

# Stanford

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## Simon Leipold

Postdoctoral Scholar, Psychiatry

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### Bio

#### STANFORD ADVISORS

- Vinod Menon, Postdoctoral Faculty Sponsor

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### Research & Scholarship

#### LAB AFFILIATIONS

- Vinod Menon, Stanford Cognitive & Systems Neuroscience Laboratory (1/1/2020)

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### Publications

#### PUBLICATIONS

- **Mothers adapt their voice during children's adolescent development.** *Scientific reports*  
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- **Musical expertise shapes functional and structural brain networks independent of absolute pitch ability.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*  
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- **Heterogeneity of EEG resting-state brain networks in absolute pitch.** *International journal of psychophysiology : official journal of the International Organization of Psychophysiology*  
Greber, M., Klein, C., Leipold, S., Sele, S., Jancke, L.  
2020
- **Diminished large-scale functional brain networks in absolute pitch during the perception of naturalistic music and audiobooks.** *NeuroImage*  
Brauchli, C., Leipold, S., Jancke, L.  
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- **Takotsubo syndrome: How the broken heart deals with negative emotions.** *NeuroImage. Clinical*  
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- **Neural patterns reveal single-trial information on absolute pitch and relative pitch perception** *NEUROIMAGE*  
Leipold, S., Greber, M., Sele, S., Jancke, L.  
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- **Perception and Cognition in Absolute Pitch: Distinct yet Inseparable** *JOURNAL OF NEUROSCIENCE*  
Leipold, S., Greber, M., Elmer, S.  
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- **Absolute and relative pitch processing in the human brain: neural and behavioral evidence** *BRAIN STRUCTURE & FUNCTION*  
Leipold, S., Brauchli, C., Greber, M., Jancke, L.  
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- **Univariate and multivariate analyses of functional networks in absolute pitch** *NEUROIMAGE*  
Brauchli, C., Leipold, S., Jaencke, L.  
2019; 189: 241–47
- **A reevaluation of the electrophysiological correlates of absolute pitch and relative pitch: No evidence for an absolute pitch-specific negativity** *INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY*  
Leipold, S., Oderbolz, C., Greber, M., Jancke, L.  
2019; 137: 21–31
- **The neural underpinnings of music listening under different attention conditions** *NEUROREPORT*  
Jancke, L., Leipold, S., Burkhard, A.  
2018; 29 (7): 594–604