

# Natalie Holz

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## Curriculum Vitae

### Education & professional training

2017–present	<i>Ph.D. Student, Cognitive Neuroscience</i> Max Planck Institute for Empirical Aesthetics, Frankfurt am Main Project Title: Rethinking emotion intensity in human vocalizations Supervisor: David Poeppel
2012–present	<i>Medical Studies (paused since 2018)</i> Goethe University, Frankfurt am Main
2011–2013	<i>Studies of Psychology</i> Goethe Universität, Frankfurt am Main
2010–2011	<i>English Linguistics, Literatures and Cultures</i> Junior Studies, Universität des Saarlandes, Saarbrücken
2008–2009	Westford Academy, Westford, Massachusetts
2003–2011	Gymnasium am Stefansberg, Merzig

### Scholarships

2011–present	Stipend of the German Academic Scholarship Foundation
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### Publications

#### Peer-reviewed articles

[1] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2021). The paradoxical role of emotion intensity in the perception of vocal affect. *Scientific Reports*. DOI: [10.1038/s41598-021-88431-0](https://doi.org/10.1038/s41598-021-88431-0)

[2] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2022). The Variably Intense Vocalizations of Affect and Emotion (VIVAE) Corpus Prompts New Perspective on Nonspeech Perception. *Emotion*. DOI: [10.1037/emo0001048](https://doi.org/10.1037/emo0001048)

### Data sets

[1] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2020). The Variably Intense Vocalizations of Affect and Emotion Corpus (VIVAE) [Data set]. [Zenodo](#)

### Manuscripts

[1] Holz, N., Adolphi F. & Poeppel, D. (in prep). Beyond danger: negative *and* positive screams jointly occupy an acoustic regime linked to roughness.

[2] Holz, N.,\* von Petersdorff J. & Poeppel, D. (in prep). The acoustic representation of emotion in variably intense vocalizations and its link to paradoxical affect perception.

### Presentations

#### Invited talks

[1] Holz, N., (2021, January). Quantifying the sweet spot of emotional intensity in vocal affect perception. *The Max Planck NYU Center for Language, Music and Emotion*. New York, USA (presented remotely).

#### Slide presentations

[1] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2021, May). The paradoxical role of emotional intensity in vocal affect perception. *Social and Affective Neuroscience Society Annual Meeting*. (presented remotely).

[2] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2021, April). The emotion intensity paradox. *Society for Affective Science Annual Meeting*. (presented remotely).

[3] Holz, N., von Petersdorff, J. & Poeppel, D. (2021, April). The sensitivity to affective intensity: in the 'ear of the beholder'? *Society for Affective Science Annual Meeting*. (presented remotely).

#### Poster presentations

- [1] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2020). Quantifying the sweet spot of emotional intensity in the perception of vocal affect April 23-25, 2020: *Society for Affective Science (SAS)*, San Francisco, CA, USA, virtual conference.
- [2] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2020). Inferring meaning from variably intense emotion expressions, *Cognitive Neuroscience Society Annual Meeting*, Boston, MA, USA, virtual conference.
- [3] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2019). Moans and screams – a newly validated corpus of affective vocalizations. *Social and Affective Neuroscience Society*, Miami, FL, USA.
- [4] Holz, N., Larrouy-Maestri, P. & Poeppel, D. (2019). Rethinking affective vocalizations. *Cognitive Neuroscience Society Annual Meeting*, San Francisco, CA, USA.

## Trainings & workshops

Attendee	<i>OpenSesame Workshop, Public Open Science Institute for Psychology (ZPID)</i> , online, 2020
Attendee	<i>Laughter Workshop, Bielefeld University</i> , online, 2020
Attendee	<i>Voice and Body Coaching Workshop, Minerva-FemmeNet</i> , Mainz, 2019
Attendee	<i>The functional Relevance of Brain Rhythms, MPI for Brain Research</i> , Frankfurt, 2019
Fellow	<i>Emotions from different perspectives, Center for Language, Music and Emotion (CLaME) and Max Planck Institute for Empirical Aesthetics</i> , Frankfurt, 2019

## Supervision

2020–present	<i>Jakob von Petersdorff</i> , Bachelor Thesis, Department of Neuroscience, Max Planck Institute for Empirical Aesthetics & Biology Department, Goethe University Frankfurt am Main Project: <i>The acoustic representation of emotion in variably intense vocalizations of affect: machine-based decoding</i>
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2020                      *Jakob von Petersdorff*, Research Assistant & Intern, Max Planck  
Institute for Empirical Aesthetics

## Service

2018–2020              PhD student representative  
*Max Planck Institute for Empirical Aesthetics*

Ad-hoc                      Reviewer  
*Emotion, Current Biology*

Ad-hoc                      Scientific outreach activities  
*Interview guest, Wired Magazine, Migros*

## Programming languages

- R: 4 years, proficient
- Python: 1 years, beginner
- MATLAB: 1 year, beginner

## Language skills

- German, native
- English, nearly native
- French, intermediate