

# Benjamin Stahl, Dr. phil. (PhD)

## CURRICULUM VITAE

CURRENT ADDRESS Charité Universitätsmedizin Berlin,  
Department of Neurology,  
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### Academic Qualifications

- 2009–2013 **Max Planck Institute for Human Cognitive and Brain Sciences and University of Leipzig**, Germany  
Doctorate in Clinical Neuroscience (summa cum laude)
- 2009–2013 **International Max Planck Research School on Neuroscience of Communication**, Leipzig, Germany  
Graduate Program
- 2006–2009 **College of Life Sciences**, Cologne, Bonn and Berlin, Germany  
German National Academic Foundation (Studienstiftung)  
Undergraduate Program
- 2003–2009 **Freie Universität Berlin**, Germany  
Diploma in Psychology (specialization: Music and Musicology)

### Professional Experience

- SINCE 2016 **Charité Universitätsmedizin Berlin and Universitätsmedizin Greifswald**, Germany (Agnes FLÖEL)  
Postdoctoral Researcher
- 2013–2016 **Freie Universität Berlin**, Germany  
Brain Language Laboratory (Friedemann PULVERMÜLLER)  
Postdoctoral Researcher
- 2009–2013 **Max Planck Institute for Human Cognitive and Brain Sciences**, Leipzig, Germany  
PhD Project (supervision: Stefan GEYER and Sonja A. KOTZ)
- 2008–2009 **Charité Universitätsmedizin Berlin**, Germany  
Research Assistant
- 2007–2008 **Université de Montréal and McGill University**, Montreal, Canada  
International Laboratory for Brain, Music and Sound Research (BRAMS)  
Research Fellowship (supervision: Isabelle PERETZ)
- 2006–2007 **Max Planck Institute for Human Cognitive and Brain Sciences**, Leipzig, Germany  
Diploma Project (supervision: Stefan KOELSCH)
- 2005–2006 **Max Planck Institute for Human Development**, Berlin, Germany  
Research Assistant
- 2002–2003 **Aktion Sühnezeichen Friedensdienste**  
Community Service in Brussels, Belgium

### Selected Publications

- Stahl, B.,** Mohr, B., Büscher, V., Dreyer, F. R., Lucchese, G., & Pulvermüller, F. (in press). Efficacy of intensive aphasia therapy in patients with chronic stroke: A randomised controlled trial. *Journal of Neurology, Neurosurgery, and Psychiatry*. doi: 10.1136/jnnp-2017-315962
- Stahl, B.,** Mohr, B., Dreyer, F. R., Lucchese, G., & Pulvermüller, F. (2016). Using language for social interaction: Communication mechanisms promote recovery from chronic non-fluent aphasia. *Cortex*, *85*, 90–99. doi: 10.1016/j.cortex.2016.09.021
- Stahl, B.,** Kotz, S. A., Henseler, I., Turner, R., & Geyer, S. (2011). Rhythm in disguise: Why singing may not hold the key to recovery from aphasia. *Brain*, *134*(10), 3083–3093. doi: 10.1093/brain/awr240

### All Publications

Journal Articles  
(in press)

**Stahl, B.,** Mohr, B., Büscher, V., Dreyer, F. R., Lucchese, G., & Pulvermüller, F. (in press). Efficacy of intensive aphasia therapy in patients with chronic stroke: A randomised controlled trial. *Journal of Neurology, Neurosurgery, and Psychiatry*. doi: 10.1136/jnnp-2017-315962

Mohr, B., **Stahl, B.,** Berthier, M. L., & Pulvermüller, F. (in press). Intensive communicative therapy reduces symptoms of depression in chronic nonfluent aphasia. *Neurorehabilitation and Neural Repair*. doi: 10.1177/1545968317744275

Journal Articles  
(published)

Lucchese, G., & **Stahl, B.** (2018). Peptide sharing between viruses and DLX proteins: A potential cross-reactivity pathway to neuropsychiatric disorders. *Frontiers in Neuroscience*, *12*(150). doi: 10.3389/fnins.2018.00150

**Stahl, B.,** Mohr, B., Dreyer, F. R., Lucchese, G., & Pulvermüller, F. (2017). Communicative-pragmatic assessment is sensitive and time-effective in measuring the outcome of aphasia therapy. *Frontiers in Human Neuroscience*, *11*(223). doi: 10.3389/fnhum.2017.00223

Lucchese, G., Pulvermüller, F., **Stahl, B.,** Dreyer, F. R., & Mohr, B. (2017). Therapy-induced neuroplasticity of language in chronic post-stroke aphasia: A mismatch negativity study of (a)grammatical and meaningful/less mini-constructions. *Frontiers in Human Neuroscience*, *10*(669). doi: 10.3389/fnhum.2016.00669

**Stahl, B.,** Mohr, B., Dreyer, F. R., Lucchese, G., & Pulvermüller, F. (2016). Using language for social interaction: Communication mechanisms promote recovery from chronic non-fluent aphasia. *Cortex*, *85*, 90–99. doi: 10.1016/j.cortex.2016.09.021

**Stahl, B.,** & Van Lancker Sidtis, D. (2015). Tapping into neural resources of communication: Formulaic language in aphasia therapy. *Frontiers in Psychology*, *6*(1526). doi: 10.3389/fpsyg.2015.01526

**Stahl, B.,** & Kotz, S. A. (2014). Facing the music: Three issues in current research on singing and aphasia. *Frontiers in Psychology*, *5*(1033). doi: 10.3389/fpsyg.2014.01033

**Stahl, B.,** Henseler, I., Turner, R., Geyer, S., & Kotz, S. A. (2013). How to engage the right brain hemisphere in aphasics without even singing:

- Evidence for two paths of speech recovery. *Frontiers in Human Neuroscience*, 7(35). doi: 10.3389/fnhum.2013.00035
- Stahl, B.**, Kotz, S. A., Henseler, I., Turner, R., & Geyer, S. (2011). Rhythm in disguise: Why singing may not hold the key to recovery from aphasia. *Brain*, 134(10), 3083–3093. doi: 10.1093/brain/awr240
- Publications in German**
- Flöel, A., & **Stahl, B.** (in press). Aphasie. In Diener, H. C., Kastrup, O., & Steinmetz, H. (Editors). *Referenz Neurologie*. Stuttgart: Thieme.
- Stahl, B.** (2018). Musikgestützte Aphasietherapie. *neuroreha*, 10, 21–23. doi: 10.1055/s-0043-125439
- Stahl, B.**, & Sollereeder, S. (2014). Gesang in der Sprachtherapie: Theorie und Praxis. *logoTHEMA*, 2, 3–5.
- Stahl, B.**, & De Langen-Müller, U. (2012). Gesang in der Sprachtherapie: Theorie und Praxis. *Sprachheilarbeit*, 57(4), 210–212.
- Academic Theses**
- Stahl, B.** (2013). Treatment of non-fluent aphasia through melody, rhythm and formulaic language. Doctoral dissertation. In *MPI Series in Human Cognitive and Brain Sciences: Vol. 146*. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- Grants**
- Research funding (2016–2019) provided by Else Kröner-Fresenius-Stiftung; € 92 700; project title: “Neural resources of verbal communication in the rehabilitation of speech-motor planning disorders” (PI)
- Awards and Fellowships**
- Traveling fellowships (2014 and 2016) provided by the German Academic Exchange Service to attend conferences abroad
- Doctoral dissertation prize (2013) awarded by the German Society for Aphasia Research and Treatment
- Full PhD scholarship (2009–2013) awarded by the Max Planck Society
- Research fellowship (2007–2008) provided by the German National Academic Foundation (Studienstiftung) to conduct a study in Canada
- Full undergraduate scholarship (2004–2009) awarded by the German National Academic Foundation (Studienstiftung)
- Research Interests**
- Neural bases of everyday communication  
 Aphasia and concomitant depression after stroke  
 Social interaction in intensive aphasia therapy  
 Rhythmic pacing and speech-motor planning disorders  
 Clinical psychology and psychotherapy

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