can submit their **application via e-mail to [claudia.maennel@charite.de](mailto:claudia.maennel@charite.de) as one PDF file (max. 5 MB)** including the following documents:

- **Curriculum vitae**
- **Letter of motivation** stating 1) the motivation to do PhD research in the given project and 2) why the candidate qualifies for the current position (i.e., meeting the required and/or recommended criteria)
- **Writing sample** in English, for example, a one-page summary of the master's thesis or an essay written within the study program
- **Supporting documents** (academic degrees, diplomas and transcripts etc.)

### Essentials

- Master's degree in (developmental) psychology, (psycho-/clinical-) linguistics, cognitive science, or a related field (or equivalent professional experience)
- High motivation to conduct interdisciplinary empirical research at the intersection of developmental cognitive neuroscience and clinical linguistics
- Excellent collaborative and communication skills
- Excellent written and spoken English
- Knowledge of German (at least B1 level) or willingness to obtain this knowledge upon starting the position (for running studies with German-speaking children)

### Desirables

- Experience with experimental linguistics and/or cognitive (neuro)science research
- Experience with running experimental studies with children
- Experience with quantitative data analysis (e.g., Matlab, R) and sound processing (e.g., Praat)
- Knowledge on childhood hearing loss and its consequences on language and communication
- Knowledge on phonology and its acquisition

*We are committed to diversity and equal opportunities.*