

Prof. Dr. Nadine Gaab is an outstanding expert in the areas of language and reading disorders, auditory processing and the use of the functional magnetic resonance imaging (fMRI) technique in investigating the developing brain. She is an assistant professor of pediatrics at the Harvard Medical School and is also a member of the Faculty of Education at the Harvard Graduate School of Education. Her visit to Konstanz is funded by a mentorship of the Zukunftskolleg which is held by associated fellow Dr. Margarita Stolarova.

Her talk on 'Brain correlates of reading development and developmental dyslexia:

challenges, new directions and the role of auditory processing' will present new insights (brain imaging and behavioral studies) in the role of auditory and language processing in reading development (in the pre-reading and reading brain) as well as its role in language and reading disorders. Furthermore, it will discuss the potential role musical and auditory training may play in improving language and reading skills in children. Additionally, it will give an overview about the challenges of assessing neural correlates in very young children using functional magnetic resonance imaging.

For more information on Nadine Gaab's research, please consult:

<http://www.childrenshospital.org/research/gaablab>